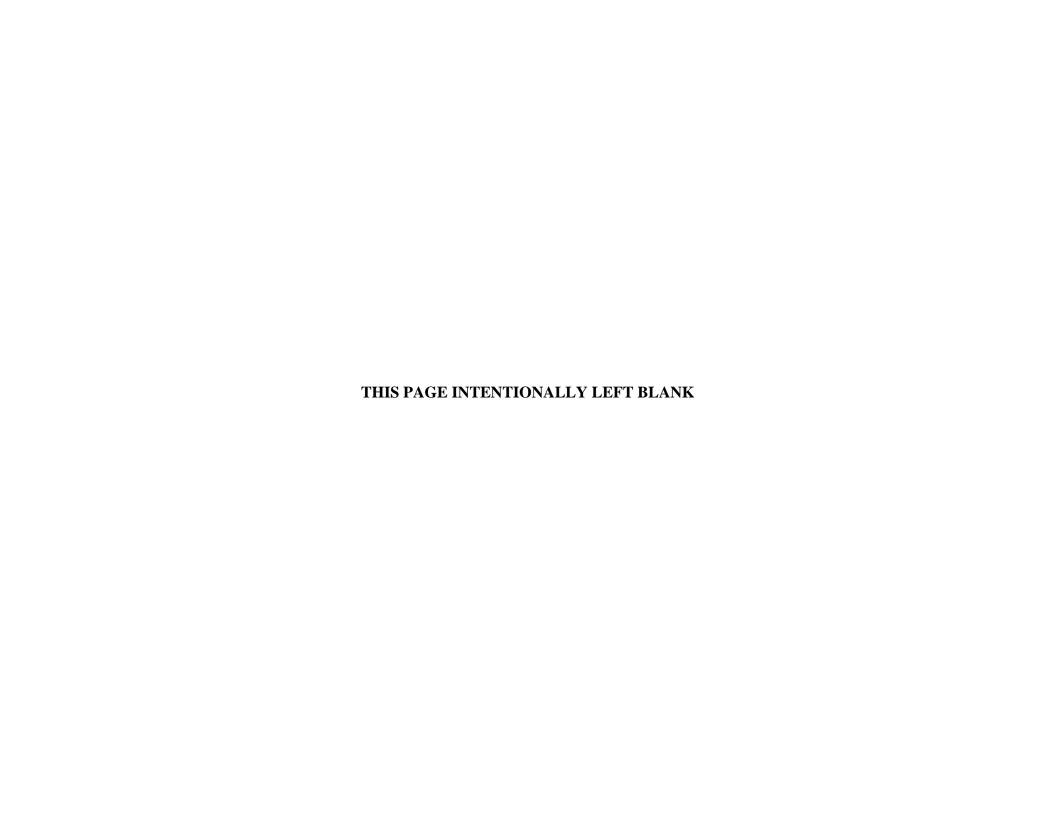
### Chemical Biological Defense Program

### Fiscal Year (FY) 2009 Budget Estimates

February 2008



**Procurement, Defense-Wide** 



# Table of Contents DoD Joint Service Chemical and Biological Defense Program Fiscal Year (FY) 2009 Budget Estimates

TABLE OF CONTENTS	j
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM OVERVIEW	ii
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM PROCUREMENT SUMMARY	vi
P-1 EXHIBIT FOR CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	1
LINE #89 - INSTALLATION FORCE PROTECTION	3
LINE #90 - INDIVIDUAL PROTECTION	27
LINE #91 - DECONTAMINATION	63
LINE #92 - JOINT BIO DEFENSE PROGRAM (MEDICAL)	79
LINE #93 - COLLECTIVE PROTECTION	103
LINE #94 - CONTAMINATION AVOIDANCE	128

THIS PAGE INTENTIONALLY LEFT BLANK

#### Department of Defense Chemical and Biological Defense Program Overview

#### Fiscal Year (FY) 2009 Budget Estimates

The DoD Chemical and Biological Defense Program (CBDP) is a key part of a comprehensive national strategy to counter the threat of chemical and biological weapons as outlined in the National Military Strategy to Combat Weapons of Mass Destruction, February 2006. The military mission is to dissuade, deter, defend, and defeat those who seek to harm the United States, its allies, and its partners thru WMD use or threat of use and, if attacked, mitigate the effects and restore deterrence. This mission is in direct support of the three pillars (non-proliferation, counterproliferation, and consequence management) of the National Strategy for Combating WMD. The DoD CBDP provides research, development, and acquisition (RDA) programs primarily to support the counterproliferation and consequence management pillars. In support of counterproliferation, the DoD CBDP provides passive defenses tailored to the unique characteristics of the various chemical and biological weapons, including emerging threats. These capabilities provide U.S. forces the ability to rapidly and effectively mitigate the effects of a CB attack against our deployed forces. In support of consequence management, the DoD CBDP provides capabilities to respond to the effects of WMD use against our forces deployed abroad, and the homeland.

The CBDP funds research to exploit leading edge technologies to ensure that U.S. forces are equipped with world class capabilities to defend against CB threats through the far term. This budget includes support of a comprehensive science and technology base program to ensure continued advances in CB defense capabilities. CBDP Science & Technology (S&T) research provides core capabilities to ensure U.S. technological advantages through the far term, including research into advanced chemical and biological detection systems, advanced materials for improved filtration systems and protection systems, advanced decontaminants, investigations into the environmental fate of chemical warfare agents, advanced information technologies, medical biological defense research (including novel biodefense initiatives that focus on interrupting the disease cycle before and after exposure, as well as addressing the bioengineered threat), diagnostics, therapeutics, and vaccines for viral, bacterial, toxin, and novel threat agents), and medical chemical defense (including investigations of low level chemical warfare agent exposures, diagnostics, therapeutics, pretreatments for classical chemical warfare threats and novel threat agents).

Technologies currently in Budget Activity 4 (Advanced Component Development and Prototypes) and Budget Activity 5 (System Development and Demonstration) provide leading edge tools that will enhance CB defense capabilities for U.S. forces in all CB defense missions in the near-term. The response to chemical and biological threats requires tailored approaches that recognize the fundamental differences between chemical and biological weapons (and even the different types of these threats). This budget details the comprehensive array of systems under development essential to support principles of contamination avoidance, protection, and decontamination.

Key systems in Budget Activity 4 and Budget Activity 5 in FY09 include: the Joint Chemical Agent Detector (JCAD) for portable point chemical agent detection, Joint Effects Model (JEM) and Joint Operational Effects Federation (JOEF) to provide risk management tools to the warfighter, Counterproliferation Advanced Concept Technology Demonstrations (ACTDs) and Advanced Technology Demonstrations (ATDs), Joint Service Sensitive Equipment Decontamination (JSSED), Joint Portable Decontamination System (JPDS), Joint Platform Interior Decontamination (JPID), Joint Service Transportable Decontamination System Large Scale (JSTDS-LS), Joint NBC Reconnaissance System (JNBCRS) Increments II and III, Joint Biological Point Detection System (JBPDS), Joint Biological Stand-off Detection System (JBSDS) Increment II, Advanced Anticonvulsant System (AAS), Bioscavenger, Improved Nerve Agent Treatment System (INATS), biological defense vaccines (including botulinum vaccine and plague vaccine), Critical Reagents Program (CRP) to support development of reagents for biological detection and diagnostic systems, Joint Service Chemical/Biological/Radiological Agent Water Monitor (JCBRAWM), Joint Bio Tactical Detection System (JBTDS), Joint Warning and Reporting Network (JWARN), Joint Expeditionary Collective Protection (JECP), Joint Service Aircrew Mask (JSAM) and Medical Radiological Countermeasures.

In FY09, the CBDP will start or continue procurement on a variety of CB defense systems intended to provide U.S. forces with the best available equipment to survive, fight, and win in CB contaminated environments. JNBCRS Increment III will begin procurement in FY09. Systems continuing procurement in FY09 include, Multi-Service Radiacs (MSR), Joint Service Transportable Decontamination System - Small Scale (JSTDS-SS), the Joint Effects Model (JEM), Joint Service General Purpose Mask (JSGPM), JWARN, Joint Biological Agent Identification and Diagnostic System (JBAIDS), Joint Service Lightweight Integrated Suit Technology (JSLIST), JNBCRS Increment I and Increment II, Joint Bio Point Detection System (JBPDS), biological defense vaccines, CB Protective Shelters (CBPS), Collective Protective Field Hospitals (CPFH), Collective Protection System Backfit (CPSBKFT), JCAD, JCBRAWM, and chemical and biological defense equipment for installation force protection.

Overall, the FY 2009 President's Budget achieves a structured, executable, and integrated medical and non-medical joint CB Defense Program that balances urgent short-term procurement needs that include securing the homeland from terrorist attack, and long-term S&T efforts to mitigate future CB attacks. A key element of the program is the Transformational Medical Technologies Initiative (TMTI). This program is a major FY06 Quadrennial Defense Review initiative for the development of new technologies to reduce risk from the likely emergence of genetically engineered or manipulated biological agents.

The program supports our commitment to ensure full dimensional protection for all our fighting men and women operating at home and abroad under the threat of chemical and biological weapons. All of these capabilities are integrated as a family-of-systems essential to avoid contamination and to sustain operational tempo on an asymmetric battlefield, as well as satisfy emerging requirements for force protection and consequence management. In summary, the DoD CBDP remains committed to establishing the optimal balance between the near term requirement to field modernized equipment to the field, and the need to protect and replenish our long term investment in technology.

