ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)

February 2002

BUDGET ACTIVITY	PE NUMBER AND TITLE
7 - Operational system development	**0208010A - Joint Tactical Communications Program (TRI-TAC)**

COST (In Thousands)	FY 2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	35423	21428	14121	10822	10667	6318	8279	Continuing	Continuing
01D TACTICAL INTERNET MANAGEMENT SYSTEM	0	0	4888	4626	1488	0	0	0	11002
107 ISYSCON DEVELOPMENT	35423	21428	9233	6196	9179	6318	8279	Continuing	Continuing

A. Mission Description and Budget Item Justification: A requirement exists to automate Signal Corps units' capability to manage multiple tactical communications systems in support of battlefield operations. The Integrated System Control (ISYSCON) facility will provide centralized management of the tactical communications network, establish an interface with each technical control facility in the Army Battlefield Command System (ABCS) architecture, and enable automated configuration and management in a dynamic battlefield data network, provided by MSE and the ACUS MOD Programs. ISYSCON is being developed with incremental software releases. The ISYSCON Program serves as a baseline foundation to support future network management initiatives tied to and part of the digitized division and the Warfighter Information Network (WIN) Architecture. This program element will also interface with the WIN-Tactical Architecture and Network Management Facilities.

The ISYSCON (V)4 Tactical Internet Management System (TIMS) is also being developed to facilitate network planning and management of the Tactical Internet at Brigade and Below, as well as the Tactical Operations Centers (TOC) and Command Posts (CP) Local Area Network (LAN) at all required Echelons.

0208010A
Joint Tactical Communications Program (TRI-TAC)

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Exhibit R-2
Budget Item Justification

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)

February 2002

BUDGET ACTIVITY	PE NUMBER AND TITLE
7 - Operational system development	**0208010A - Joint Tactical Communications Program (TRI-TAC)**

B. Program Change Summary	FY 2001	FY 2002	FY 2003
President's Previous Budget (FY 2002 PB)	38563	21615	12150
Appropriated Value	38926	21615	0
Adjustments to Appropriated Value	0	0	0
a. Congressional General Reductions	0	-187	0
b. SBIR / STTR	-1147	0	0
c. Omnibus or Other Above Threshold Reductions	0	0	0
d. Below Threshold Reprogramming	-2000	0	0
e. Rescissions	-356	0	0
Adjustments to Budget Years Since FY2002 PB	0	0	1971
Current Budget Submit (FY 2003 PB)	35423	21428	14121

FY03 Adjustments to Budget Years reflect $1.971M plus up for testing.

0208010A
Joint Tactical Communications Program (TRI-TAC)

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Exhibit R-2
Budget Item Justification

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2A Exhibit) | February 2002

BUDGET ACTIVITY 7 - Operational system development	PE NUMBER AND TITLE 0208010A - Joint Tactical Communications Program (TRI-TAC)	PROJECT 01D

COST (In Thousands)	FY 2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
01D TACTICAL INTERNET MANAGEMENT SYSTEM	0	0	4888	4626	1488	0	0	0	11002

A. Mission Description and Budget Item Justification: The Integrated System Control(ISYSCON)(V)4/Tactical Internet Management System (TIMS) is being developed to do network planning and management of the Tactical Internet at Brigade and Below (Force Battle Command Brigade & Below-FBCB2), as well as the Tactical Operation Center (TOC) and Command Post (CP) Local Area Network (LAN) at all required Echelons. Starting in FY03, TIMS funding transitions to this new Project 01D from the ISYSCON (V)1/(V)2 Project D107.

The TIMS system supports the Legacy transition path of the Transformation Campaign Plan (TCP).

FY 2001 Accomplishments:
> Project begins in FY2003, FY2001 funding contained in ISYSCON PE 0208010A/Project 107

FY 2002 Planned Program
> Project begins in FY2003, FY2002 funding contained in ISYSCON PE 0208010A/Project 107

FY 2003 Planned Program
- 1178   TIMS Initiate Test & Evaluation (Release 4.0)
- 980   TIMS Initiate Requirement Analysis (Release 4.0)
- 1100   TIMS Initiate Systems Engineering (Release 4.0)
- 1630   TIMS Initiate Software Development (Release 4.0)

Total   4888

0208010A (01D)
TACTICAL INTERNET MANAGEMENT SYSTEM

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Exhibit R-2A
Budget Item Justification

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2A Exhibit)

