

ORDER FOR SUPPLIES OR SERVICES

1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. DASG60-02-D-0009	2. DELIVERY ORDER/ CALL NO. 004668	3. DATE OF ORDER/CALL 2002 Apr 24	4. REQ./ PURCH. REQUEST NO. 4N26404003-BASIC	5. PRIORITY DX-A2
6. ISSUED BY US ARMY SPACE & MISSILE DEFENSE COMMAND [REDACTED] PO BOX 1500 HUNTSVILLE AL 35807-3801		7. ADMINISTERED BY DCMA HUNTSVILLE BUILDING 4505, SUITE 301 MARTIN ROAD REDSTONE ARSENAL AL 35898-0001		8. DELIVERY FOB <input checked="" type="checkbox"/> DEST <input type="checkbox"/> OTHER (See Schedule if other)

9. CONTRACTOR BAE SYSTEMS ANALYTICAL SOLUTIONS INC 1525 PERIMETER PKW, STE 500 HUNTSVILLE AL 35806	CODE 0JLS6	FACILITY	10. DELIVER TO FOB POINT BY (Date) SEE SCHEDULE	11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED
			12. DISCOUNT TERMS	
			13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15	

14. SHIP TO SEE SCHEDULE	CODE	15. PAYMENT WILL BE MADE BY DFAS-COLUMBUS CENTER DFAS-CO/SOUTH ENTITLEMENT OPERATION P.O. BOX 182264 COLUMBUS OH 43218-2264	CODE HQ0338	MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.
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16. TYPE OF ORDER	DELIVERY/ CALL	<input checked="" type="checkbox"/>	This delivery order/call is issued on another Govt. agency or in accordance with and subject to terms and conditions of above numbered contract.
	PURCHASE		Reference your quote dated Furnish the following on terms specified herein. REF:

ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.

NAME OF CONTRACTOR	SIGNATURE	TYPED NAME AND TITLE	DATE SIGNED (YYYYMMDD)
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:			

17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE
See Schedule

18. ITEM NO.	19. SCHEDULE OF SUPPLIES/ SERVICES	20. QUANTITY ORDERED/ ACCEPTED*	21. UNIT	22. UNIT PRICE	23. AMOUNT
	SEE SCHEDULE				

* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.	24. UNITED STATES OF AMERICA [REDACTED]	25. TOTAL \$63,420,000.00
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26. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED	27. SHIP NO.	28. DO VOUCHER NO.	29. DIFFERENCES	30. INITIALS
DATE _____ SIGNATURE OF AUTHORIZED GOVT. REP. _____	<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	32. PAID BY		33. AMOUNT VERIFIED CORRECT FOR

36. I certify this account is correct and proper for payment. DATE _____ SIGNATURE AND TITLE OF CERTIFYING OFFICER _____	31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	34. CHECK NUMBER	35. BILL OF LADING NO.
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37. RECEIVED AT	38. RECEIVED BY	39. DATE RECEIVED (YYYYMMDD)	40. TOTAL CONTAINERS	41. S/R ACCOUNT NO.	42. S/R VOUCHER NO.
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Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0001	SETAC - FP Labor COST	1	Lot	UNDEFINED	UNDEFINED
	Provide services outlined in the scope of work (SOW), as defined in a given task order (T/O), at the fixed prices/government labor category specified in Section B paragraph entitled, "GOVERNMENT LABOR CATEGORIES AND ASSOCIATED FIXED PRICES PER DPPH"				
	PURCHASE REQUEST NUMBER: 4N26404003-BASIC				
				MAX COST	\$58,503,000.00

FOB: Destination

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0003	Consultants COST	1	Lot	UNDEFINED	UNDEFINED
	Provide services outlined in the scope of work (SOW) at the cost reimbursable amounts as approved on a task-order-by-task-order basis. Total Fee, including prime and subcontractor/consultant, shall not exceed 3% of the estimated costs. This CLIN is valid during the three-year base period as well as any/all award term extensions earned by the contractor.				
	PURCHASE REQUEST NUMBER: 4N26404003-BASIC				
				MAX COST	\$0.00

FOB: Destination

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0004	Materials and STE COST	1	Lot	UNDEFINED	UNDEFINED
	Provide materials, special test equipment (STE), and associated services outlined in the individual task orders at the cost reimbursable amounts as approved by the T/OM and the Contracting Officer. NO FEE ON THIS CLIN. This CLIN is valid during the three-year base period as well as any/all award term extensions earned by the contractor. PURCHASE REQUEST NUMBER: 4N26404003-BASIC				
				MAX COST	\$1,330,000.00

FOB: Destination

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0005	Travel COST	1	Lot	UNDEFINED	UNDEFINED
	Travel as directed in the individual task orders. Travel must be completed within the cost reimbursable amounts allowed per the Joint Travel Regulations and the DCAA-approved Company-Implemented Policy and Procedures. NO FEE ON THIS CLIN. This CLIN is valid during the three-year base period as well as any/all award term extensions earned by the contractor. PURCHASE REQUEST NUMBER: 4N26404003-BASIC				
				MAX COST	\$3,587,000.00

FOB: Destination

BLOCK 17/BLOCK 18 CONTINUED

ACRN: AN (O&MA FUNDING) (SEE SPECIAL INSTRUCTIONS)
EXPIRATION OF FUNDS: 23 Apr 03

ACRN: AU (O&MA FUNDING) (SEE SPECIAL INSTRUCTIONS)
EXPIRATION OF FUNDS: 21 May 03

ACRN: CR (APA FUNDING) (SEE SPECIAL INSTRUCTIONS)

ACRN: CS (PROCUREMENT FUNDING) (SEE SPECIAL INSTRUCTIONS)

ACRN: CV (O&MA FUNDING) (SEE SPECIAL INSTRUCTIONS)
EXPIRATION OF FUNDS: 08 Apr 04

ACRN: CW (PROCUREMENT FUNDING) (SEE SPECIAL INSTRUCTIONS)

ACRN: CZ (PROCUREMENT FUNDING) (SEE SPECIAL INSTRUCTIONS)

ACRN: DF (O&MA FUNDING) (SEE SPECIAL INSTRUCTIONS)
EXPIRATION OF FUNDS: 24 Sep 04

ACRN: DW (PROCUREMENT FUNDING) (SEE SPECIAL INSTRUCTIONS)

ACRN: EG (O&MA FUNDING) (SEE SPECIAL INSTRUCTIONS)
EXPIRATION OF FUNDS: 31 Jan 05 (Ref. 4Q42B0A9RWD2/\$203,619)
EXPIRATION OF FUNDS: 09 May 05 (Ref. 4Q42B0A9RWD2-01/\$303,259)

ACRN: EH (APA FUNDING) (SEE SPECIAL INSTRUCTIONS)

ACRN: EJ (APA FUNDING) (SEE SPECIAL INSTRUCTIONS)

ACRN: FE (O&MA FUNDING) (SEE SPECIAL INSTRUCTIONS)
EXPIRATION OF FUNDS: 10 Aug 05

ACRN: FT (APA FUNDING) (SEE SPECIAL INSTRUCTIONS)

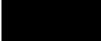
ACRN: GG (APA FUNDING) (SEE SPECIAL INSTRUCTIONS)

BLOCK 17 (DD1155) CONTINUED:

TASK ORDER FUNDS REQUIRED	\$ 63,420,000
TASK ORDER FUNDS AVAILABLE	\$ 38,991,688
UNFUNDED BALANCE	\$ 24,428,312

BLOCK 18 (DD1155) CONTINUED: In the performance of this Task Order (T/O), the contractor shall provide the total Direct Productive Person Hours (DPPHs), plus or minus 10 percent, as stated for fixed-price labor categories stated in Section B of the contract listed in Block 1 of the DD Form 1155. These DPPHs shall be billed at the fixed price stated in Exhibit V of the contract. The contractor shall not exceed the DPPHs, nor the total dollars, stated for consultant below. The contractor is allowed to provide up to 10 percent less than the DPPHs stated for consultant and still expend the total dollars as stated in the T/O. Furthermore, under no circumstance shall the contractor exceed the dollars stated for Materials, Travel, or Total T/O.