THIS PAGE INTENTIONALLY LEFT BLANK

#### **Chemical/Biological Defense Procurement Program Summary**

#### (\$ in Millions)

FY 2007 Estimate 522.409 FY 2008 Estimate 547.527 FY 2009 Estimate 467.171

#### **Purpose and Scope of Work**

The DoD Chemical and Biological Defense Program (CBDP) is a key part of a comprehensive national strategy to counter the threat of chemical and biological weapons as outlined in the National Military Strategy to Combat Weapons of Mass Destruction, February 2006. The military mission is to dissuade, deter, defend, and defeat those who seek to harm the United States, its allies, and its partners thru WMD use or threat of use and, if attacked, mitigate the effects and restore deterrence. This mission is in direct support of the three pillars (non-proliferation, counterproliferation, and consequence management) of the National Strategy for Combating WMD. The DoD CBDP provides research, development, and acquisition (RDA) programs primarily to support the counterproliferation and consequence management pillars. In support of counterproliferation, the DoD CBDP provides passive defenses tailored to the unique characteristics of the various chemical and biological weapons, including emerging threats. These capabilities provide U.S. forces the ability to rapidly and effectively mitigate the effects of a CB attack against our deployed forces. In support of consequence management, the DoD CBDP provides capabilities to respond to the effects of WMD use against our forces deployed abroad, and the homeland.

#### **Justification of Funds**

Funding for this program was transferred from individual Service NBC defense procurement programs pursuant to Public Law 103-160, Title XVII.

NBC Contamination Avoidance/CB Battle Management - Procurement of equipment to enhance U.S. capability to detect, collect samples, identify and provide warning of imminent WMD threats on the battlefield.

- o FY07/08/09: Continues procurement of the Joint Biological Point Detection System (JBPDS); the Joint NBC Reconnaissance System (JNBCRS), a NBC detection and identification system; the Joint Warning & Reporting Network (JWARN) which integrates NBC legacy and future detector systems, NBC Warning and Reporting Software Modules, and NBC Battlefield Management Modules in the Joint Services Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) general-purpose, accredited model for predicting NBC hazards associated with the release of contaminants into the C4ISR systems; the Joint Effects Model (JEM), a general-purpose, accredited model for predicting NBC hazards; the Joint Chemical Agent Detector (JCAD) is an automatic, lightweight, man-portable, point-sampling, chemical warfare agent vapor detection/warning system; and the Multi-Service Radiacs (MSR), a family of nuclear radiation detectors that are used by the Army, Marines and Navy to detect and measure various forms of nuclear radiation in the battle space and in Operations Other Than War. The systems allow them to avoid contamination and to reduce their exposure when avoidance is not possible.
- o FY07: Continues procurement of the Reserve Component unit requirements and Automatic Chemical Agent Detector and Alarm (ACADA) for domestic preparedness response against WMD.
- o FY 08: Continues procurement of the Joint Bio Standoff Detector System (JBSDS), a system capable of providing near real-time detection of biological attacks/incidents and standoff early warning detection/warning of biological warfare (BW) agents at fixed sites or when mounted on multiple platforms; Joint Service Lightweight Standoff CW Agent Detector (JSLSCAD) a chemical vapor detection system that will furnish 360-degree on-the-move coverage from ground, air, and sea-based platforms at distances of up to two kilometers; and the Joint Operational Effects Federation (JOEF) a modeling and simulation tool required to determine the effects and assess the impact and risks associated with CBRN hazards, as well as Toxic Industrial Materials (TIM), on military operations.

o FY08: Completes procurement of the Critical Reagents Program (CRP) to ensure the quality and availability of reagents critical to the successful development, test, and operation of biological warfare detection systems; and NBC Recon Vehicle (NBCRV) a dedicated system of nuclear and chemical detection and warning equipment, and biological sampling equipment.

Force Protection - Procurement of Individual/Collective protection equipment and Vaccines (troop equivalent doses) to protect the soldier, sailor, airman or marine allowing personnel to operate in a contaminated CB environment.

- o FY07/08/09: Continues procurement of the Joint Service General Purpose Mask (JSGPM) a lightweight, protective Nuclear Biological Chemical mask system and Joint Service Chemical Environment Survivability Mask (JSCESM) a one size fits all, lightweight, and disposable mask that provides 2-8 hours of respiratory and face CB protection; protective clothing to include the Joint Service Lightweight Integrated Suit Technology (JSLIST) protective ensembles; a lightweight protective mask that will provide above-the-neck, head, eye/respiratory protection against CB agents, radioactive particles, and Toxic Industrial Materials (TIMs); the CB Installation/Force Protection Program, a suite of tiered sampling/collection, detection, identification and warning response designed to provide early, indoor/outdoor collection, detection, presumptive identification and warning capabilities; the Collective Protection System back fit installation on three Navy amphibious ship classes (LHA, LHD, and LSD); the CB Protective Shelter (CBPS) a highly mobile, self-contained collective protection system which provides a contamination free working area; CP Field Hospitals (CPFH) which provides Joint Service medical personnel NBC collectively protected medical treatment facilities; the Biological Vaccine Program that protects U.S. forces with FDA approved vaccines to protect against current and emerging WMD threats, which could be deployed against maneuver units or stationary facilities in the theater of operations; and Joint Bio Agent Identification and Diagnostic System (JBAIDS) a common medical test equipment platform for all the Military Services which will identify both BW agents and pathogens of operational concern, and will be used as a diagnostic tool by medical professionals to treat patients.
- o FY07/08: Continues production of the Joint Service Aircrew Mask (JSAM) system a lightweight, CB protective mask for all aircrew and the Joint Protective Aircrew Ensemble (JPACE) garment, which will provide aviators with improvements in protection from CB warfare agents, radiological particles, and TIMs.

o FY08/09: Initiates the Joint Service Chemical/Biological/Radiological Agent Water Monitor (JCBRAWM) program which will provide the ability to detect, identify, and quantify chemical, biological, and radiological contamination.

NBC Decontamination Systems - Procurement of a more transportable, less labor intensive, and more effective system for applying decontaminating solutions, removing gross contamination from vehicle and equipment surfaces, and maximizing the ability of units to remove contamination both on the move and during dedicated decontamination operations.

- o FY07/08/09: Continues procurement of the Joint Service Transportable Decontamination System Small Scale (JSTDS-SS) which will be transportable by a platform capable of being operated in close proximity to combat operations.
- o FY07/08: Continues the production of the Joint Service Personnel/Skin Decontamination System (JSPDS), which will be used by the war fighter to perform immediate decontamination of skin, field protective masks, mask hoods, chemical protective gloves, chemical protective boots and small scale weapons (under .50 caliber).

#### DEFENSE-WIDE FY 2008 PROCUREMENT PROGRAM

APPROPRIATION: 0300D PROCUREMENT, DEFENSE-WIDE BUDGET ACTIVITY 03: CHEMICAL/BIOLOGICAL DEFENSE

EXHIBIT P-1 DATE: FEBRUARY 2008

				MILLIONS O	F DOLLARS	
LINE		IDENT	FY 2007	FY 2008	FY 2009	FY 2010
NO.	ITEM NOMENCLATURE	CODE	QUANTITY COST	QUANTITY COST	QUANTITY COST	QUANTITY COST
CBDP						
89	INSTALLATION FORCE PROTECTION - JS1000		89.8	86.6	88.6	58.8
90	INDIVIDUAL PROTECTION - GP1000		89.2	126.7	80.2	84.7
91	DECONTAMINATION - PA1500		18.7	40.8	22.3	42.0
92	JOINT BIO DEFENSE PROGRAM (MEDICAL) - MA0800		46.9	55.6	38.7	54.4
93	COLLECTIVE PROTECTION - PA1600		43.3	39.6	37.8	41.7
94	CONTAMINATION AVOIDANCE - GP2000		234.5	198.3	199.6	265.3
	TOTAL CHEMICAL/BIOLOGICAL DEFENSE		522.4	547.5	467.2	546.9

1

THIS PAGE INTENTIONALLY LEFT BLANK

## Budget Line Item #89 INSTALLATION FORCE PROTECTION

THIS PAGE INTENTIONALLY LEFT BLANK

Exhibit P-40, Budg	et Item Justif	ication Shee	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/	3/CHEM-BIO DE	FENSE		P-1 Item Nome		(S1000) INSTAL	LATION FOR	RCE PROTEC	TION	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost	312.5	89.8	86.6	88.6	58.8	59.5			Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	312.5	89.8	86.6	88.6	58.8	59.5			Continuing	Continuing
Initial Spares										
Total Proc Cost	312.5	89.8	86.6	88.6	58.8	59.5			Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

**DESCRIPTION:** The Installation Force Protection Program provides Chemical, Biological, Radiological, and Nuclear (CBRN) protection for CONUS/OCONUS DoD installation physical structures as well military personnel and others within the perimeter of the military reservation. Also, this program supports the acquisition of CBRN defense equipment requirements for the National Guard Bureau's Weapons of Mass Destruction Civil Support Teams (WMD-CST) and the United States Army Reserve (USAR) Reconnaissance and Decontamination Platoons.