February 2002

BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
7 - Operational system development	**0208010A - Joint Tactical Communications Program (TRI-TAC)**	**01D**

B. Other Program Funding Summary	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Compl	Total Cost
BX0007 ISYSCON	28816	32198	31366	18787	15691	5026	3047	Continuing	Continuing
0208010, Proj 107, ISYSCON	14726	7220	0	0	0	0	0	Continuing	Continuing
B93900 TIMS	0	0	11842	16363	4656	4647	4440	0	41948

C. Acquisition Strategy: The Tactical Internet Management System (ISYSCON (V)4/TIMS) was developed from Army Warfighter Experiments that showed tactical network management and planning to be extremely time consuming. A DD-2028 change to the ISYSCON Requirement Operational Capability (ROC) identified the need for Tactical Internet and Tactical Operation Command (TI and TOC) Local Area Network management. In Mar 99, PDM, Communications Systems Management (CMS) signed a delivery order under the PM, Force XXI Battle Command Brigade and Below (FBCB2) contract with TRW in response to the DD-2028 requirements. Raytheon is under contract to develop an Enhanced Position/Location Reporting System Network Manager (ENM) capability while TRW will develop the remaining TIMS functionality (TOC LAN MGT, Router Configurations, Tactical Internet Configurer/Tactical Internet Designer, etc) and integrate the ENM software onto a single platform. The TIMS is closely coupled to FBCB2 program events. An Operation Requirements Document (ORD) is in development to supercede the ISYSCON ROC/2028 Change and will be approved in 2QFY02. Release 1 of TIMS software was formally tested at the contractor's facility prior to the FBCB2 Customer Test (Apr 00). Release 2.1 was used for the FBCB2 Limited User Test 2 (DCX-1). Milestone C Limited Deployment was approved June 21, 2001. Release 2.2F was assessed at TIMS LUT2A in Dec 01. Software Release 2.5 IOT&E is scheduled for 1QFY03. Full Rate Production & Material Release 2.5 for TIMS is scheduled for 4QFY03. TIMS Release 4.0 will be issued in yearly PDSS.

D. Schedule Profile	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
TIMS IOT&E Release 2.5			1Q				
TIMS Initiate Release 4.0			2-4Q				
TIMS Full Rate Production (Release 2.5)			4Q				
TIMS Material Release (Release 2.5)			4Q				
TIMS (Release 4.0)				1-4Q			

0208010A (01D)
TACTICAL INTERNET MANAGEMENT SYSTEM

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Exhibit R-2A
Budget Item Justification

ARMY RDT&E COST ANALYSIS(R-3)

February 2002

BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
7 - Operational system development	**0208010A - Joint Tactical Communications Program (TRI-TAC)**	**01D**

I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . TIMS Software Development	CPFF/T&M	TRW, Carson, CA	0	0		0		3445	1Q	Continue	Continue	0
Subtotal:			0	0		0		3445		Continue	Continue	0

II. Support Cost	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			0	0		0		0		0	0	0

ARMY RDT&E COST ANALYSIS(R-3)

February 2002

BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
7 - Operational system development	**0208010A - Joint Tactical Communications Program (TRI-TAC)**	**01D**

III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			0	0		0		0		0	0	0

IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . TIMS Contractor Engr	See Remarks	Misc.	0	0		0		351	2Q	Continue	Continue	0
b . TIMS Government Engr	MIPR	Misc.	0	0		0		948	2Q	Continue	Continue	0
c . TIMS PM Support Core	MIPR	PM, WIN-T	0	0		0		64	2Q	Continue	Continue	0
d . TIMS Travel	MIPR	MISC	0	0		0		80	1-4Q	Continue	Continue	0
Subtotal:			0	0		0		1443		Continue	Continue	0
Project Total Cost:			0	0		0		4888		Continue	Continue	0

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2A Exhibit)   February 2002

BUDGET ACTIVITY 7 - Operational system development	PE NUMBER AND TITLE 0208010A - Joint Tactical Communications Program (TRI-TAC)	PROJECT 107

COST (In Thousands)	FY 2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
107 ISYSCON DEVELOPMENT	35423	21428	9233	6196	9179	6318	8279	Continuing	Continuing

A. Mission Description and Budget Item Justification: A requirement exists to provide Signal Corps units the automated capability to manage multiple tactical communication systems in support of battlefield operations. The Integrated System Control (ISYSCON) facility will provide centralized management of the tactical communication network, establish an interface with each technical control facility in the Army Battlefield Command System (ABCS) architecture, and enable automated configuration and management in a dynamic battlefield data network, provided by MSE and the ACUS MOD Programs. ISYSCON is being developed with incremental software releases. The ISYSCON Program serves as a baseline foundation to support future network management initiatives tied to and part of the digitized division and the Warfighter Information Network (WIN) architecture. This program element will also interface with the WIN-Tactical Architecture and Network Management Facilities.