LABOR CATEGORIES: Labor categories are as listed in the contract, Section B, paragraph entitled "GOVERNMENT LABOR CATEGORIES AND ASSOCIATED FIXED PRICES PER DPPH"

	DPPHs ORDERED	NTE AMOUNT
FIXED-PRICE LABOR TOTAL	 DPPHs	\$58,503,000
*CONSULTANT TOTAL	 DPPHs	\$ 0

T/O TOTAL LABOR	██████████ DPPHs	\$58,503,000
MATERIAL	NTE	\$ 1,330,000
TRAVEL	NTE	\$ 3,587,000
T/O TOTAL		\$63,420,000

* Consultant requirements must have prior written approval of the Administrative Contracting Officer (ACO) (via subcontract consent package) before any costs are incurred under the consultant CLIN.

Section C - Descriptions and Specifications

A SOW

“SYSTEM ENGINEERING & INTEGRATION DIRECTORATE, PEO AIR, SPACE, AND MISSILE DEFENSE (AMD) SUPPORT/ AND LIFE CYCLE COST MANAGEMENT”

1.0 SUBTASK 1: BMC4I Support

1.1 Interoperability. The contractor shall:

1.1.1 Develop and maintain the PEO ASMD Interoperability Roadmap using the DOORS COTS tool. This roadmap will document the planned/potential functional capabilities from the near-term (2000) to the objective (2010) for the Army AMD Family of Systems (FoS) systems.

1.1.2 Support the feasibility investigation and analysis of the “Plug and Fight” concepts put forth by the Army AMD combat developer.

1.1.3 Support the assessment of current Joint Data Network/Joint Common Tactical network (JDN/JCTN) gateway capabilities and draft technical requirements.

1.2 Defense Design. The contractor shall:

1.2.0 Assess current AMD FoS systems Operational Requirements Documents (ORDs) and support the development of technical requirements for AMD FoS overarching defense planning/design

1.2.1 Support the collaborative development of the air and missile defense workstation (AMDWS)/air and missile defense planning and control system (AMDPCS) through the identification and coordination of Army AMD FoS data requirements and inputs in accordance with the AMDPCS ORD and AMDWS IPT MOA.

1.2.2 Support the collaborative development of the Joint Defensive Planner (JDP) through the identification and coordination of Army AMD data requirements and inputs.

1.3 Data Management.

1.3.1 Joint Message Development/Integrated Broadcast Service (IBS) Support. The contractor shall support activities related to development of the IBS requirements and messages. This will include technical support to the Broadcast Information Opns Group (BOIG), Tactical Information Broadcast Service (TIBS), Communications Working Group (CMWG) and IBS Format Integrated Product Team (IPT).

1.3.2 Communications Assessment. The contractor shall:

1.3.2.1 Conduct communications network performance analysis to support development of PEO ASMD positions on tactical communications issues (e.g. TSR Host Demand Algorithm).

1.3.2.2 Support Joint Theater Air and Missile Defense Communications analysis activities (e.g. ICP development support).

1.3.2.3 Support alternate communications means analysis (e.g. Joint Range Extension (JRE) analysis).

1.3.3 Objective Air and Missile Defense (AMD) C3I Data Integration. The contractor shall:

1.3.3.1 Support the government in the identification of AMDWS/AMDPCS functions and establish traceability to AMDPCS ORD/User Functional Description (UFD) and AMD Systems ORDs, identify shortfalls, and coordinate resolution.

1.3.3.2 Develop and coordinate Standard Data Elements and associated technical data to meet common and unique AMD requirements in concert with the AMD C3I Data Model, DOD Data Model, JTA/JTA-Army, and other appropriate regulations and guidance documents.

1.3.3.3 Develop the AMD Data Integration Roadmap, containing the Army AMD common standard data element dictionary, to define AMD FoS available functionality by AMD system, by date, and by force structure (i.e., Army AMD, Army, and Joint).

1.3.3.4 Model Mart Support. The contractor shall coordinate and facilitate Model Mart usage among the specified PEO ASMD users; maintain user accounts and access to those accounts; and perform configuration management of all models kept on the PEO ASMD Model Mart.

1.3.4 JRE Support. The contractor shall support activities related to development of Joint Range Extension requirements and test planning for JRE prototypes.

1.3.5 JTA/JTA-A Support. The contractor shall support development of PEO ASMD policies and standards for interoperability of AMD system, in accordance with DoD/Army guidance. This will include support in the definition of technical architecture profiles and system architectures.

1.4 The contractor shall provide other task related support as required.

2.0 SUBTASK 2: Engineering and Integration Support

2.1 Engineering and Integration Support. The contractor shall support implementation of the Family of Systems System Engineering process in the areas of:

2.1.1 Simulation Implementation – Assist the government in the implementation, training and maintenance of system engineering software. Develop electronic interfaces as needed between existing software packages and the implemented system engineering tool, so legacy data can be used, as well as to provide a seamless interface between the system engineering tool and future generated Government data (schedules, cost, etc.). The simulation shall allow offsite access, and shall be used to track requirements, schedule, cost and other pertinent information.

2.1.2 Requirements Definition – Assist the government in defining the set of technical requirements for the Army FoS. These requirements shall be developed from user requirements and will be entered, tracked, and maintained in the system engineering software. These requirements shall consider implications of interoperability, commonality, cost, schedule, and other relevant metrics. The contractor shall remain cognizant of the Joint FoS requirements and ensure that these are reflected in the Army FoS requirements set.

2.1.3 Requirements Analysis – Assist the government in performing requirements analysis for the FoS. The contractor shall assist in establishing the baseline system configuration for the Army FoS, based on some point in time (referenced to the FoS life cycle). This baseline system configuration shall then be analyzed to establish the capability of the FoS, and to determine the extent to which requirements are met. Issues needing to be addressed shall be derived and catalogued in an issues database. Issues shall be verified using simulations and government sponsored tests, and shall be addressed using doctrinal, operational, training and organizational changes, as well as development of technology solutions. The capabilities of the FoS will be catalogued in a notebook, and a roadmap will be developed (as needed) detailing how requirement shortfalls will be addressed.

2.1.4 The contractor shall ensure coordination among this activity and other activities being performed in the PEO ASMD including, the Test and Simulation, BMC4I and Specialty Engineering Activities.

2.2 Technical Consolidation Support. The contractor shall:

2.2.1 Ensure commonality, conformity and consistency in the threat data being used for the FoS system engineering process by consolidating this data across the Theater Missile Defense (TAMD) systems represented in the FoS, and ensuring that the data is consistent with data maintained in the external threat communities (MSIC, DIA, etc.). Analysis shall be performed on the threat data to ensure that the operational threat scenarios and threat timelines accurately represent the desired FoS threat set.

2.2.2 Ensure commonality, conformity and consistency in the lethality data being used for the FoS system engineering process by consolidating this data across the TAMD systems represented in the FoS, and ensuring that the data is consistent with data maintained in the external lethality communities (SMDC, MRDEC, BMDO, Others as appropriate). The contractor shall accurately portray the lethality needs of the FoS to the external lethality communities to ensure that the needs are addressed in a timely and efficient manner. Analysis shall be performed as needed and as directed by the government to support this activity.

2.2.3 Ensure commonality, conformity and consistency in the scoring methodologies being used by the systems within the FoS and ensure that the scoring methodology used for the FoS analysis accurately reflects these methodologies.

2.2.4 Ensure commonality, conformity and consistency in any phenomenology issues within the FoS. Consolidate all issues as needed for applicable IPTs and other meetings.

2.3 External Interfaces Support. The contractor shall:

2.3.1 Assist the government in providing a technical interface between the PEO ASMD and the BMDO, Army staff, OSD and the user communities. This technical interface shall ensure that the PEO ASMD maintains a strong position in these technical communities, while reducing the issues load on the Project Managers from external sources and providing red team review of the PEO Project Office products. This shall be accomplished by supporting IPTs and participating in meetings.

2.3.2 Technology Initiatives Support. The contractor shall provide engineering analysis and technology assessments in support of ballistic missile defense; to support PEO ASMD in performance of weapons systems and FoS technology requirements identification, technology research, technology assessments, technology insertion planning, commonality studies and other engineering analyses and studies as directed; to participate in Ballistic Missile Defense Office technology roadmap planning integrated product teams, facilitate the Engineering Analysis & Evaluation Directorate's technology initiatives integrated product team and coordinate with the Space and Missile Defense Command technology planning integrated product teams; to coordinate the joint development of web-based technology information management and networking tools; and to perform manufacturing technology assessments, industrial base analysis and producibility assessments for selected components, sub systems and systems of ballistic missile defense weapons systems.

2.4 The Contractor shall provide presentation, data, graphics and publication support for all meetings, briefings, conferences, and presentation materials required in the performance of TD requirements.