The Chemical, Biological, Radiological, and Nuclear (CBRN) Installation Protection Program (IPP) provides military installations with a highly effective and integrated CBRN installation protection and response capability. This capability consists of a Family of Systems (FoS) that includes detection, identification, warning, information management, individual and collective protection, restoration, medical surveillance, protection and response. The FoS sensor and communications network will leverage existing installation capabilities and will be integrated into the base operational command and control infrastructure. The program will procure a common suite of equipment that will be tailored for each installation utilizing both commercial sources and readily available Government Furnished Equipment (GFE). The final delivery of protection suite equipment and capability will vary for each site based upon individual installation requirements, threats and equipment already on-hand. The program will procure the CBRN systems, Emergency Responder Equipment Sets, New Equipment Training (NET), Contractor Logistics Support, spares, and associated initial consumable items required to field an integrated installation protection capability.

The WMD-CST program supports the acquisition and delivery of an integrated chemical, biological, and nuclear analytical detection and rapid response capability for the National Guard Bureau's Weapons of Mass Destruction CSTs and the United States Army Reserve (USAR) Chemical Reconnaissance and Decontamination Platoons. Capabilities include a state-of-the-art Command, Control, Communications, Computer, and Intelligence (C4I) system that enables secure communications with federal, state, and local authorities from a WMD incident site.

**JUSTIFICATION:** Installation Force Protections primary objective is to strengthen efforts for improving DoD installations against Chemical and Biological (CB) threats. WMD-CST allows for the equipping of Reserve Component units to provide enhanced response capabilities and to provide for additional support against the threat of terrorist CB attacks to American cities and communities in emergency and disaster situations. Also, this effort allows selected National Guard and other reserve component units to respond to and contain the effects of CB incidents in this country. Advanced chemical defensive equipment is required to enhance US capability to detect and identify threat agents in the battle space and the homeland.

Exhibit P-5, Weapon		PROCUREME	activity/Serial N SE-WIDE/3/CHE		(JS1000)	Item Nomencla INSTALLATI			Weapon Syste	т Туре:	Date: Febru	ıary 2008
WPN SYST Cost Analysis		DEFENSE			PROTEC	CTION						
Weapon System	ID		I		FY 07			FY 08	1		FY 09	** . ~
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
WHAT CHILL SUPPORT TO A M FOUNDATION				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
WMD - CIVIL SUPPORT TEAM EQUIPMENT				30746			800					
CB INSTALLATION FORCE PROTECTION PROGRAM				59019			85829			88565		
TOTAL				89765			86629			88565		

Exhibit P-40, Budş	get Item Justif	ication She	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE	/3/CHEM-BIO DE	FENSE		P-1 Item Nome		004) WMD - CI	/IL SUPPORT	TEAM EQU	IPMENT	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost	78.3	30.7	0.8						Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	78.3	30.7	0.8						Continuing	Continuing
Initial Spares										
Total Proc Cost	78.3	30.7	0.8						Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

**DESCRIPTION:** This program supports the acquisition and delivery of an integrated chemical, biological, and nuclear analytical detection and rapid response capability the National Guard Bureau's Weapons of Mass Destruction Civil Support Teams (WMD-CST), the United States Army Reserve (USAR) Chemical Recon and Decon Platoons and the 20th Support Command Nuclear Disablement (NDT) and Chemical Biological Radiological Nuclear and Explosive (CBRNE) Teams. Capabilities include a state-of-the-art Command, Control, Communications, Computer, and Intelligence (C4I) system that enables secure communications with federal, state, and local authorities from a WMD incident site.

Major end items for this commercial off-the-shelf (COTS) based acquisition program include the Analytical Laboratory System (ALS), and the Unified Command Suite (UCS) for the WMD-CST. The ALS provides a mobile laboratory platform that incorporates advanced analytical detection technology for the identification of Chemical Warfare (CW) agents, Toxic Industrial Chemicals (TICs), Toxic Industrial Materials (TIMs), Biological Warfare (BW) agents. The UCS provides secure communications interoperability with the ALS and reach back capability to federal, state, and local authorities from the incident site. The Commercial off-the-shelf Small Projects Acquisition (C-SPA) effort provides a systemized methodology for selecting, verifying and validating Commercial off-the-shelf (COTS) equipment under consideration for fulfilling unmet requirements documented in the WMD-CST and USAR Tables of Distribution and Allowances. C-SPA ensures equipment purchases meet established standards of performance before purchase and distribution to units.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2008
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		(JS0	004) WMD - CIVIL SUPPORT TEAM EQUIPMENT
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj CM4; 0604384BP/Proj CM5	В			

#### RDT&E Code B Item

This Commercial off-the-shelf (COTS) based acquisition program supports the development of an upgraded analytical detection capability designed to improve the selectivity and sensitivity of the Analytical Laboratory System (ALS Increment 1), enhanced command, control, communications, computers, and intelligence (C4I) systems capability for the Unified Command Suite (UCS Increment 1), and training devices for the Weapons of Mass Destruction Civil Support Teams (WMD CSTs). In addition, this program tests and evaluates COTS protection, detection and decontamination component equipment against established criteria in order to determine there ability to meet, WMD CST and United States Army Reserve (USAR) Recon and Decon Platoon, and 20th Support Command Nuclear Disablement (NDT) and Chemical, Biological, Radiological, Nuclear and Explosive (CBRNE) Teams requirements. The ALS provides a mobile laboratory platform that incorporates advanced analytical detection technology for the identification of Chemical Warfare (CW) agents, Toxic Industrial Chemicals (TICs), Toxic Industrial Materials (TIMs), Biological Warfare (BW) agents. The UCS provides secure communications interoperability with the ALS and reach back capability to Federal, State, and Local authorities from the incident site.

RDT&E FY06 and Prior - 27.2M; FY07 - 4.0M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
ALS INCREMENT 1 PROGRAM	10 FY03	4Q FY08
Inc 1 - System Verification Test	3Q FY07	4Q FY07
Inc 1 - Fielding	1Q FY08	4Q FY08
UCS INCREMENT 1 PROGRAM	1Q FY04	3Q FY08
Inc 1 - Fielding	2Q FY07	3Q FY08

Exhibit P-5, Weapon WPN SYST Cost Analysis		 _	Activity/Serial N			Item Nomencla WMD - CIVIL IENT		EAM	Weapon Syster	т Туре:	Date: Febru	uary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
UCS INCREMENT 1  UCS Increment 1 Upgrade  IPV4 to IPV6 Comms Standard  Engineering Support  LOUISIANA CST - CONGRESSIONAL				5050 2326 370	11 64	459 36.344						
Integrated Communications System							800	1	800			
ALS INCREMENT 1 System Verification Test ALS Increment 1 Upgrade Filtration System Upgrade Engineering Support System Fielding Support				270 4158 2438 464 970	11 63	378 38.698						
COTS-SMALL PROJECTS ACQUISITION (C-SPA) C-SPA Ahura First Defenders Chem Bio Detection, PPE, Decon Equipt Modernization				2560 4400	65 63	39.385 69.841						
FLORIDA CST #2 STAND UP  ALS Block 0  UCS Baseline  Chem Bio Detection, PPE, Decon Equipment Set				470 1300 850	1 1 1	470 1300 850						
NEW YORK CST #2 STAND UP  ALS Block 0  UCS Baseline Chem Bio Detection, PPE, Decon Equipment Set				470 1300 850	1 1 1	470 1300 850						
20TH SUPPORT COMMAND - NDT / CBRNE Chem, Bio, PPE, Detection, Decon Equipment Set TOTAL				2500 <b>30746</b>	3	833	800					

	Exhibit P-5a, Budget	Procurement His	story and Planning					Date:	February 200	)8
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/:	3/CHEM-BIO DEFENSE	Weapon System Type	e:			tem Nomeno 60004) WMI		PPORT TEAN	И EQUIPMI	ENT
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
Integrated Communications System FY 08	Unknown	MIPR	RDECOM, Edgewood,	Feb-08	May-08	1	800000	Yes		
ALS Increment 1 Upgrade FY 07	EAI Corporation, Abingdon, MD	C/CPIF Opt #1	RDECOM, Edgewood,	Dec-06	Dec-08	11	378000	Yes		Jun-06
Chem Bio Detection, PPE, Decon Equipt Modernization FY 07	Unknown	MIPR	RDECOM, Edgewood,	Feb-08	May-08	63	69841	Yes		
Florida CST #2 Stand Up FY 07	SOFSA, Lexington, KY	MIPR	Supply Support Activity, Lexington, KY	Aug-07	Jul-08	1	2620000	Yes		
New York CST #2 FY 07	SOFSA, Lexington, KY	MIPR	Supply Support Activity, Lexington, KY	Aug-07	Jul-08	1	2620000	Yes		
REMARKS:										

	Exhibit P-5a, Budget P	rocurement Hist	ory and Planning					Date: F	ebruary 200	8
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It (JS	em Nomeno 0004) WMI	elature: O - CIVIL SUI	PPORT TEAM	I EQUIPME	NT
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
20th Support Command - NDT/CBRNE FY 07	Strategic Response Initiatives, Watervliet, NY	MIPR	US Army Watervliet Arsenal, Watervliet, NY	Dec-07	Apr-08	3	833333	Yes		
REMARKS:										