The ISYSCON (V)4 Tactical Internet Management System (TIMS) is also being developed to do network planning and management of the Tactical Internet at Brigade and Below (Force Battle Command Brigade & Below), as well as the Tactical Operation Center Local Area Network (TOC LAN). Starting in FY03, TIMS funding transitions to a new Project, D01D, within PE 208010A.

The Joint Network Management System (JNMS) is a Commander in Chief (CINC), Commander Joint Task Force (CJTF) communications planning and management tool. It provides the capability to conduct high level planning (war planning); detailed planning and engineering; monitoring; control and reconfiguration; spectrum planning and management; and security of networks, in support of joint operations. The JNMS will be developed in phases: System Architecture, Key Performance Parameters (KPP) Threshold, and Threshold and Objective. JNMS funding transitioned to a separate Program Element (64783) and Project (D363) in FY02.

The ISYSCON and TIM systems support the Legacy transition path of the Transformation Campaign Plan (TCP). The JNMS system supports the Legacy to Objective transition path of the Transformation Campaign Plan (TCP).

BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
7 - Operational system development	**0208010A - Joint Tactical Communications Program (TRI-TAC)**	**107**

FY 2001 Accomplishments:

- 1915 ISYSCON Initiate P2 Inc 2 Systems Requirements Analysis
- 2763 ISYSCON Initiate P2 Inc 2 System Design
- 2770 ISYSCON Initiate P2 Inc 2 Software Coding
- 2749 ISYSCON Initiate P2 Inc 2 Software Unit & System Test
- 1400 TIMS Complete System Engineering (Release 2.1)
- 1385 TIMS Complete Software Development (Release 2.1)
- 750 TIMS Conduct Test and Evaluation (Release 2.1)
- 1900 TIMS Complete Requirements and Analysis (Release 2.2)
- 1500 TIMS Conduct Operational Assessment(Release 2.1B)
- 2493 TIMS Complete Systems Engineering(Release 2.2)
- 3348 TIMS Complete Software Development(Release 2.2)
- 950 TIMS Conduct Test & Evaluation (Release 2.2)
- 1000 TIMS Conduct Field Support(Release 2.1 & 2.2)
- 2475 JNMS Initiate Concept Requirement and Analysis
- 4025 JNMS Initiate System Design
- 3591 JNMS Initiate Software Integration
- 409 JNMS Initiate Training for User Evaluation

Total 35423

0208010A (107)
ISYSCON DEVELOPMENT

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Budget Item Justification

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2A Exhibit)

February 2002

BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
7 - Operational system development	**0208010A - Joint Tactical Communications Program (TRI-TAC)**	**107**

FY 2002 Planned Program

- 4602   ISYSCON Continue P2 Inc 2 Software Coding
- 4606   ISYSCON Continue P2 Inc 2 Software Unit & System Test
- 2400   ISYSCON Continue P2 Inc 2 Systems Requirement Analysis
- 2300   ISYSCON Continue P2 Inc 2 System Design
- 1550   TIMS Conduct LUT2A (Release 2.2F)
- 1100   TIMS Initiate Requirements and Analysis (Release 2.5)
- 1750   TIMS Initiate Systems Engineering (Release 2.5)
- 2200   TIMS Initiate Software Development (Release 2.5)
- 620   TIMS Conduct Test & Evaluation (Release 2.5)
- 300   WIN-Tactical Network Management and Associated Activities

Total   21428

FY 2003 Planned Program

- 2400   ISYSCON Complete P2 Inc 2 Software Coding
- 2800   ISYSCON Complete P2 Inc 2 Software Unit & System Test
- 1400   ISYSCON Conduct P2 Inc 2 Regresstion Test
- 1833   ISYSCON Initiate P2 Inc 3 Software Coding
- 800   ISYSCON Initiate P2 Inc 3 Software Unit & System Test

Total   9233

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2A Exhibit)