2.5 The contractor shall provide other task related support as required.

3.0 SUBTASK 3: Test and Simulation Support

3.1 The contractor shall provide technical and programmatic assistance to the Test and Simulation of the System Engineering & Integration Directorate (SEID) for demonstration/tests/exercises of the Army Air and Missile Defense Family of Systems (FoS) and of the BMDO TAMD Family of Systems. Specific requirements include the following:

3.1.1 The contractor shall assist the SEID Test and Simulation in the development of a Test and Simulation strategy for testing the performance of the FoS through simulation, hardware-in-the-loop (HWIL) means and live testing. The strategy, will consider both operational and technical objectives and issues developed by the USAADASCH, BMDO, JTAMDO, and the other System Engineering Directorates. The objectives and issues will be developed through an IPT approach within the Directorate. The contractor will assist the Test and Simulation in the development of a Test and Evaluation IPT.

3.1.2 The contractor shall develop the following documentation: To support the Test and Simulation Strategy, The Army Family of Systems TEMP will be written and based upon the Requirements produced by the Requirements and Integration Team and in support of the TEMP a Modeling and Simulation Support Plan will be produced. Each “test” event as outlined in the TEMP will require; an Event Assessment/Evaluation Plan, an Event Modeling and Simulation Support Plan, an Event Design Plan, an Event Data Collection Plan, an Event Report, and an Event Assessment/Evaluation Report. The scope of the documentation will be dependent on the event as directed by the government. Documentation for BMDO events (TMDSE HWIL or System Integrated Tests (SITs) will be determined.

3.1.3 The contractor shall provide expertise in the planning, design, and execution of Army FoS, TAMD FoS and JTAMD demonstrations/tests/exercises/war games, and as directed, provide such services as data collection, and data reduction. The contractor will provide expertise in the assessment and/or evaluation of the performance of the Army FoS.

3.1.4 The contractor shall analyze and report on data from past, on-going, and future CINC/Joint, BMDO FoS, or Army FoS demonstrations, tests, exercises to establish databases of record concerning the performance of the Army FoS or TAMD FoS.

3.1.5 The contractor shall assist in the definition of requirements for the Army FoS Task Force Exerciser (TFX). The contractor will assist the government in planning for the use of the TFX in testing the performance of the Army FoS and in the use of the TFX to provide for an Engineering Development Plant for the Army.

3.1.6 The contractor shall assist in the coordination of Army FoS integration efforts within PEO ASMD and among the PEO ASMD Directorates, Project/Product Offices, Software Engineering Directorate, AMCOM, and USAADASCH, and with external agencies and organizations for joint emphasis (e.g., Services, JTAMDO, and BMDO).

3.1.7 The contractor shall assist in the coordination with the Joint Cruise Missile Defense Test organization in the development of common test objectives, scenarios, data collection and reduction efforts for various exercises that both PEO ASMD elements and the JCMD are participants.

3.1.8 The contractor shall assist with the resolution of target issues to include: target suitability; target conformation to BMDO Consolidated Targets Program Plan, schedule, and availability; target missile system requirements as defined in Technical Requirements Document (TRD), Target Systems Requirements Documents (TSRD) and Target Support Plans (TSP), as well as targets investigation and any target actions associated with the PEO Air, Space & Missile Defense.

3.1.9. The contractor shall assist in the development of a process to consolidate aspects of testing for the PEO ASMD. This process will address modeling and simulation consolidation to include HWIL consolidation. The contractor will document the approach for using the HWIL and simulation in the Test and Simulation Modeling and Simulation Support Plan. The process will also involve the development of Common Target and Range Utilization Management.

3.1.9.1 The contractor shall support the MDA Conceptual Modeling Tool. This task will result in establishment of process and practices for the management of conceptual models for each of the MDA core models and

simulations. The contractor shall support the development of Verification, Verification and Accreditation (VV&A) processes and procedures to build the necessary credibility in MDA models and simulations (M&S).

3.1.10 The contractor will develop a technical data management means, such that all elements of the PEO ASMD community will have access to technical data that has been and will be developed through testing the Army FoS.

3.1.11 The contractor, as directed, will participate in PEO ASMD Systems Test and Evaluation IPTs, Technical Interchange Working Group (TIWGs), and other associated meetings. The contractor will provide written reports concerning these meetings.

3.1.12 The contractor shall support Test and Simulation in developing responses to various, rapid response questions, requested by the PEO, Program/Project/Product offices, BMDO, etc., in all areas covered by this task order. The contractor will develop a tracking system to coordinate the consolidation of responses.

3.1.13 The Contractor shall provide presentation, data, graphics and publication support for all meetings, briefings, conferences, and presentation materials required in the performance of T/O requirements.

3.1.14 The contractor shall provide senior level support as required.

4.0 SUBTASK 4: Life Cycle Management

4.1 Policy and Cost Control. Life Cycle Management provides the PEO Air, Space and Missile Defense with the program management necessary to assist, coordinate oversight, and develop the required plans to conduct special studies; Integrated Logistics Support; Life Cycle Cost Reduction/Cost As An Independent Variable; Product Assurance; Risk Management; And Configuration Management Areas.

4.2 Special Studies. The contractor shall provide independent reviews and assessments to include but not limited to: analysis of documents developed by PEO ASMD project offices, other PEO ASMD staff organizations pertaining to the milestone decision process; risk assessments; risk reduction programs; and program protection programs. The contractor support shall include the review of transition plans, logistics plans, product assurance activities, security plans, cost control/reduction plans, and configuration management activities. The contractor shall prepare roadmaps and methodologies for accomplishing the activities of the Life Cycle Management Team. The contractor shall participate in Technical Interchange Meetings (TIMs), Program Reviews, and working groups that are applicable to the PEO Air, Space and Missile Defense. The contractor shall monitor the Air and Missile Defense Task Force and Family of Systems Integration efforts and participate in technical interchange meetings and working groups providing technical assistance for each functional support area and inputting all appropriate documentation. The contractor shall conduct special studies formed to provide quick resolution/responses as required, and maintain databases as needed to support conclusions and subsequent requirements.

4.3 Integrated Logistics Support. The contractor shall review, analyze, and provide technical input to documents supporting milestone decisions, life cycle costs, cost performance schedule tradeoffs, risk assessments, logistics modeling, and operational/logistics concepts/plans, and shall participate in operational and logistics/supportability working groups. The contractor shall identify actual or potential problems and make recommendations to avert, resolve, or minimize adverse impacts on the overall program. The contractor shall provide technical analysis and assessments of Life Cycle Cost Management programs and provide support and guidance to Working Groups, IPTs and ICTs.

4.4 Product Assurance (PA). The PEO PA effort primarily consists of efforts in Reliability, Availability, and Maintainability (RAM), and in both Hardware and Software (S/W) Quality Assurance. Other areas include, but are not limited to parts control, and corrosion prevention and deterioration control. The contractor shall technically review, analyze, evaluate, and provide input on all Product Assurance related programs and documents as required.

4.5 Configuration Management. The contractor shall provide the PEO ASMD support in the functional areas of Configuration Management and Value Engineering. The contractor shall review, analyze, evaluate, and provide input on all Configuration Management and Value Engineering related programs and documents as required.

4.6 Program Protections and System Security Engineering. The contractor shall perform AMD Task Force and system-level analyses and technical assessments of the various threats, vulnerabilities, and countermeasures affecting the PEO Air, Space and Missile Defense mission. The contractor shall evaluate the security risk management and security design, development, and evaluation processes to improve the efficiency of those functions within the PEO Air, Space and Missile Defense. The contractor shall perform technical analysis, review, and evaluation of system Program Protection Plans, Physical Security Concepts, Facility Security Plans, other documents, and security programs as required.

4.7 Facilities, Siting and Environmental. The contractor shall provide the PEO ASMD support in the functional areas of Facilities, Siting, and Environmental Safety and Occupational Health (ESOH)(FSE). The contractor shall review, analyze and provide input on all FS&E documents as required, to include, but not limited to the FS&E related programs of associated project management offices.

4.8 Safety. The contractor shall provide the PEO ASMD support in the functional area of installation safety. The contractor shall review, analyze, and provide input on all installation safety programs and documents as required, to include, but not limited to the installation safety programs of associated project management offices. The contractor shall participate in safety meetings and working groups. The contractor shall complete safety evaluations of administrative activities and draft safety policy, as required, to assure a safe and healthful work environment is provided for all assigned and visiting personnel in accordance with local US Army installation rules and regulations.

4.9 The contractor shall provide presentation, presentation materials, data, graphics and publication support for all meetings, briefings, and conferences required in the performance of task order requirements. The contractor shall also provide support to the Staff Action Control Office (SACO) to include tracking suspenses and ensuring responses are integrated with other related tasks and assisting in the development and maintenance of schedules and networks for the SACO.