	Ershihit D21 Duoduseti	ion C	ob odvilo			P-1 Item	Nomenclat		S0004	\ <b>W</b> / <b>N</b> /	m (	TVII	CLID	D∩D′	r te /	AM E	OUII	OMEN	т				]	Date:			Eal	bruary	2009	>		
	Exhibit P21, Producti	on S	cneauie					(3)	30004	) W W	ID - (		scal Y			AIVI E	QUII	TWIEN	1					F	iscal	Year		bruary	2000	<b>S</b>		
				S	PROC	ACCEP	BAL								Cal	endaı	r Yea	r 07								Caler	dar Y	Year 0	8			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	A T E R
*****													_																			
	ement 1 Upgrade	2	FY 06	NG	51		51	A		-			_				4	4	4	5	4	4	4	5	4	4	4	5				
	ement 1 Upgrade	2	FY 06	NG	51		51	A		_			_				4	4	4	5	4	4	4	5	4	4	4	5				
ALS Incr	ement 1 Upgrade	4	FY 06	NG	52		52			$\overline{}$		$\dashv$	$\dashv$													┢			10	10	10	22
UCS Incr	ement 1 Upgrade	2	FY 07	NG	11		11			A			$\dashv$		4	4	3									H						
ALS Incre	ement 1 Upgrade	4	FY 07	NG	11		11			Α																						11
C-SPA A	hura First Defenders	6	FY 07	NG	65		65										A		65													
Chem Bio	Detection, PPE, Decon Equipt Modernizat	5	FY 07	NG	63		63																	Α			17	17	17	12		
Florida C	ST #2 Stand Up	7	FY 07	NG	1		1											Α											1			
New Yorl	x CST #2	7	FY 07	NG	1		1											Α											1			
20th Supp	oort Command - NDT/CBRNE	8	FY 07	A	3		3															A				3						
													_																			
Integrated	Communications System	5	FY 08	NG	1		1			_			_											Α		╙	1					
										_			_													_						
										_			_													╙						
										_			_													_						
										_			_													_						
										_			_																			
										_			_													_						
													-													Н						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES										L	.EAD	TIME	S					ТОТА	L		REM.	ARKS					
													A	dmini	strativ				Produ	iction												
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	or 1 O	ct		ter 1 C				1 Oct			fter 1 (		1							
1	Rae Systems, Inc., San Jose, CA		1		3	60	E	_	nitial / l				0/0			10 / 2				/ 10			23 / 12		-							
2	Naval Air Warfare Center Aircraft Div, St. Inigoe	s, MD	1		4	8	Е	_	nitial / l				1 / 1			12 / 2				/ 6			22 / 8		-							
3	Wolfcoach, Auburn, MA		1		4	8	Е		nitial / l				1 / 1			2/2			7				9/9		-							
4	EAI Corporation, Abingdon, MD		1		5	12	Е	_	nitial / l				0/0			10 / 2				/ 29			35 / 3		1							
5	Unknown		1		20	25		_	nitial / l				1/1			16/4			4				20 / 8		1							
6	Ahura Scientific, Inc., Wilmington, MA		1		140	150	Е		nitial / l				0/0			9/9			3 /				12 / 13		1							
7	SOFSA, Lexington, KY		1		4	5			nitial / l				0/0			10 / 10				/ 12			22 / 2		1							
8	Strategic Response Initiatives, Watervliet, NY		1		8	10		li	nitial / l	Keorde	er		0/0	_		14 / 14			5 /	/ 5			19 / 19	9	4							

						P-1 Item	Nomenclat																	Date:			_			_		
	Exhibit P21, Produc	tion S	chedule					(J:	S0004	) WM	ИD - (					AM E	QUII	PMEN	ΙΤ									bruary	2008	3		
												F	iscal `	Year										I		Year						L
				S	PROC	ACCEP	BAL									endaı	r Yea	ar 09								Caler		Year 1	.0			Α
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
ALS Incre	ement 1 Upgrade	4	FY 06	NG	52	30	22	10	10	2																						
ALS Incre	ement 1 Upgrade	4	FY 07	NG	11		11			7	4															$\vdash$						
																	_									$\vdash$						
																									$\vdash$	┢						
																									$\vdash$	╀						
																									H	-						
																										Н						
																										$\vdash$						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES											LEAD	TIME	ES					TOTA	L		REM	ARKS					
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pr	ior 1 C	Admini Oct		re fter 1 C	Oct			uction 1 Oct		А	fter 1	Oct								
1	Rae Systems, Inc., San Jose, CA		1		3	60	Е	Iı	nitial / l	Reorde	er		0/0			10 / 2				/ 10		_	23 / 1		1							
2	Naval Air Warfare Center Aircraft Div, St. Inigo	es, MD	1		4	8	Е		nitial / l				1 / 1			12 / 2				/ 6		_	22 / 8		4							
3	Wolfcoach, Auburn, MA		1		4	8	E	_	nitial / l				1/1			2/2				/7			9/9		-							
4	EAI Corporation, Abingdon, MD		1		5	12	Е		nitial / l				0/0			10 / 2				/ 29		$\vdash$	35 / 3		-							
5 6	Unknown  Ahura Scientific, Inc., Wilmington, MA		1		20 140	25 150	Е		nitial / l nitial / l				1 / 1 0 / 0			16/4 9/9				/4		-	20 / 8		1							
7	SOFSA, Lexington, KY		1		4	5	E	_	nitial / l				0/0			10 / 10	)			/ 12		$\vdash$	22 / 2		1							
8	Strategic Response Initiatives, Watervliet, NY		1		8	10			nitial / l				0/0			14 / 14				/ 12			19 / 1		1							
																									1							

Exhibit P-40, Bu	et		Ι	Date:	F	ebruary 2008						
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIL	PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFENSE				P-1 Item Nomenclature (JS0500) CB INSTALLATION FORCE PROTECTION PROGRAM							
Program Elements for Code B Items: Code: Other Rel				Related Program Elements:								
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog		
Proc Qty												
Gross Cost	227.0	59.0	85.8	88.6	58.8	59.5				578.8		
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	227.0	59.0	85.8	88.6	58.8	59.5				578.8		
Initial Spares												
Total Proc Cost	227.0	59.0	85.8	88.6	58.8	59.5				578.8		
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The Chemical, Biological, Radiological, and Nuclear (CBRN) Installation Protection Program (IPP) provides military installations with a highly effective and integrated CBRN installation protection and response capability. This capability consists of a tiered Family of Systems (FoS) that includes detection, identification, warning, incident management, individual and collective protection, medical surveillance, protection, response and initial recovery. The Baseline Tier consists of non-material solutions to include training materials, military and civilian CONOPS and Memorandum of Agreement (MOA) templates, and exercise plans and scenarios. Tier 1 adds to the Baseline Tier by providing material solutions to include CBRN portable and handheld detection, mass casualty response capability, individual protective equipment, incident management systems, and first responder pharmaceuticals. Tier 2 consists of the Baseline and Tier 1 capabilities and adds collective protection, decision support systems, and fixed radiological, chemical, and biological sensors. This approach is flexible enough to accommodate the needs of specific installations, while standardizing major system elements to provide cost effective solutions. The program will procure a common suite of equipment that will be tailored for each installation utilizing both commercial sources and readily available government furnished equipment (GFE). The final delivery of protection suite equipment and capability will vary for each site based upon individual installation requirements, threats and equipment already on-hand. The contractor is responsible for the preparation and conduct of new equipment training (NET), table top, and fielding exercises. The Joint Project Manager provides one year of integrated logistics support (ILS) to the installation following fielding. The program will procure and field capability tiered systems to approximately 139 high priority CONUS and OCONUS DoD installations thru FY 11.

JUSTIFICATION: FY09 funds will procure, install and field 15 installation equipment sets.

Exhibit P-40C, Budget Item Justific	ation Sheet	t		Date: February 2008
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		(JS0500)	CB INSTALLATION FORCE PROTECTION PROGRAM
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0604384BP/Proj CM5				

The Chemical, Biological, Radiological, and Nuclear (CBRN) Installation Protection Program (IPP) provides military installations with a highly effective and integrated CBRN installation protection and response capability. This capability consists of a tiered Family of Systems (FoS) that includes detection, identification, warning, incident management, individual and collective protection, restoration, medical surveillance, protection and response. The tiered FoS sensor and communications network will leverage existing installation capabilities and will be integrated into the base operational command and control infrastructure. The program will procure a common suite of equipment that will be tailored for each installation utilizing both commercial sources and readily available government furnished equipment (GFE). The final delivery of protection suite equipment and capability will vary for each site based upon individual installation requirements, threats and equipment already on-hand. The program utilizes a contractor to procure the commercial off-the-shelf (COTS) CBRN systems and sensors and emergency responder equipment sets. The contractor is responsible for the preparation and conduct of new equipment training (NET) and fielding exercises. The contractor will assemble, deliver and install the specific items of equipment needed to optimize CBRN protection and response capability at each targeted installation and provides one year of integrated logistics support (ILS) to the installation following fielding. The Government Joint Project Manager (JPM) procures government off-the-shelf systems from existing program managers or item mangers and delivers these systems/items to the contractor for integration with required COTS equipment and fielding to the installation.