February 2002

BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
7 - Operational system development	**0208010A - Joint Tactical Communications Program (TRI-TAC)**	**107**

B. Other Program Funding Summary	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Compl	Total Cost
BX0007 ISYSCON EQ	28816	32198	31366	18787	15691	5026	3047	Continuing	Continuing
028010, Project 01D, Tactical Internet Management System (TIMS)	0	0	4888	4626	1488	0	0	0	11002

C. Acquisition Strategy: ISYSCON (V)1&2 Competitive Engineering and Manufacturing Development (EMD) contract was awarded to General Dynamics in September 92. ISYSCON Low Rate Initial Production (LRIP) decision - May 95. First Initial Operational Test and Evaluation (IOT&E) - Mar 1998. Second IOT&E conducted/completed - Oct 98. LRIP systems supported IOT&E. Successful Milestone III - Feb 99 for ISYSCON (V)1 and (V)2. ISYSCON Phase 2 Increment 1 and later versions of software supports the fielding of production systems starting with echelon corps and below units. The next Block Software Release provides Network Management for Echelons Above Corps (EAC), and interoperability with ABCS, JNMS, and WIN-Tactical. ISYSCON production systems include acquisition of Government Furnished Equipment (Common Hardware and Software(CHS)/Standardized Integrated Command Post System(SICPS)) hardware for the integration into system assemblages and fielding.

The Tactical Internet Management System (TIMS) was developed from Army Warfighter Experiments that showed tactical network management and planning to be extremely time consuming. A DD-2028 change to the ISYSCON Requirement Operational Capability (ROC) identified the need for Tactical Internet and Tactical Operation Command (TI and TOC) Local Area Network management. In Mar 99, PDM, Communications Management Systems (CMS)signed a delivery order under the PM, Force XXI Battle Command Brigade and Below (FBCB2) contract with TRW, and another with Raytheon under the PM, Tactical Radio Communications System (TRCS) contract, in response to the DD-2028 requirements. Raytheon is under contract to develop an Enhanced Position/Location Reporting System Network Manager (ENM) capability while TRW will develop the remaining TIMS functionality (TOC LAN MGT, Router Configurations, Tactical Internet Configurer /Tactical Internet Designer, etc.) and integrate the ENM software onto a single platform. The TIMS is closely coupled to FBCB2 program events. An Operation Requirements Document (ORD) is in development to supercede the ISYSCON ROC/2028 Change and will be approved in 2QFY02. Release I of TIMS software was formally tested at the contractor's facility prior to the FBCB2 Customer Test (Apr 00). Release 2.1 was used for the FBCB2 Limited User Test 2 (DCX-1) development test in Jan 00 and Release 2.1B was issued to 4th ID in Feb 01 to support the Division Capstone Exercise at NTC and the FBCB2 Limited User Test 2. Milestone C Limited Deployment was approved Jun 21, 2001. Release 2.2F was assessed at TIMS LUT2A in Dec 01. Software Release 2.5 IOT&E is scheduled for 1QFY03. Full Rate Production and Material Release for TIMS 2.5 is scheduled for 4QFY03. TIMS Release 5.0 will be issued in yearly PDSS & Software Enhancement Releases starting in 4QFY03.

Joint Network Management System (JNMS): TRADOC approved revision 2 to the ORD dated May 00. Milestone A/B approved Aug 2000. A competitive contract was awarded May 14, 2001 on a best value basis for the development and integration of the JNMS software.

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ISYSCON DEVELOPMENT

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Budget Item Justification

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2A Exhibit)

February 2002

BUDGET ACTIVITY **7 - Operational system development**	PE NUMBER AND TITLE **0208010A - Joint Tactical Communications Program (TRI-TAC)**	PROJECT **107**

D. Schedule Profile	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
ISYSCON Phase 2 - Increment 2 FQT			3Q				
ISYSCON Phase 2-Increment 3 FQT					1Q		
ISYSCON Phase 2 Increment 3 Operational Test					3Q		
ISYSCON Phase 3-Increment 1 FQT						3Q	
TIMS Milestone C Limited Deployment	3Q						
TIMS Release 2.1	1Q						
TIMS Release 2.2	3Q						
TIMS Milestone C - Limited Deployment	3Q						
TIMS LUT2A Release 2.2F		1Q					
JNMS Contract Award	3Q						

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ISYSCON DEVELOPMENT

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Budget Item Justification

ARMY RDT&E COST ANALYSIS(R-3)