4.10 The contractor shall provide other task-related support as required

B POP

24 Apr 02 – 23 Apr 07

C KEY PERS

D DELIVERABLES

Item/Title	CDRL#	# Copies	Delivery Date
Task Order Management Plan	A001	1 *	Per CDRL
FMER	A003	1 */**	Per CDRL
Interim Technical Report	A004	1	As Required

Final Technical Report	A005	1*	23 Apr 07
Conference Minutes	A006	1	Per CDRL
Data Accession List	A007	1	Per CDRL

ADDITIONAL DELIVERABLES REQUIRED FOR O&MA AND APA/PROCUREMENT FUNDING ARE AS FOLLOWS:

ACRN AN	A005	1*	23 Apr 03
ACRN AU	A005	1*	21 May 03
ACRN CR	A005	1*	30 Sep 03
ACRN CS	A005	1*	30 Sep 04
ACRN CV	A005	1*	08 Apr 04
ACRN CW	A005	1*	23 Apr 05
ACRN CZ	A005	1*	23 Apr 05
ACRN DF	A005	1*	24 Sep 04
ACRN DW	A005	1*	31 Dec 04
ACRN EG	A005	1*	09 May 05
ACRN EH	A005	1*	27 Feb 05
ACRN EJ	A005	1*	27 Feb 05
ACRN FE	A005	1*	10 Aug 05
ACRN FT	A005	1*	31 Dec 05
ACRN GG	A004	1	31 Dec 05
ACRN GG	A005	1*	23 Apr 07

* Plus Electronic Version.

** The FMER must be formatted to separately identify the effort funded by ACRNs.

E TVL

Except for the locations listed below, the contractor has no authority to incur travel costs without explicit prior written approval (email acceptable) of the Task Order Monitor. The contractor is not authorized to travel outside

the United States without the explicit approval (email acceptable) of the Contracting Officer. Under no circumstance shall the contractor incur travel costs in excess of the NTE amount stated herein. NTE: \$3,587,000

Washington, DC Ft. Bliss, TX White Sands, NM Eglin AFB, FL
Colorado Springs, CO

F MATLS

ESTIMATED COST FOR MATERIALS AND/OR SPECIAL TEST EQUIPMENT: Except as stated herein, the contractor has no authority to incur material costs without the explicit prior written approval of the contracting officer. Prior to forwarding requests to the contracting officer, the contractor shall obtain the Task Order Monitor's concurrence. Electronic Mail (email) shall be utilized for both steps in this process. The task order monitor is authorized to approve consumable materials, including reproduction and postage costs, up to \$2,500 per event. Under no circumstance shall the contractor incur materials costs in excess of the NTE amount stated herein. NTE: \$1,330,000

G SPEC INST

Cost data shall be segregated/reported/vouchered/paid at the ACRN level.

ACRN AN is O&MA funding and is to be utilized only in support of AMCOM personnel in Alaska during CJCS Exercise NORTHERN EDGE 02 under Subtask 3. These funds are to be accounted for separately and may not be mingled or utilized to supplement the funding of any other ACRN(s) on this task order.

ACRN AU is O&MA funding and is to be utilized only in support of the U. S. Air Force under SOW Paragraphs 1.1.3, 1.2.3, 1.3.1, 1.3.2.2, 1.3.3.3, and 1.3.3.4 for the integration of the Interactive Service sub-element into the IBSO Operational baseline and operational mission. These funds are to be accounted for separately and may not be mingled or utilized to supplement the funding of any other ACRN(s) on this task order.

ACRN CR is APA funding and is to be utilized only for TIPOFF NT Training for Huntsville and the USADAASCH under Subtask 1. These funds are to be accounted for separately and may not be mingled or utilized to supplement the funding of any other ACRN(s) on this task order.

ACRN CS is Procurement funding and is to be utilized only for Walsh support under Subtask 2, SOW Paragraphs 2.1.3. These funds are to be accounted for separately and may not be mingled or utilized to supplement the funding of any other ACRN(s) on this task order.

ACRN CV is O&MA funding and is to be utilized only for PATRIOT Recapitalization Logistics Support under Subtask 4, SOW Paragraph 4.3. These funds are to be accounted for separately and may not be mingled or utilized to supplement the funding of any other ACRN(s) on this task order.

ACRN CW is Procurement funding and is to be utilized only for Logistics Analysis and Support to Include BOIP Analysis/Formulation under Subtask 4, SOW Paragraphs 4.3. These funds are to be accounted for separately and may not be mingled or utilized to supplement the funding of any other ACRN(s) on this task order.

ACRN CZ is Procurement funding and is to be utilized only to Develop and Coordinate Standard Data Elements to Meet Common ASMD Requirements under Subtask 1, SOW Paragraph 1.3.3 and for Support of Planning, Design and Execution of PEO ASMD Test Activities under Subtask 3, SOW Paragraph 3.1.3. These funds are to be

accounted for separately and may not be mingled or utilized to supplement the funding of any other ACRN(s) on this task order.

ACRN DF is O&MA funding and is to be utilized only in support of JPOW Testing under Subtask 3., SOW Paragraph 3.1.4. These funds are to be accounted for separately and may not be mingled or utilized to supplement the funding of any other ACRN(s) on this task order.

ACRN DW is Procurement funding and is to be utilized only to assist in analysis to be performed on specific threat data to ensure that the operational threat scenario and threat timelines accurately represent the desired FOS threat under Subtask 2, SOW Paragraph 2.2.1. These funds are to be accounted for separately and may not be mingled or utilized to supplement the funding of any other ACRN(s) on this task order.

ACRN EG is O&MA funding and is to be utilized only for Recap Logistics Component Analysis and Recapitalization Document to support the development of the Patriot Recap Logistics Component Analysis and update to Recap documentation under Subtask 4, SOW Paragraph 4.3. These funds are to be accounted for separately and may not be mingled or utilized to supplement the funding of any other ACRN(s) on this task order.

ACRN EH is APA funding and is to be utilized only for Logistics Analysis to support the development of Patriot Recap Logistics Development and shall provide technical analysis and support to include BIOP analysis/formulation, type classification in support of Patriot Logistic Development under Subtask 4, SOW Paragraph 4.3. These funds are to be accounted for separately and may not be mingled or utilized to supplement the funding of any other ACRN(s) on this task order.

ACRN EJ is APA funding and is to be utilized only for Logistics Class IX Support for Patriot Recap Program and shall identify actual or potential problems and make recommendations to avert, resolve or minimize adverse impacts on the program under Subtask 4, SOW Paragraph 4.3. These funds are to be accounted for separately and may not be mingled or utilized to supplement the funding of any other ACRN(s) on this task order.

ACRN FE is O&MA funding and is to be utilized only for NDF Link Support for GWOT under Subtask 1. These funds are to be accounted for separately and may not be mingled or utilized to supplement the funding of any other ACRN(s) on this task order.

ACRN FT is APA funding and is to be utilized only for Logistics Analysis and Support to update component analysis specifications in support of the Lower Tier Project Office under Subtask 4 for a period of performance from 28 Oct 04 – 31 Dec 05. These funds are to be accounted for separately and may not be mingled or utilized to supplement the funding of any other ACRN(s) on this task order.

ACRN GG is APA funding and is to be utilized only for support relative to the development and implementation of Standardization and Cost Reduction Program policy, strategy, and procedures under Subtask 4, SOW Paragraph 4.2, Special Studies. These funds are to be accounted for separately and may not be mingled or utilized to supplement the funding of any other ACRN(s) on this task order.

The Funds and Manhour Expenditure Report (FMER) must be formatted to separately identify the effort by ACRNs

The “Limitation of Funds” is applicable at the ACRN level.

The effort described in the Task Order Statement of Work, which is anticipated to be performed in FY04, FY05, FY06, and FY07, is subject to the Clause at FAR 52.232-18, Availability of Funds.

All of the terms and conditions of the contract listed in Block 1 above are applicable to this T/O.

All of the provisions and clauses of the contract listed in Block 1 above are applicable to this T/O.