RDT&E FY09 - 2.5M; FY10 - 3.0M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
Technology Evaluation	1Q FY09	4Q FY09
System Architecture Development	1Q FY10	4Q FY10
Bio-Collection/Detection Evaluation	1Q FY10	4Q FY10

Exhibit P-5, Weapon WPN SYST Cost Analysis		11 1	ppropriation/Budget Activity/Serial No. ROCUREMENT DEFENSE-WIDE/3/CHEM-BIO EFENSE		(JS0500)	Item Nomencla CB INSTALLACTION PROGR	ATION FORCE	Ξ	Weapon Syster	п Туре:	Date: Febru	uary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
IPP TIER 1 (T1) INSTALLATIONS - CONUS  T1 CONUS Contract Site Survey and Design T1 CONUS Contract Prime Mission Equipment T1 CONUS Contract Integration and Fielding T1 CONUS Government Integration and Fielding T1 CONUS Contract Test and Evaluation T1 CONUS Contract Systems Engineering/ Program Management T1 CONUS Contract Integrated Logistics Support T1 CONUS Contract Training and Exercise T1 CONUS Government Training and Exercise				9407 3627 447 613 1663 504 4185	9 9 9 9	1045 403 49.667 68.111	5184 13002 4997 612 852 8904 754 5691 252	12 12 12 12 12 12	1084 416 51 71	3973 10720 3859 481 653 6845 595 4362 193	9 9 9 9	441 1191 429 53.444 72.556
IPP TIER 2 (T2) INSTALLATIONS - CONUS  T2 CONUS Contract Site Survey and Design T2 CONUS Contract Equipment Procurement T2 CONUS Contract Test and Evaluation T2 CONUS Contract Integration and Fielding T2 CONUS Government Integration and Fielding T2 CONUS Contract Systems Engineering/ Program Management T2 CONUS Contract Integrated Logistics Support T2 CONUS Contract Training and Exercise T2 CONUS Government Training and Exercise										1034 779 243 1500 45 761 261 621	1 1 1 1 1 1	1034 779 243 1500 45 761
IPP GOVERNMENT FURNISHED EQUIPMENT (GFE) CONUS Fixed Site Dry Filter Unit Portable Dry Filter Unit Fixed Site Chemical Detector Radiation Portal Monitor POV Radiation Portal Monitor Commercial Vehicle Bio Sample Collection Kit ICAM				491 3 121	72 9 24	6.819 0.333 5.042	668 4 130	96 12 25	0.333	25 512 221 157 120 4 111		4.167 7.111 22.100 78.500 120 0.400 5.286

Exhibit P-5, Weapon WPN SYST Cost Analysis		 Appropriation/Budget Activity/Serial No. PROCUREMENT DEFENSE-WIDE/3/CHEM- DEFENSE		•		ALLATION FORCE OGRAM		Weapon System Type:		Date: Febru	ary 2008
Weapon System	ID			FY 07			FY 08			FY 09	
Cost Elements	CD		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Portable Chemical Monitor (M22 and auxiliary equipment)			350	26	13.462	606	44	13.773	549	39	14.077
AN/PDR-77 Radiation Detector and Subassembly AN/PDQ-1 Portable Radiation Detector with Radiac Probe			406	48	8.458	95 29	11 14	8.636 2.071	53 25	6 12	8.833 2.083
AN/UDR-14 Radiation Dosimeter EPD Mark II Radiation Dosimeter and Accessories			365 12	488 30	0.748 0.400	47 293	61 731	0.770 0.401	48 245	61 600	0.787 0.408
EPD N-2 Radiation Dosimeter and Accessories ADM-300 C Portable Radiation Detector Radiological Identification (GR-135)			84 17 297	102 5 36		58 68 261	69 20 31	0.841 3.400 8.419	41 52 189	48 15 22	0.854 3.467 8.591
IrDA Dosimeter Reader M256 Chemical Agent Detector Kit			9	10 36	0.139	21 3	23 24	0.913 0.125	18 3	16	0.947 0.188
M256 Training Kits Hand Held Assays Medical Response Pharmaceuticals			9 26 159	36 360 9	0.072	6 46 217	24 600 12	0.250 0.077 18.083	4 40 184	16 520 10	0.250 0.077 18.400
M279 Surface Sampler Lightweight Decon System			29 145	26 8	18.125	50 148	44 8	1.136 18.500	45 132	39 7	1.154 18.857
M295 Decon Kit M291 Decon Kit RSDL Decon Kit			18 13	540 540	0.033 0.024	20 11 43	594 460 720	0.034 0.024 0.060	16 6 44		0.034 0.025 0.061
IPP TIER 1 (T1) INSTALLATIONS - OCONUS T1 OCONUS Site Survey and Design						1685	3	562	2366	4	592
T1 OCONUS Contract Prime Mission Equipment T1 OCONUS Contract Test and Evaluation			3605 190	3		3628 197	3 3	65.667	5006 268	4 4	1252 67
T1 OCONUS Government Test and Evaluation T1 OCONUS Contract Integration and Fielding T1 OCONUS Government Integration and Fielding T1 OCONUS Contract Systems Engineering/			86 49 1491 554	3 3 3		89 51 1539 2226	3 3 3	17	121 70 2106 3042	4 4 4	30.250 17.500 527
Program Management T1 OCONUS Contract Integrated Logistics Support			191	3	63.667	197	3	65.667	271	4	67.750

Exhibit P-5, Weapon  WPN SYST Cost Analysis		Appropriation/E PROCUREMENT DEFENSE	-	-		(JS0500)	Item Nomencla CB INSTALLA CTION PROGR	ATION FORCE	Ξ	Weapon Syster	n Type:	Date: Febru	aary 2008
Weapon System	ID					FY 07			FY 08			FY 09	
Cost Elements	CD				Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
					\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
T1 OCONUS Contractor Training and Exercise T1 OCONUS Government Training and Exercise					1812 79			1837 84			2475 115		
TPP TIER 2 (T2) INSTALLATIONS - OCONUS  T2 OCONUS Contract Site Survey and Design T2 OCONUS Contract Equipment Procurement T2 OCONUS Contractor Test and Evaluation T2 OCONUS Government Test and Evaluation T2 OCONUS Contract Integration and Fielding T2 OCONUS Government Integration and Fielding T2 OCONUS Contractor Systems								1358 1151 385 146 1901 560 742	1 1 1 1 1	1151 385 146 1901	1387 1428 391 149 1977 573 761	1 1 1 1 1	1387 1428 391 149 1977 573
Engineering/Program Management T2 OCONUS Contractor Integrated Logistics Support T2 OCONUS Contractor Training and Exercise T2 OCONUS Government Training and Exercise								344 798 28	1	344	372 816 29	1	372
IPP GFE OCONUS  Fixed Site Dry Filter Unit Portable Dry Filter Unit Fixed Site Chemical Detector Radiation Portal Monitor POV Radiation Portal Monitor Commercial Vehicle Bio Sample Collection Kit ICAM Portable Chemical Monitor (M22 and Associated Equipment) AN/PDR-77 Radiation Detector and Subassembly AN/PDQ-1 Portable Radiation Detector with Radiac Probe AN/UDR-14 Radiation Dosimeter					219 1 61 270	24 3 9 15	9.125 0.333 6.778 18 2.667	33 224 290 206 158 2 42 184	6 32 10 2 1 5 6 10	7 29 103 158 0.400 7 18.400	34 305 296 211 161 2 71 244 201 6	6 32 10 2 1 5 10 13	5.667 9.531 29.600 106 161 0.400 7.100 18.769 11.824 3

Exhibit P-5, Weapon WPN SYST Cost Analysis		 _	Activity/Serial N		(JS0500)	Item Nomencla CB INSTALL CTION PROGR	ATION FORCE		Weapon System	т Туре:	Date: Febru	uary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
EPD N-2 Radiation Dosimeter and Accessories ADM-300 C Portable Radiation Detector Radiological Identification (GR-135) IrDA Dosimeter Reader M256 Chemical Agent Detector Kit M256 Training Kits Hand Held Assays Medical Response Pharmaceuticals M279 Surface Sampler Lightweight Decon System M295 Decon Kit M291 Decon Kit RSDL Decon Kit RSDL Decon Kit  OTHER COSTS Contract Source Selection Acquisition Documentation and Analysis Government Program Management Tier 0 Baseline Products Bioanalysis Facility Operations Government Logistics Support Government Systems Engineering Government OCONUS Mass Notification/Telephone Alerting System				10 33 7 18 71 22 73 5 28 2800 384 7569 2735 1892 2997 6897 1533	9 3 6 180 3 15 3 117 360	1.111 11 1.167 0.100 23.667 1.467 24.333 0.043 0.078	46 181 7 3 5 16 97 15 50 11	36 10 16 6 16 160 4 10 2 240 240	4.600 11.313 1.167 0.188 0.313 0.100 24.250 1.500 25 0.046		10 21 8 20 200 5 13 3 300 400	1.157 4.700 11.524 1.250 0.200 0.350 0.100 24.800 1.538 25.333 0.047 0.033
TOTAL				59019			85829			88565		