February 2002

BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
7 - Operational system development	**0208010A - Joint Tactical Communications Program (TRI-TAC)**	**107**

I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . ISYS SW Development	CPAF/CPFF	GDC4S, Taunton, MA	99825	6614	1Q	12229	1Q	7471	1-2Q	Continue	126139	0
b . ISYS Award Fee Contingencies	CPAF	GDC4S, Taunton, MA	5427	901		0		0		0	6328	0
c . ISYS GFE	FFP	GDC4S, Taunton, MA	2239	0		90	1Q	0		0	Continue	0
d . TI MGR (1) Software Development	IDIQ	Raytheon, Fullerton, CA	650	0		0		0		0	650	0
e . TI MGR (2) Software Development	CPFF/TM	TRW, Carson, CA	11309	11834	1Q	5061	1Q	0		0	28204	0
f . TI MGR GFE	FFP	GSA and GDC4S, Taunton, MA	933	550	1Q	0		0		0	1483	0
g . JNMS Development	CPFF/TM/ FFP	SAIC, McLean, VA	0	10408	3Q	0		0		0	10408	0
Subtotal:			120383	30307		17380		7471		Continue	Continue	0

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ISYSCON DEVELOPMENT

Exhibit R-3
Cost Analysis

ARMY RDT&E COST ANALYSIS(R-3)

February 2002

BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
7 - Operational system development	**0208010A - Joint Tactical Communications Program (TRI-TAC)**	**107**

II. Support Cost	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			0	0		0		0		0	0	0

III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . ISYS Test Support	MIPR	TEXCOM/APG/EPG	2375	200	1Q	175	1Q	200	1Q	Continue	Continue	0
b . ISYS Accreditation	MIPR	Software Engineering Center	0	110	1Q	240	1Q	100	1Q	Continue	Continue	0
c . TI MGR (V)4 Test Support	MIPR	TEXCOM/APG/EPG	0	1000	1Q	935	1Q	0		Continue	1935	0
d . JNMS Accreditation	MIPR	Software Engineering Center	0	100	1Q	0		0		0	100	0
Subtotal:			2375	1410		1350		300		Continue	Continue	0

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ISYSCON DEVELOPMENT

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Exhibit R-3
Cost Analysis

BUDGET ACTIVITY
7 - Operational system development

PE NUMBER AND TITLE
0208010A - Joint Tactical Communications Program (TRI-TAC)

PROJECT
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IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . ISYS Contractor Engr	See remarks	MISC	17166	352	1Q	355	1Q	263	1Q	Continue	Continue	0
b . ISYS Government Engr	MIPR	MISC	11750	704	1Q	709	1Q	819	1Q	Continue	Continue	0
c . ISYS PM Support-Core	MIPR	PM WIN-T	1156	150	1Q	180	1Q	180	1Q	Continue	Continue	0
d . ISYS Travel	MIPR	MISC	989	150		230		200		Continue	Continue	0
e . TI MGR Contractor Engr	See Remarks	MISC	299	438	1Q	250	2Q	0		Continue	987	0
f . TI MGR Govermentt Engr	MIPR	MISC	556	424	1Q	773	2Q	0		Continue	1753	0
g . TI MGR PM Support - Core	MIPR	PM, WIN-T	0	52	1Q	61	2Q	0		Continue	113	0
h . TI MGR Travel	MIPR	MISC	65	80	1-4Q	140	1-4Q	0		Continue	285	0
i . JNMS Contractor Engr	See Remarks	MISC	0	512	1Q	0		0		0	512	0
j . JNMS Government Engr	MIPR	MISC	0	486	1Q	0		0		0	486	0
k . JNMS PM Support - CORE	MIPR	PM, WIN-T	0	158	1Q	0		0		0	158	0
l . JNMS Travel	MIPR	MISC	0	200	1-4Q	0		0		0	200	0

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ISYSCON DEVELOPMENT

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Exhibit R-3
Cost Analysis

ARMY RDT&E COST ANALYSIS(R-3)

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BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
7 - Operational system development	**0208010A - Joint Tactical Communications Program (TRI-TAC)**	**107**

IV. Management Services (continued)	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			31981	3706		2698		1462		Continue	Continue	0
Project Total Cost:			154739	35423		21428		9233		Continue	Continue	0

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ISYSCON DEVELOPMENT

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Exhibit R-3
Cost Analysis