The following Government Furnished Property or Test Facilities are available for use in performance of this Task Order (transferred from DASG60-97-D-0001, Task Order 0121, Modification 0121-37 to DASG60-02-D-0009, Task Order 0046, Modification 0046-48):

Qty	Name & Description	Model or PN	Serial Number	Cost
1	Indigo System Case SGI R4000 Board	CMNB003B	35252442	\$12,200.00
1	Elan Graphics Card Internal to Indigo	NA	3781099	\$2,200.00
1	MIPS Card CPU R4000 Internal to Indigo	R4000	37094560	\$3,700.00
1	DAT Tape Drive 4mm Internal to Indigo	25607-002	LAA34669	\$2,000.00
1	SGI Drive CD ROM External	TXM3301E1	2960200113	\$800.00
1	Monitor SGI 20" Color RGB	HL7965KW-SG	206007003	\$1,400.00
1	Keyboard SGI	9500801	213211	\$150.00
1	Mouse SGI	9150800	338522	\$50.00
1	Segate Hard Drive 424MB SCSI	ST1480N	TN678545	\$600.00
1	Maxtor Hard Drive 340MB SCSI Internal	LXT340SY	2B06104935	\$100.00
1	HP Drive Cartridge Magneto-Optical (Internal 56)	1150-1832	NA	\$2,000.00
1	Drive CD ROM (Internal 56)	C1716D	3043J01932	\$600.00
1	Drive Hard (Internal 56)	97548-60061	3001A78313	\$800.00
1	ASANTE HUB Ethernet 10Base-T	AH1012	0000944010AF	\$700.00
1	Seagate (S/NF) Hard Drive 1.6GB	ST41650N	WK013168	\$500.00
1	Hard Drive 1.2GB SCSI System	9410824	100007465CJS	\$1,000.00
1	Drive SCSI System Hard 1.2GB	9410824	100013966CJS	\$1,000.00
1	KLH Speaker	610	NA	\$100.00
1	KLH Speaker	610	NA	\$100.00
1	Optimus AM/FM Stereo Receiver STA-20	31-1879	158641	\$200.00
1	Video Switcher	SYSTEM8	85708	\$900.00
1	ASANTE Ethernet Transceiver for 10BT/AAUI RJ45	99-00168-01	51638511	\$51.00
1	Cable Crimp Tool R-J11(old tag 649)	AT580	NA	\$49.00
1	Falcon Drive Enclosure Non-Removable 301 Dual	C12000	62653	\$60.00
1	MICROPOLIS Hard Drive M1991 9.0GB Falcon Drive Enclosure Non-Removable 301Dual	M1991	50373760874	\$2,450.00
1	Seagate Hard Drive 4GB SCSI-2	ST15230N	TZ178243	\$1,275.00
1	Hard Drive Internal SCSI 1GB	DPES31080	3702072-02	\$900.00
1	Hard Drive Internal 1GB SCSI-2	DPES31080	9523013159	\$900.00
1	RAM 64MB (4) Internal to Indigo System	5664A-1	NA	\$4,000.00
1	Power Module External	50362	212	\$100.00
1	Hewlett Packard Ether Twist Transeiver	28685B	NA	\$100.00
1	AT&T 1910 STU III	1910	STUB1200010217	\$2,000.00
1	Hard Drive 9GB	AT435011-05-H	MP62652142	\$4,000.00
1	Seagate Hard Drive 3.0 GB	ST3120A	91103-505	\$400.00
1	Conner Tape Drive 8MM	8MM	D503YWX	\$1,500.00
1	HP Ethertwist Network Transceiver (1 in Lab)	28685B	NA	\$553.00
1	Garmin GPS III Plus	3 Plus	96416311	\$895.00
1	IOMEGA Zip Drive 100 MB	PRCH3581P9		149.95

1 Compaq Keyboard
Subtotal TO 121

KB3923

B16410HGAI8ED Part of Computer
\$50,542.95

BAE Systems Analytical Solutions, Inc. was relieved of responsibility for one line item of PE, Digital Camera Model No. D-600L, Serial Number 3025343, valued at \$2,000 from DCMA, Redstone Arsenal, AL by memorandum dated November 21, 2003.

It is incumbent upon the contractor and/or subcontractor to ensure that appropriate Technical Assistance Agreements (TAAs) and/or applicable export licenses are in place before conducting any activity under the SOW which requires such approval and documentation.

Effort completed under this T/O requires access to Special Compartmental Information (SCI) data. SCI access is allowable in accordance with the DD Form 254, Contract Security Classification Specification, incorporated into the contract under which this T/O is executed. Certain contractor personnel must possess TOP SECRET/Sensitive Compartmental Information (SCI) Clearance access and/or be eligible for immediate adjudication by the cognizant security authority. It is incumbent upon the contractor to obtain appropriate approval for individual SCI billets from the SCI monitor listed in the DD254.

Performance of this Task Order will require access to Special Access Program (SAP) Information. Revision "21" to DD Form 254, 14 Apr 04, is hereby incorporated (0046-51) and is applicable to this Task Order only. A copy of this document may be obtained by contacting the individual identified in Block 6 of this SF30.

The following clauses are applicable to this task order: FAR 52.228-3, Worker's Compensation Insurance (Defense Base Act); FAR 52.228-4, Workers Compensation and War Hazard Insurance Overseas; DFARS 252.228-7000, Reimbursement for War Hazard Losses; DFARS 252.228-7003 – Capture and Detention; DFARS 252.225-7043, Antiterrorism/Force Protection Policy for Defense Contractors Outside the United States; DFARS 252.209-7001, Disclosure of Ownership or Control by the Government of a Terrorist Country; and Section H clauses entitled "Contingency/War Clause" and "Services Furnished by the Government". Prior to the contractor deploying any employee outside the **Continental United States (OCONUS) into an area of operations** in support of a **contingency operations or exercise under** this task order, the contractor shall coordinate a Risk Assessment Plan (including a liability estimation) with the SETAC Contracting Officer.

H DIST

INTELLIGENCE AND SECURITY DIVISION DISTRIBUTION:

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

TASK ORDER MONITOR: [REDACTED]
[REDACTED]

MAILING ADDRESS: [REDACTED]
[REDACTED]

SUB-TASK 1, (BMC4I) MONITOR: [REDACTED]
[REDACTED]

SUB-TASK 2, (Eng & Integr) MONITOR: [REDACTED]
[REDACTED]

SUB-TASK 3, (Test & Simulation) MONITOR: [REDACTED]
[REDACTED]

SUB-TASK 4, (Life Cycle Mgmt) MONITOR: [REDACTED]
[REDACTED]

MAILING ADDRESS: [REDACTED]
[REDACTED]

PROGRAM MANAGEMENT POC: [REDACTED]
[REDACTED]

MAILING ADDRESS: [REDACTED]
[REDACTED]

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 9720400.2501 5Q-5Q07 P40603881C00.2016 255Y S01021 4N2THA124N/24N152/4N
COST 000000000000
CODE:
AMOUNT: \$404,000.00

AB: 9720400.2501 5Q-5Q07 P50604865C00.2014 255Y S01021 4N2PMD104N/24N154/4N
COST 000000000000
CODE:
AMOUNT: \$100,000.00

AC: 97 2 0400.2501 5Q-5Q07 40603880C00.1061 255Y S01021 24N616/4N26106001/4N0000
COST 000000000000
CODE:
AMOUNT: \$260,000.00

AD: 97 2 0400.2501 5Q-5Q07 40603880C00.1055 255Y S01021 24N551/4N25501001/4N0000
COST 000000000000
CODE:
AMOUNT: \$453,000.00

AE: 97 1 400.2501 5Q-5Q07 40603873C00.3155 255Y S01021 14N554/4N15514004/4N0000
COST 000000000000
CODE:
AMOUNT: \$78,000.00

AF: 97 2 0400.2501 5Q-5Q07 40603880C00.1011 255Y S01021 24N112/4N21102004/4N0000
COST 000000000000
CODE:
AMOUNT: \$257,000.00

AG: 9710400.2501 5Q-5Q07 P50604861C00.2260 255Y S01021 4N1THA424N/14N152/4N
COST 000000000000
CODE:
AMOUNT: \$44,800.00

AH: 97 1 0400.2501 5Q-5Q07 40603873C00.3265 255Y S01021 14N651/4N16501006/4N0000
COST 000000000000
CODE:
AMOUNT: \$124,700.00

AJ: 97 1 0400.2501 5Q-5Q07 40603874C00.3357 255Y S01021 14N577/4N15707002/4N0000
COST 000000000000
CODE:
AMOUNT: \$9,000.00

AK: 97 1 0400.2501 5Q-5Q07 40603874C00.3357 255Y S01021 14N576/4N15706002/4N0000
COST 000000000000
CODE:
AMOUNT: \$9,000.00