	Exhibit P-5a, Budget	Procurement Hi	story and Planning					Date:	ebruary 20	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Typ	e:			em Nomeno ) CB INSTA		ORCE PROTI	ECTION PI	ROGRAM
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue
IPP Tier 1 (T1) Installations CONUS										
FY 07	Unknown	C/FP	Unknown	Feb-08	Oct-08	9	2166111	Yes		
FY 08	Unknown	C/FP	Unknown	Feb-08	Oct-08	12	3219167	Yes		
FY 09	Unknown	C/FP	Unknown	Oct-08	Jun-09	9	3379111	Yes		
T1 CONUS Contract Integrated Logistics Support										
FY 07	Unknown	C/FP	Unknown	May-08	May-09	9	56000	Yes		
FY 08	Unknown	C/FP	Unknown	Aug-08	Aug-09	12	62833	Yes		
FY 09	Unknown	C/FP	Unknown	Jun-09	Jun-10	9	66111	Yes		
IPP Tier 2 (T2) Installations CONUS										
FY 09	Unknown	C/FP	Unknown	Dec-08	Oct-09	1	4938000	Yes		
T2 CONUS Contract Integrated Logistics Support										
FY 09	Unknown	C/FP	Unknown	Oct-09	Oct-10	1	261000	Yes		
EPD N-2 Radiation Dosimeter and Accessories										
FY 07	Government Scientific Sources, Reston, VA	C/FFP	SMDC, Huntsville, AL	Mar-07	Apr-07	102	824	Yes		

**REMARKS:** IPP Recompete Contract is expected to be awarded 2Q FY08.

The Joint Program Office is procuring the Radiological Identification equipment, ADM 300 and EPD N2 (dosimeters) separately on a competitive basis for delivery to the IPP LSI for integration and fielding to installation sites.

	Exhibit P-5a, Budget P	Procurement Hi	story and Planning					Date:	ebruary 200	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CF	HEM-BIO DEFENSE	Weapon System Typ	e:		tem Nomeno )) CB INSTA		ORCE PROTI	ECTION PF	ROGRAM	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
EPD N-2 Radiation Dosimeter and Accessories (cont)										
FY 08	Government Scientific Sources, Reston, VA	C/FFP	SMDC, Huntsville, AL	Mar-08	Apr-08	69	841	Yes		
FY 09	Government Scientific Sources, Reston, VA	C/FFP	SMDC, Huntsville, AL	Mar-09	Apr-09	48	854	Yes		
ADM-300 C Portable Radiation Detector										
FY 07	Canberra Dover Inc, Dover, NJ	C/FFP	SMDC, Huntsville, AL	Mar-07	Apr-07	5	3400	Yes		
FY 08	Canberra Dover Inc, Dover, NJ	C/FFP	SMDC, Huntsville, AL	Mar-08	Apr-08	20	3400	Yes		
FY 09	Canberra Dover Inc, Dover, NJ	C/FFP	SMDC, Huntsville, AL	Mar-09	Apr-09	15	3467	Yes		
Radiological Identification (GR-135)										
FY 07	SAIC, Abingdon, MD	C/FFP	SMDC, Huntsville, AL	Mar-07	Apr-07	36	8250	Yes		
FY 08	SAIC, Abingdon, MD	C/FFP	SMDC, Huntsville, AL	Mar-08	Apr-08	31	8419	Yes		
FY 09	SAIC, Abingdon, MD	C/FFP	SMDC, Huntsville, AL	Mar-09	Apr-09	22	8591	Yes		

**REMARKS:** IPP Recompete Contract is expected to be awarded 2Q FY08.

The Joint Program Office is procuring the Radiological Identification equipment, ADM 300 and EPD N2 (dosimeters) separately on a competitive basis for delivery to the IPP LSI for integration and fielding to installation sites.

	Exhibit P-5a, Budget	Procurement Hi	story and Planning					Date: F	February 20	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/	3/CHEM-BIO DEFENSE	Weapon System Typ	oe:			tem Nomeno () CB INST.		FORCE PROTECTION PROGRAM		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
IrDA Dosimeter Reader										
FY 07	Government Scientific Sources, Reston, VA	C/FFP	SMDC, Huntsville, AL	Mar-07	Apr-07	10	900	Yes		
FY 08	Government Scientific Sources, Reston, VA	C/FFP	SMDC, Huntsville, AL	Mar-08	Apr-08	23	913	Yes		
FY 09	Government Scientific Sources, Reston, VA	C/FFP	SMDC, Huntsville, AL	Mar-09	Apr-09	19	947	Yes		
IPP Tier 1 (T1) Installations - OCONUS										
FY 07	Unknown	C/FP	Unknown	Oct-07	Aug-08	3	2070000	Yes		
FY 08	Unknown	C/FP	Unknown	Apr-08	Feb-09	3	3208000	Yes		
FY 09	Unknown	C/FP	Unknown	Dec-08	Oct-09	4	3306750	Yes		
T1 OCONUS Contract Integrated Logistics Support										
FY 07	Unknown	C/FP	Unknown	Aug-08	Aug-09	3	63667	Yes		
FY 08	Unknown	C/FP	Unknown	Apr-08	Feb-09	3	65667	Yes		
FY 09	Unknown	C/FP	Unknown	Dec-08	Oct-09	4	67750	Yes		
IPP Tier 2 (T2) Installations - OCONUS										
FY 08	Unknown	C/FP	Unknown	Apr-08	Feb-09	1	6335000	Yes		

REMARKS: IPP Recompete Co

IPP Recompete Contract is expected to be awarded 2Q FY08.

The Joint Program Office is procuring the Radiological Identification equipment, ADM 300 and EPD N2 (dosimeters) separately on a competitive basis for delivery to the IPP LSI for integration and fielding to installation sites.

	Exhibit P-5a, Budget F	Procurement Hi	istory and Planning					Date:	February 200	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CF	HEM-BIO DEFENSE	Weapon System Typ	pe:			tem Nomeno () CB INST.		FORCE PROTECTION PROGRAM		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
IPP Tier 2 (T2) Installations - OCONUS (cont)										
FY 09	Unknown	C/FP	Unknown	Feb-09	Dec-09	1	6760000	Yes		
T2 OCONUS Contractor Integrated Logistics Support										
FY 08	Unknown	C/FP	Unknown	Feb-09	Feb-10	1	344000	Yes		
FY 09	Unknown	C/FP	Unknown	Dec-09	Dec-10	1	372000	Yes		
EPD N-2 Radiation Dosimeter and Accessories										
FY 07	Government Scientific Sources, Reston, VA	C/FFP	SMDC, Huntsville, AL	Mar-07	Apr-07	9	1111	Yes		
FY 08	Government Scientific Sources, Reston, VA		SMDC, Huntsville, AL	Mar-08	Apr-08	36	1111	Yes		
FY 09	Government Scientific Sources, Reston, VA	C/FFP	SMDC, Huntsville, AL	Mar-09	Apr-09	51	1157	Yes		
ADM-300 C Portable Radiation Detector										
FY 08	Canberra Dover Inc, Dover, NJ	C/FFP	SMDC, Huntsville, AL	Mar-08	Apr-08	10	4600	Yes		

**REMARKS:** IPP Recompete Contract is expected to be awarded 2Q FY08.

The Joint Program Office is procuring the Radiological Identification equipment, ADM 300 and EPD N2 (dosimeters) separately on a competitive basis for delivery to the IPP LSI for integration and fielding to installation sites.

	Exhibit P-5a, Budget P	rocurement His	story and Planning					Date: F	ebruary 20	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CH	IEM-BIO DEFENSE	Weapon System Type	e:			tem Nomeno )) CB INSTA		ORCE PROTI	ECTION PI	ROGRAM
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
ADM-300 C Portable Radiation Detector (cont)										
FY 09	Canberra Dover Inc, Dover, NJ	C/FFP	SMDC, Huntsville, AL	Mar-09	Apr-09	10	4700	Yes		
Radiological Identification (GR-135)										
FY 07	SAIC, Abingdon, MD	C/FFP	SMDC, Huntsville, AL	Mar-07	Apr-07	3	11000	Yes		
FY 08	SAIC, Abingdon, MD	C/FFP	SMDC, Huntsville, AL	Mar-08	Apr-08	16	11313	Yes		
FY 09	SAIC, Abingdon, MD	C/FFP	SMDC, Huntsville, AL	Mar-09	Apr-09	21	11524	Yes		

**REMARKS:** IPP Recompete Contract is expected to be awarded 2Q FY08.

The Joint Program Office is procuring the Radiological Identification equipment, ADM 300 and EPD N2 (dosimeters) separately on a competitive basis for delivery to the IPP LSI for integration and fielding to installation sites.

	E-1:1:4 D21 D 1	-4' C	.1 11.			P-1 Item	Nomenclati		0) CD	INICO	rat t	ATIC	ON EC	ODCE	, DDC	TEC	TION	I DD O	CD A	M				Date:			E.		2006	,		
	Exhibit P21, Produ	ction S	cneaule				(.	12020	0) CB	INS	IALL			Year		HEC	HON	PRO	GKA	.M				F	`iscal	Year		bruary	2008	5		
				S	PROC	ACCEP	BAL									lenda	r Yea	ır 07										Year 0	8			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
	(T1) Installations CONUS	1	FY 07	J	9		9																_	A		┡						9
IPP Tier 1	(T1) Installations - OCONUS	3	FY 07	J	3		3													A										1	2	
IPP Tier 1	(T1) Installations CONUS	1	FY 08	J	12		12																	A								12
	(T1) Installations - OCONUS	3	FY 08	J	3		3																	- 11		Α						3
	(T2) Installations - OCONUS	4	FY 08	J	1		1																			A						1
																										L						
																										L						
																										_						
																								_		_						
																								_		╙						
																										_						
								_															_	_		┡						
																										┡						
																										-						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES										I	LEAD	TIME	S					ТОТА	L		REM	ARKS					
													Α	Admin	istrativ	/e			Produ	action					1-8-	5 is ba	sed on	quarte	rly pro	duction	1.	
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C	Oct	Ai	fter 1 C	Oct		After	1 Oct		A	fter 1	Oct								
1	Unknown		1		4	6	Е	Iı	nitial / l	Reorde	er		0/0			16/5			9.	/ 9			25 / 1	4								
2	Unknown		1		1	2	Е	Iı	nitial / l	Reorde	er		0/0			2/2			11.	/ 11			13 / 1	3								
3	Unknown		1		2	4	Е	Iı	nitial / l	Reorde	er		0/0			0/6			11	/ 11			11 / 1	7								
4	Unknown		1		1	2	Е	Iı	nitial / l	Reorde	er		0/0			6/4				/ 11			17 / 1									
5	Unknown		0		0	0	Е	_	nitial / l				0/0			0/0				/ 0			0/0									
6	Government Scientific Sources, Reston, VA		0		0	0		_	nitial / l				0/0			0/0				/ 0			0/0									
7	Canberra Dover Inc, Dover, NJ		0		0	0			nitial / l				0/0			0/0		_		/ 0			0/0		-							
8	SAIC, Abingdon, MD		0		0	0		Iı	nitial / l	Reorde	er		0/0			0/0			0	/ 0			0/0		-							

	E 1914 B44 B 1		1 11			P-1 Item	Nomenclati		o) CD	Dig	TALL	A TEXT	NI E	OD CE	- DDC	)TEG	TION	, pp o	GD A	M				Date			Г		200			
	Exhibit P21, Produc	tion S	chedule				(.	JS050	0) CB	INS	TALL			ORCE Year		TEC	HON	PRO	GRA	.M				]	Fiscal	Year		bruary	7 200	3		
				S	PROC	ACCEP	BAL									lenda	r Yea	ır 09										Year 1	10			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	A T E R
IPP Tier 1	(T1) Installations CONUS	1	FY 07	J	9		9	5			4																					
IPP Tier 1	(T1) Installations CONUS	1	FY 08	J	12		12	4		4		4													+	+						
	(T1) Installations - OCONUS	3	FY 08	J	3		3					3																				
IPP Tier 2	(T2) Installations - OCONUS	4	FY 08	J	1		1					1																				
	(T1) Installations CONUS	1	FY 09	J	9		9	A								4		4		1						F						
	(T2) Installations CONUS (T1) Installations - OCONUS	2	FY 09 FY 09	J J	1 4		1 4		Н	A A										1 2		2	Н	$\vdash$	+	╆	+	$\vdash$				
	(T2) Installations - OCONUS	4	FY 09	J	1		1					Α										1										
																									+	╀						
		+							Н																╀	╀		$\vdash$				
		-																							+	╀						
																										Ė						
								_			_					_	_			_		_		_				_	_			
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P	Α	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES											LEAD	TIME	S					TOTA	ΛL			ARKS					
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pr	ior 1 C	Admini Oct		/e fter 1 (	Oct		Produ	ction 1 Oct		A	fter 1	Oct	1-8	-5 is b	ased or	quarte	rly pro	oductio	n.	
1	Unknown		1		4	6	Е	Iı	nitial / l	Reorde	er		0/0			16/5			9	/9			25 / 1	4	1							
2	Unknown		1		1	2	E		nitial / l				0/0			2/2				/ 11		_	13 / 1		4							
3 4	Unknown		1 1		2	4 2	E E		nitial / l nitial / l				0/0			0/6 6/4				/ 11 / 11		_	11 / 1 17 / 1		+							
5	Unknown		0		0	0	E E		nitial / l				0/0			0/4				/ 11			0/0		1							
6	Government Scientific Sources, Reston, VA		0		0	0		_	nitial / l				0/0			0/0				/ 0			0/0									
7	Canberra Dover Inc, Dover, NJ		0		0	0		Iı	nitial / l	Reorde	er		0/0			0/0			0	/ 0			0/0	)								
8	SAIC, Abingdon, MD		0		0	0		Iı	nitial / l	Reorde	er		0/0			0/0			0	/ 0			0/0	)	4							

## Budget Line Item #90 INDIVIDUAL PROTECTION

THIS PAGE INTENTIONALLY LEFT BLANK

Exhibit P-40, I	Budget Item Justif	ication She	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-W	/IDE/3/CHEM-BIO DE	FENSE		P-1 Item Nome	enclature	(GP1000) IN	IDIVIDUAL F	ROTECTION	I	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost	1423.6	89.2	126.7	80.2	84.7	60.4	62.5	58.7	Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	1423.6	89.2	126.7	80.2	84.7	60.4	62.5	58.7	Continuing	Continuing
Initial Spares										
Total Proc Cost	1423.6	89.2	126.7	80.2	84.7	60.4	62.5	58.7	Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: Program provides for protective masks, respiratory systems, and protective clothing. The Joint Service General Purpose Mask (JSGPM) is a lightweight, protective Nuclear Biological Chemical (NBC) mask system. It incorporates state-of-the-art technology to protect the Joint Forces from anticipated threats. The JSGPM will provide above-the-neck, head, eye/respiratory protection against Chemical and Biological (CB) agents, radioactive particles, and Toxic Industrial Materials (TIMs). The JSGPM mask system will replace the M40/M42 series (Army and Marine Corps), the MCU-2/P series (Air Force and Navy), and the M45 mask in the Land Warrior program. The Improved Protective Mask M53 (IPM) provides greater range of view, low profile, and interoperability with special SOCOM CB suits and will be used for counterproliferation missions for SOCOM. The Joint Service Chemical Environment Survivability Mask (JSCESM) is a one size fits all, lightweight, and disposable mask that provides 2-8 hours of respiratory and face protection against vapor and aerosol CB agents in low levels of contamination for U.S. Air Force missions. The Joint Service Aircrew Mask (JSAM) system is a lightweight, CB protective mask which can be worn as CB protection for all aircrew. The warfighter's capability will be enhanced with the addition of anti-G features, the system with provide simultaneous CB and anti-G protection in high performance aircraft. The Joint Service Mask Leakage Tester (JSMLT) is a portable, unit-level device to determine proper fit and identify defective components of current and future protective masks. In the area of protective clothing: The Joint Service Lightweight Integrated Suit Technology (JSLIST) program will procure and field a common chemical protective ensemble (suits, boots, socks, and gloves) to US Forces. JSLIST promotes commonality and standardization to maximize resources and eliminate redundancy among the Services. The Joint Protective Aircrew Ensemble (JPACE) garment will provide protection, reduced h

JUSTIFICATION: Operational forces across the continuum of global, contingency, special operations/low intensity conflict, counternarcotics, and other high risk missions have an immediate need to survive and sustain operations in a CB threat environment. Individual protection is provided by means of masks, protective clothing, and aircrew respiratory systems and ensembles. The Joint NBC Defense program includes individual protection equipment that both improves current protection levels and reduces the physiological and logistical burden on the individual soldier, sailor, airman or marine. The goal is to procure equipment that will allow for the individual to operate in a contaminated CB environment with minimal degradation in his/her performance.

Exhibit P-5, Weapon				activity/Serial N			Item Nomencla	ature: L PROTECTIO	N	Weapon System	т Туре:	Date: Febru	ary 2008
WPN SYST Cost Analysis		DEFENSE											
Weapon System	ID		ı	ı		FY 07			FY 08	1		FY 09	
Cost Elements	CD				Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
					\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JT SVC AIRCREW MASK (JSAM)					1790			21591					
JOINT SERVICE GENERAL PURPOSE MASK (JSGPM/JSCESM)					35423			45533			42615		
JOINT PROTECTIVE AIRCREW ENSEMBLE (JPACE)					6250			10952					
JOINT SERVICE MASK LEAKAGE TESTER (JSMLT)					14434			9854					
PROTECTIVE CLOTHING					31277			38745			37596		
TOTAL					89174			126675			80211		

Exhibit P-40, Bu	ıdget Item Justif	ication She	et		1	Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WII	DE/3/CHEM-BIO DE	FENSE		P-1 Item Nome	enclature	(JI0002) JT SV	C AIRCREW	MASK (JSAI	M)	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty			6536		4445					10981
Gross Cost	0.7	1.8	21.6		15.7					39.8
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	0.7	1.8	21.6		15.7					39.8
Initial Spares										
Total Proc Cost	0.7	1.8	21.6		15.7					39.8
Flyaway U/C										
Wpn Sys Proc U/C										

**DESCRIPTION:** The Joint Service Aircrew Mask (JSAM) system is a lightweight, Chemical and Biological (CB) protective mask which can be worn as CB protection for all aircrew. The warfighter's capability will be enhanced with the addition of anti-G features, the system will provide simultaneous CB and anti-G protection in high performance aircraft. Commonality between and within services is currently non-existent. The Army needed to re-design the M-48 mask to provide CB protection to AH-64 Apache aircrews. The current Air Force and Navy CB protective masks are not capable of providing anti-G protection. JSAM will be compatible with existing CB ensembles and life support equipment. JSAM is targeted to provide combined capability to enable the warfighter of the 21st century to fulfill full mission requirements. The JSAM program includes two major variants (Type I - Rotary Wing, and Type II - Fixed Wing), as well as the Integrated Helmet & Display Sighting System (IHADSS Type 1A) variant.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2008
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE			(JI0002) JT SVC AIRCREW MASK (JSAM)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0604384BP/Proj IP5	В			

## **RDT&E Code B Item**

The Joint Service Aircrew Mask (JSAM) system is a lightweight, Chemical and Biological (CB) protective mask which can be worn as CB protection for all aircrew. The warfighter's capability will be enhanced with the addition of anti-G features, the system will provide simultaneous CB and anti-G protection in high performance aircraft. Commonality between and within services is currently non-existent. The Army needed to re-design the M-48 mask to provide CB protection to AH-64 Apache aircrews. The current Air Force and Navy CB protective masks are not capable of providing anti-G protection. JSAM will be compatible with existing CB ensembles and life support equipment. JSAM is targeted to provide combined capability to enable the warfighter of the 21st century to fulfill full mission requirements. The JSAM program includes two major variants (Type I - Rotary Wing, and Type II - Fixed Wing), as well as the Integrated Helmet & Display Sighting System (IHADSS Type 1A) variant.