AL: 97 1 0400.2501 5Q-5Q07 40603873C00.3155 255Y S01021 14N551/4N15581010/4N0000
COST 000000000000
CODE:
AMOUNT: \$33,110.00

AM: 97 2 0400.2501 5Q-5Q07 40603880C00.1021 255Y S01021 24N212/4N22102002/4N0000

COST 000000000000
CODE:
AMOUNT: \$302,000.00

AN: 2122020.0000 0 82 7000 121011.00000 25FB 000000 MIPR2GAMCOA046 S6NERH 094619 MIPR NUMBER: MIPR2GAMCOA046
COST 000000000000
CODE:
AMOUNT: \$81,000.00

AP: 97 2 0400.2501 5Q-5Q07 40603880C00.1064 255Y S01021 24N644/4N26404003/4N0000
COST 000000000000
CODE:
AMOUNT: \$476,000.00

AQ: 9720400.2501 5Q-5Q07 P40603881C00.2016 255Y S01021 4N2THA134N/24N152/4N
COST 000000000000
CODE:
AMOUNT: \$5,200.00

AR: 97 2 0400.2501 5Q-5Q07 40603880C00.1071 255Y S01021 24N711/4N27101001/4N0000
COST 000000000000
CODE:
AMOUNT: \$100,000.00

AS: 97 2 0400.2501 5Q-5Q07 40603880C00.1065 255Y S01021 24N651/4N26501001/4N0000
COST 000000000000
CODE:
AMOUNT: \$55,000.00

AT: 97 2 0400.2501 5Q-5Q07 40603880C00.1065 255Y S01021 24N652/4N26502001/4N0000
COST 000000000000
CODE:
AMOUNT: \$25,000.00

AU: 5723400 302 4750 2CM033 010000 59200 35179F 503000 F78100 FSR: 053822 PSR: 603677 DSR: 244584
COST 000000000000
CODE:
AMOUNT: \$89,000.00

AV: 97 2 0400.2501 5Q-5Q07 40603880C00.1011 255Y S01021 24N110/4N2111014N/4N0000
COST 000000000000
CODE:
AMOUNT: \$35,000.00

AW: 97 2 0400.2501 5Q-5Q07 40603880C00.1064 255Y S01021 24N644/4N26404004/4N0000
COST 000000000000
CODE:
AMOUNT: \$299,000.00

AX: 97 2 0400.2501 5Q-5Q07 40603880C00.1064 255Y S01021 24N648/4N2642244N/4N0000
COST 000000000000
CODE:
AMOUNT: \$100,000.00

AY: 97X4930 AAPL 6X 6X29 MD2V00002A3 0 7AA 25FB 00 K01R7H 5D700 MIPR2HK0002M29 S36005
COST 000000000000
CODE:
AMOUNT: \$125,000.00

AZ: 97X4930 AAPL 6X 6X29 MDSV00002M0 0 7AA 25FB 00 K01XSM 5C100 MIPR2HK0002M34 S36005
COST 000000000000
CODE:
AMOUNT: \$200,000.00

BA: 97 3 0400.2501 5Q-5Q07 40603880C00.1071 255Y S01021 34N711/4N3711014N/4N0000
AMOUNT: \$250,000.00

BB: 97 2 0400.2501 5Q-5Q07 40603880C00.1021 255Y S01021 24N212/4N22102003/4N0000
COST 000000000000
CODE:
AMOUNT: \$217,000.00

BC: 97 2 0400.2501 5Q-5Q07 40603882C00.3012 255Y S01021 24N012/4N2124814N/4N0000
COST 000000000000
CODE:
AMOUNT: \$1,113,000.00

BD: 97 2 0400.2501 5Q-5Q07 40603880C00.1064 255Y S01021 24N648/4N2642264N/4N0000
COST 000000000000
CODE:
AMOUNT: \$348,000.00

BE: 9720400.2501 5Q-5Q07 P40603881C00.2016 255Y S01021 4N2THA174N/24N152/4N
COST 000000000000
CODE:
AMOUNT: \$40,000.00

BF: 97 2 0400.2501 5Q-5Q07 40603880C00.1064 255Y S01021 24N641/4N26401010/4N0000
COST 000000000000
CODE:
AMOUNT: \$100,000.00

BG: 5723600 292 4721 695001 101801 000000 503000 F03000 FSR: 050971 PSR: 555113 DSR: 144059
COST 000000000000
CODE:
AMOUNT: \$41,000.00

BH: 9720400.2501 BM-NMD1 40603882C00.3012.08-255Y Y9-2-MEV6Y9 S01021 Y92MEV6Y9/2Y9000/Y9
COST 000000000000
CODE:
AMOUNT: \$25,000.00

BJ: 97 2 0400.2501 5Q-5Q07 40603880C00.1011 255Y S01021 24N112/4N21102003/4N0000
COST 000000000000
CODE:
AMOUNT: \$58,000.00

BK: 97 2 0400.2501 5Q-5Q07 40603880C00.1064 255Y S01021 24N648/4N2642314N/4N0000
COST 000000000000
CODE:
AMOUNT: \$33,150.00

BL: 97 10400.2501 5Q-5Q07 P40603869C00.1262 255Y S01021 14N153/4N1MEA154N/4N0000
COST 000000000000
CODE:
AMOUNT: \$6,000.00

BM: 97 10400.2501 5Q-5Q07 40603876C00.3155 255Y S01021 14N552/4N15512003/4N00
COST 000000000000
CODE:
AMOUNT: \$18,587.00

BN: 97 3 0400.2501 5Q-5Q07 40603880C00.1065 255Y S01021 34N652/4N3652014/4N0000
AMOUNT: \$0.00

BP: 2122040 5X-5X07 273758.374 255Y RGXC12 MIPR2MDSI00028 S44008
COST 000000000000
CODE:

AMOUNT: \$300,000.00

BQ: 9720400.2501 5Q-5Q07 P50604865C00.2014 255Y S01021 4N2PMD254N/24N154/4N0000
COST 000000000000

CODE:
AMOUNT: \$90,000.00

BR: 97 2 0400.2501 5Q-5Q07 96000000000.1326 255Y S01021 24N326/4N2261294N/4N0000
COST 000000000000

CODE:
AMOUNT: \$100,000.00

BS: 9730400.2501 5Q-5Q07 40603880C00.1064 255Y S01021 4N3644014N/34N644/4N0000
COST 000000000000

CODE:
AMOUNT: \$100,000.00

BT: 97 3 0400.2501 5Q 5Q00 40603881C00.2093 2512 S01021 34BCTS/4B3CTS034B/40000
COST 000000000000

CODE:
AMOUNT: \$150,000.00

BU: 973 0400.2501 36-6011 P40603880C00 2514 JC3B520500 S01021 JC3B520500/3HHN10/H
AMOUNT: \$400,000.00

BV: 9730400.2501 5Q-5Q07 40603869C00.2014 255Y S01021 4N3MET044N/34N153/4N0000
AMOUNT: \$700,000.00

BW: 9730400.2501 5Q-5Q07 40603880C00.1064 255Y S01021 34N641/4N3641024N/4N0000
AMOUNT: \$50,000.00

BX: 9730400.2501 5Q-5Q07 40603880C00.1064 255Y S01021 34N641/4N3641014N/4N0000
AMOUNT: \$200,000.00

BY: 973 0400.2501 5Q-5Q07 40603880C00.1064 255Y S01021 34N642/4N3642034N/4N0000
AMOUNT: \$1,030,000.00

BZ: 9730400.2501 5Q-5Q07 40603880C00.1011 255Y S01021 4N3115014N/34N115/4N0000
AMOUNT: \$100,000.00

CA: 9720400.2501 5Q-5Q07 P50604865C00.2014 255Y S01021 4N2PMD354N/24N154/4N0000
AMOUNT: \$600,000.00

CB: 9720400.2501 5Q-5Q07 P50604865C00.2014 255Y S01021 4N2PMD364N/24N154/4N0000
AMOUNT: \$300,000.00

CC: 9730400.2501 5Q-5Q07 40603880C00.1064 255Y S01021 34N644/4N3644044N/4N0000
AMOUNT: \$799,000.00

CD: 9730400.2501 5Q-5Q07 40603880C00.1061 255Y S01021 4N3616014N/34N616/4N0000
AMOUNT: \$296,000.00

CE: 9720400.2501 5Q-5Q07 40603880C00.1055 255Y S01021 24N551/4N25501002/4N0000
AMOUNT: \$578,000.00

CF: 97 3 0400.2501 5Q-5Q07 40603880C00.1065 255Y S01021 34N651/4N3651014N/4N0000
AMOUNT: \$11,000.00

CG: 2132035 0000 57F 5F02 P528992 2516 S01021 MIPR3CFC200009 37AFC2
AMOUNT: \$155,000.00

CH: 9730300.2501 5Q-5Q07 10230000000.2014 255Y S01021 4N3PAT164N/34N301/4N0000
AMOUNT: \$120,000.00

CJ: 9730300.2501 5Q-5Q07 10230000000.2014 255Y S01021 4N3PAT214N/34N301/4N0000
AMOUNT: \$274,000.00

CK: 9730300.2501 5Q-5Q07 10230000000.2014 255Y S01021 4N3PAT114N/34N301/4N0000
AMOUNT: \$200,000.00

CL: 97 3 0400.2501 5Q-5Q07 40603880C00.1071 255Y S01021 34N711/4N3711024N/4N0000
AMOUNT: \$96,000.00

CM: 97 3 0400.2501 5Q-5Q07 40603880C00.1011 255Y S01021 34N115/4N3115054N/4N0000
AMOUNT: \$666,000.00

CN: 97 3 0400.2501 5Q 5Q00 50604861C00.2093 2512 S01021 34BCTX/4B3CTX054B/4B0000
AMOUNT: \$66,000.00

CP: 97 3 0400.2501 5Q-5Q07 96000000000.1585 255Y S01021 34N585/4N3585014N/4N0000
AMOUNT: \$25,000.00

CQ: 21 03032020 0000 3 5Q 5Q09 42212300000 25GY 34Q006 S01021 CRN: 4Q32R0B6RW
AMOUNT: \$0.00

CR: 21 32032 35Q 5Q09 P2310 2516 S01021 4Q3919K857D2/34Q919/CC: 4Q
AMOUNT: \$25,000.00

CS: 9730300.2501 5Q-5Q07 10230000000.2014 255Y S01021 4N3PAT094N/34N301/4N0000
AMOUNT: \$150,000.00

CT: 2132040 5X-5X07 273758.374 255Y RGXC12 MIPR3FDSI00012 S44008
AMOUNT: \$250,000.00

CU: 97 3 0400.2501 5Q-5Q07 96000000000.1575 255Y S01021 34N575/4N3575094N/4N0000
AMOUNT: \$430,000.00

CV: 21 32020 35Q 5Q09 P422123 25GY S01021 34Q006 CRN: 4Q32R0B6RW/JONO: 34Q006/CC: 4Q
AMOUNT: \$369,219.00

CW: 97 30300 2501 35Q 5Q10 P102300 2514 S01021 4Y39139B57D2/34Y900/4Y000
AMOUNT: \$117,860.00

CX: 97 3 0400.2501 5Q-5Q07 96000000000.1575 255Y S01021 34N575/4N3575124N/4N0000
AMOUNT: \$115,000.00

CY: 97 3 0400.2501 5Q-5Q07 64330899A.ASIAP S01021 34N001/4N3SAI084N/4N0000
AMOUNT: \$200,000.00

CZ: 9730300.2501 5Q-5Q07 10230000000.2014 255Y S01021 4N3PAT134N/34N301/4N0000
AMOUNT: \$600,000.00

DA: 97 2 0400.2501 5Q-5Q07 96000000000.1440 255Y S01021 24N401/4N2440094N/4N0000
AMOUNT: \$135,000.00

DB: 97 2 0400.2501 5Q-5Q07 96000000000.1440 255Y S01021 24N475/4N2475024N/4N0000
AMOUNT: \$150,000.00

DC: 97 3 0400.2501 5Q-5Q07 40603880C00.1011 255Y S01021 34N115/4N3115154N/4N0000
AMOUNT: \$100,000.00

DD: 2132040 36-9318 P643308.990-255Y JC3B680700 S01021 JC3B680700/3HHGAL/H
AMOUNT: \$2,500.00

DE: 97 3 0400.2501 5Q-5Q07 40603880C00.1065 255Y S01021 34N652/4N3652014N/4N0000
AMOUNT: \$27,000.00

DF: 2132020 78 1000 134E98.00 XMGH 00000 S92127 MIPR3K0AF00477 ADJD 31EL MIPR NUMBER: MIPR3K0AF00477

AMOUNT: \$70,000.00

DG: 97 3 0400.2501 5Q-5Q07 40603880C00.1055 255Y S01021 3N551/4N3551034N/4N0000
AMOUNT: \$19,000.00

DH: 9720400.2501 5Q-5Q07 P50604865C00.2014 255Y S01021 4N2PMD394N/24N154/4N0000
AMOUNT: \$0.00

DJ: 9720400.2501 5Q-5Q07 P50604865C00.2014 255Y S01021 4N2PMD404N/24N154/4N0000
AMOUNT: \$94,416.00

DK: 97 3 0400.2501 5Q-5Q07 96000000000.1575 255Y S01021 34N575/4N3575204N/4N0000
AMOUNT: \$285,000.00

DL: 97 3 0400.2501 5Q-5Q07 40603880C00.1011 255Y S01021 34N115/4N3115194N/4N0000
AMOUNT: \$64,000.00

DM: 97 3 0400.2501 5Q-5Q07 40603880C00.1064 255Y S01021 34N642/4N3642184N/4N0000
AMOUNT: \$200,000.00

DN: 97 3 0400.2501 5Q-5Q07 96000000000.1661 255Y S01021 34N661/4N3661044N/4N0000
AMOUNT: \$44,000.00

DP: 97 3 0400.2501 5Q-5Q07 40603880C00.1055 255Y S01021 3N551/4N3551044N/4N0000
AMOUNT: \$64,000.00

DQ: 97 4 0400.2501 5Q-5Q07 40603890C00.0106 255Y S01021 44N062/4N4062044N/4N0000
AMOUNT: \$162,000.00

DR: 2142040 6N 6N7H P6223032140511 255Y S01021 CRN: R344RK02RVXX JONO: 4R34RK CC: R3000 MRRN: R34121405
AMOUNT: \$100,000.00

DS: 97 4 0400.2501 5Q 5Q00 40603881C00.0603 2512 S01021 44BCTS/4B4CTS074B/4B0000
AMOUNT: \$274,000.00

DT: 97 4 0400.2501 36-6011 P40603888C00 2514 PK4C341000 S01021 PK4C341000/4HHK111/H
AMOUNT: \$565,000.00

DU: 97 4 0400.2501 5Q-5Q07 40603890C00.0106 255Y S01021 44N064/4N4064014N/4N0000
AMOUNT: \$438,000.00

DV: 973 0400.2501 36-6011 P30603175C00 2514 AG3A414000 S01021 AG3A414000/3HHA111/H
AMOUNT: \$96,024.00

DW: 9730300.2501 5Q-5Q07 10230000000.2014 255Y S01021 4N3PAT074N/34N301/4N0000
AMOUNT: \$50,000.00

DX: 21 3 2040.0000 5Q-5Q07 643305TR6 255Y S01021 34N003/4N3JDP244N/4N0000
AMOUNT: \$300,000.00

DY: 974 0400.2501 36-6011 P40603888C00 2514 JC4B550500 S01021 JC4B550500/4HHK60/H
AMOUNT: \$764,127.00

DZ: 21 4 2040 0000 5Q-5Q07 P643327S2600 S01021 4N003/4N41SI014N/4N0000
AMOUNT: \$1,000,000.00

EA: 21 4 2040 0000 5Q-5Q07 P643327S2400 S01021 4N001/4N41AS034N/4N0000
AMOUNT: \$810,000.00

EB: 21 4 2040 0000 5Q-5Q07 P643305TR300 255Y S01021 44N009/4N4MTT014N/4N0000
AMOUNT: \$500,000.00

EC: 21 4 2040 0000 5Q-5Q07 P64376690700 255Y S01021 44N010/4N4ASR014N/4N0000
AMOUNT: \$250,000.00

ED: 97 4 0400.2501 5Q-5Q07 40603890C00.0103 255Y S01021 44N103/4N4103014N/4N0000
AMOUNT: \$130,000.00

EE: 97 3 0400.2501 5Q-5Q07 40603880C00.1071 255Y S01021 34N711/4N3711034N/4N0000
AMOUNT: \$15,000.00

EF: 97 3 0400.2501 5Q-5Q07 40603880C00.1055 255Y S01021 3N551/4N3551054N/4N0000
AMOUNT: \$170,000.00

EG: 21 42020 45Q 5Q09 P422123.00000 2516 S01021 4Q42B0A9RWD2/45Q006/CC: 4Q
AMOUNT: \$506,878.00

EH: 21 42032 45Q 5Q10 P221071 2514 S01021 4Y49148B57D2 44Y900
AMOUNT: \$87,000.00

EJ: 21 32032 35Q 5Q09 P2310 2516 S01021 W23D607957D2/34Q630/34Q630/CC: 4Q
AMOUNT: \$150,000.00

EK: 21 4 2040 6N 6N7H P6223032G0211 255Y S01021 CRN: MIPR4ER36RK173 JONO: 4R36RK MRRN: R341G0201
AMOUNT: \$25,000.00

EL: 97 4 0400.2501 5Q-5Q07 40603880C00.0304 255Y S01021 44N042/4N4042014N/44N0000
AMOUNT: \$27,000.00

EM: 97 4 0400.2501 5Q-5Q07 40603880C00.0304 255Y S01021 44N041/4N4041014N/44N0000
AMOUNT: \$22,000.00

EN: 97 3 0400.2501 5Q-5Q07 40603880C00.1064 255Y S01021 34N649/4N3641934N/4N0000
AMOUNT: \$135,703.00

EP: 97 4 0400.2501 5Q-5Q07 40603882C00.0708 255Y S01021 44N708/4N4708014N/4N0000
AMOUNT: \$175,000.00

EQ: 21 4 2040.0000 5Q 5Q07 P172419.E5500 255Y S01021 44N002/4N4JLT044N/4N0000
AMOUNT: \$170,000.00

ER: 21 4 2040 0000 5Q-5Q07 P643327S3200 S01021 44N005/4N43JS254N/4N0000
AMOUNT: \$536,050.00

ES: 21 4 2040 0000 5Q-5Q07 64386901B00 255Y S01021 44N153/4N4MET034N/4N0000
AMOUNT: \$234,000.00

ET: 21 4 2040 0000 5Q-5Q07 P643327.E8800 255Y S01021 44N011/4N4IFC024N/4N0000
AMOUNT: \$2,110,000.00

EU: 1731319 84WW 255 SAS5D 0 068342 2D 960010 S30310000010 MIPR NUMBER: N0002403MP11284
AMOUNT: \$116,130.00

EV: 21 4 2040 0000 5Q-5Q07 P643327S2400 S01021 44N001/4N41AS284N/4N0000
AMOUNT: \$810,000.00

EW: 21 4 2040 0000 5Q-5Q07 P643327S2600 S01021 44N003/4N41SII74N/4N0000
AMOUNT: \$528,000.00

EX: 97 4 0400.2501 5Q-5Q07 40603890C00.0106 255Y S01021 44N063/4N4063074N/4N0000
AMOUNT: \$50,000.00

EY: 97 4 0400.2501 5Q-5Q07 40603889C00.0701 255Y S01021 44N701/4N4701134N/4N0000
AMOUNT: \$100,000.00

EZ: 97 4 0400.2501 5Q-5Q07 40603889C00.0703 255Y S01021 44N031/4N4703044N/4N0000
AMOUNT: \$146,000.00

FA: 21 4 2040 0000 5Q-5Q07 P643327S2400 S01021 44N001/4N41AS064N/4N0000
AMOUNT: \$225,000.00

FB: 97 4 0400.2501 5Q-5Q07 40603882C00.0708 255Y S01021 44N708/4N4708064N/4N0000
AMOUNT: \$52,000.00

FC: 21 4 2040 0000 5Q 5Q21 P643308978.ACSCS 255Y S01021 44L001/4L4SC0104L/4L0000
AMOUNT: \$200,000.00

FD: 97 3 0400.2501 5Q-5Q07 40603880C00.1011 255Y S01021 34N115/4N3115234N/4N0000
AMOUNT: \$90,000.00

FE: 21 4 2020 0000 5Q-5Q07 P135198 S01021 44NNDF/4N41NDF14N/4N0000
AMOUNT: \$500,000.00

FF: 97 4 0400.2501 5Q-5Q07 40603882C00.0708 255Y S01021 44N708/4N4708104N/4N0000
AMOUNT: \$100,000.00

FG: 21 4 2040 0000 5Q-5Q07 P643327S3400 255Y S01021 44N357/4N4SSE084N/4N0000
AMOUNT: \$200,000.00

FH: 21 4 2040 0000 5Q-5Q07 P643327S2400 255Y S01021 44N001/4N41AS404N/4N0000
AMOUNT: \$150,000.00

FJ: 97 4 0400.2501 5Q-5Q07 40603889C00.0701 255Y S01021 44N701/4N4701164N/4N0000
AMOUNT: \$77,660.00

FK: 21 4 2040 0000 5Q-5Q07 P643327S3400 255Y S01021 44N357/4N4SSE094N/4N0000
AMOUNT: \$105,000.00

FL: 97 3 0400.2501 5Q-5Q07 96000000000.1643 255Y S01021 34N043/4N3164384N/4N0000
AMOUNT: \$30,028.00

FM: 21 4 2040 0000 5Q-5Q07 P643327S3200 255Y S01021 44N005/4N41JS194N/4N0000
AMOUNT: \$213,638.00

FN: 21 4 2040 0000 5Q 5Q09 P273801.03600 252G S01021 4Q4LOG70RW/44QL07 CC: 4Q0000
AMOUNT: \$50,000.00

FP: 97 4 0400.2501 5Q-5Q07 40603889C00.0703 255Y S01021 44N031/4N4703054N/4N0000
AMOUNT: \$227,000.00

FQ: 97 3 0400.2501 5Q-5Q07 64330899A.ASIAP 255Y S01021 34N001/4N3SAI194N/4N0000
AMOUNT: \$260,959.00

FR: 97 3 0400.2501 5Q-5Q07 643305TR6 255Y S01021 34N003/4N3JDP284N/4N0000
AMOUNT: \$49,949.00

FS: 974 0400.2501 36 6011 P30603175C00 255Y AG4A370400 S01021 AG4A370400/4HHA17/H
AMOUNT: \$95,000.00

FT: 21 42032 45Q 5Q09 P2310 2516 S01021 W24D601557D2/44Q604/CC: 4Q
AMOUNT: \$340,000.00

FU: 21 5 2040 0000 5Q-5Q07 P643327S3200 255Y S01021 54N005/4N53JS094N/4N0000
AMOUNT: \$165,000.00

FV: 21 4 2040 0000 5Q-5Q07 P643327S2600 255Y S01021 44N003/4N41SI274N/4N0000
AMOUNT: \$1,050,000.00

FW: 21 4 2040 0000 5Q-5Q07 P643327S2400 255Y S01021 44N001/4N41AS424N/4N0000
AMOUNT: \$900,000.00

FX: 21 4 2040 0000 5Q-5Q07 64386901B00 255Y S01021 44N153/4N4MET204N/4N0000

AMOUNT: \$50,000.00

FY: 21 4 2040 0000 5Q-5Q07 64386901B00 255Y S01021 44N153/4N4MET194N/4N0000
AMOUNT: \$357,000.00

FZ: 21 5 2040 0000 5Q-5Q07 P643327S2600 255Y S01021 54N003/4N51SP014N/4N0000
AMOUNT: \$2,163,000.00

GA: 21 5 2040.0000 5Q 5Q00 P273801.03600 2512 S01021 54B004/4B5PIP024B/4B0000
AMOUNT: \$180,000.00

GB: 21 5 2040 0000 5Q-5Q07 P643327S2400 255Y S01021 54N001/4N51AS014N/4N0000
AMOUNT: \$140,000.00

GC: 97 5 0400 2501 36 2216 40603888C00 2514 W31RPD5327JWN4 5HHK03 S01021
AMOUNT: \$700,000.00

GD: 21 5 2040 0000 5Q 5Q21 P643308978 255Y S01021 54L001/4L5SC0024L/4L0000
AMOUNT: \$377,000.00

GE: 97 5 0400.2501 5Q-5Q07 40603889C00 255Y S01021 54N703/4N570301A4N/4N0000
AMOUNT: \$300,000.00

GF: 21 4 2040.0000 5Q-5Q11 4060386901B 2516 4R4WOOD046 S01021 4R4WOOD046/44REXE/4R
AMOUNT: \$1,000,000.00

GG: 21 5 2032.0000 5Q 5Q00 P231009.62017 2512 S01021 54B172/4B5MOD024B/4B0000
AMOUNT: \$160,000.00

GH: 97 5 0400.2501 5Q-5Q07 40603890C00.0103 255Y S01021 54N031/4N5103014N/4N0000
AMOUNT: \$98,000.00