RDT&E FY06 and Prior - 62.2M; FY07 - 12.5M; FY08 - 12.6M; FY09 - 21.0M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES

DEVELOTIVE NIT STATUS AND MAJOR MILESTONES	START	COMILLIL
SDD	1Q FY03	3Q FY10
Types I/IA Development Test Readiness Review (DTRR)	3Q FY06	3Q FY09
MS C/FRP Decision Type 1A	4Q FY09	4Q FY09
MS C/FRP Decision Type 1	3Q FY10	3Q FY10
Fixed Wing (FW, Type II) DTRR	4Q FY07	2Q FY08
FW, Type II Milestone C (LRIP)	4Q FY08	4Q FY08
FW, Type II FRP Decision	3Q FY10	3Q FY10
Top Owl (TO, Type IB) DTRR	3Q FY08	3Q FY08
Top Owl FRP Decision	3Q FY10	3Q FY10

COMPLETE

START

Exhibit P-5, Weapon		PROCUREME		Activity/Serial N SE-WIDE/3/CHE			Item Nomencla	ature: REW MASK (J	SAM)	Weapon System	п Туре:	Date: Febri	ary 2008
WPN SYST Cost Analysis		DEFENSE				EW 07			EW 00			EW 00	
Weapon System	ID		1	1	m . I.G	FY 07	W 11 G	m . I.G	FY 08	W. G.	m . I.G	FY 09	W 1: G
Cost Elements	CD				Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
JSAM IHADSS TYPE 1A  JSAM IHADSS Type 1A Hardware	В				\$000	Each	\$000	\$000 2212	Each 586	\$000 3.775	\$000	Each	\$000
JSAM ROTARY WING TYPE I  JSAM Rotary Wing Type I Hardware	В							19324	6536	2.957			
OTHER COSTS Integrated Logistics Support					1790			55					
TOTAL					1790			21591					

	Exhibit P-5a, Budget Pı	rocurement Hist	ory and Planning					Date: F	ebruary 200	8
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It	em Nomeno (JI0002)	elature: JT SVC AIRO	CREW MASK	(JSAM)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JSAM IHADSS Type 1A Hardware FY 08  JSAM Rotary Wing Type I Hardware FY 08	AVOX, Lancaster, NY AVOX, Lancaster, NY	C/FPI Opt/I C/FPI	Brooks, City-Base, TX Brooks, City-Base, TX	Dec-08	Feb-09 May-08	586 6536	3775 2957	Yes		
REMARKS:										

	Enkikit D21 Duodu		ماده ماده			P-1 Item	Nomenclati	ure:	(	11000	2) IT	SVC	A ID C	DEW	7 <b>M</b> A	.SK (J	(CAM	n.						Date:			Ea	bruary	2009	)		
	Exhibit P21, Produ	iction S	cneauie						(.	J1000.	2) J1			Year		DK (1	SAW	1)						F	iscal	Year		bruary	2008	<b>S</b>		
				S	PROC	ACCEP	BAL								Cal	lenda	r Yea	ır 07								Caler	ıdar `	Year (	8			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
IS AM Do	tary Wing Type I Hardware	1	FY 08	A	4398		4398															A				⊢	1000	1000	1000	1000	398	
	tary Wing Type I Hardware	1	FY 08	AF	602		602															A				$\vdash$	1000	1000	1000	1000	602	
	tary Wing Type I Hardware	1	FY 08	MC	791		791															A				Н					002	791
	tary Wing Type I Hardware	1	FY 08	N	745		745															A										745
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES			Г								LEAD	TIME			_			TOTA	L			ARKS					
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	or 1 C	Admini Oct		/e fter 1 (	Oct			iction 1 Oct		A	fter 1	Oct						Type I by AV		I-64
1	AVOX, Lancaster, NY		200		1080	1580	E	Iı	nitial /	Reorde	er		0/0			2/2			6	/ 2			8 / 4									
																									1							

	Enklik D21 Dood		ماده ماددا ه			P-1 Item	Nomenclat	ure:	(	JI000	2) IT	SVC	A ID C	CDEW	7 <b>M</b> A	CV (	IC A N	T)						Date:	:		Ea	bruary	2009			
	Exhibit P21, Produ	icuon S	cneaute						(	J1000	2) J1			Year		.) AC	JSAIV	1)						]	Fiscal	Year		bruary	2000	•		
				S	PROC	ACCEP	BAL									lenda	r Yea	ar 09										ear 1	0			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	О	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	Α	J U N	J U L	A U G	S E P	A T E R
IC AM ILI	IADSS Type 1A Hardware	1	FY 08	A	586		586			A		586					H							$\vdash$		╀						
	otary Wing Type I Hardware	1	FY 08	MC	791		791	500	291	A		586											Н		+	+						
	otary Wing Type I Hardware	1	FY 08	N	745		745	500	245																							
																	H									╀						
																										F						
																	H							$\vdash$		╀						
																	┝									+						
								O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT.	ION RATES										1	LEAD	TIME	ES					TOTA	ΛL		REM	ARKS					
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C	Admini Oct		ve fter 1 (	Oct			ction 1 Oct		A	fter 1	Oct				otary W are pro				H-64
1	AVOX, Lancaster, NY		200	_	1080	1580	E	I	nitial /	Reord	er		0/0			2/2				/ 2			8/4									
								H																	-							
																									1							
																									-							

Exhibit P-40,	Budget Item Justif	ication She	et		I	Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-	WIDE/3/CHEM-BIO DE	FENSE		P-1 Item Nome		SERVICE GE	NERAL PURF	POSE MASK (	(JSGPM/JSCES	SM)
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	52491	202479	194255	184080						633305
Gross Cost	54.3	35.4	45.5	42.6	41.7	42.4	44.1	49.2	Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	54.3	35.4	45.5	42.6	41.7	42.4	44.1	49.2	Continuing	Continuing
Initial Spares										
Total Proc Cost	54.3	35.4	45.5	42.6	41.7	42.4	44.1	49.2	Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: The JSGPM is a lightweight, protective Nuclear Biological Chemical mask system. It incorporates state-of-the-art technology to protect US Joint Forces from anticipated threats. The JSGPM will provide above-the-neck, head, eye/respiratory protection against Chemical and Biological (CB) agents, radioactive particles, and Toxic Industrial Materials (TIMs) as specified in the Joint Service Operational Requirements Document (JSORD), dated September 1998 and Capabilities Production Document (CPD) approved December 2005. The mask design will be optimized to minimize impact on the wearer's performance, and to maximize its ability to interface with fielded and future Joint Service equipment and protective clothing. The JSGPM mask system will replace the M40/M42 series of masks for Army and Marine ground and combat vehicle operations, and the MCU-2/P series for Air Force and Navy ground and shipboard applications. In addition, the JSGPM will replace the M45 mask in the Land Warrior program. This will significantly reduce the number of masks that will have to be logistically supported by the Department of Defense. The Improved Protective Mask M53 (IPM) will be used for counterproliferation missions for SOCOM and provides greater range of view, low profile, and interoperability with special SOCOM CB suits. The Joint Service Chemical Environment Survivability Mask (JSCESM) is a one size fits all, lightweight, and disposable mask that provides 2-8 hours of respiratory and face protection against vapor and aerosol CB agents in low levels of contamination for U.S. Air Force missions.

JUSTIFICATION: FY09 funds support procurement of the 6,524 Combat Vehicle Crewman (CVC) JSGPM and 177,556 JSGPM Ground /Ship.

Exhibit P-5, Weapon WPN SYST Cost Analysis		 _	Activity/Serial N SE-WIDE/3/CHE		(JI0003)	Item Nomencla JOINT SERVI SE MASK (JSG	CE GENERAL		Weapon Syster	n Type:	Date: Febru	uary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
000 210110110	C.D			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JSGPM (COMBAT VEHICLE) JSGPM (Combat Vehicle) Hardware	A			1028	3696	0.278	1878	6638	0.283	1881	6524	0.288
JSGPM (GROUND/SHIP) JSGPM (Ground/Ship) Hardware	A			15548	94304	0.165	28399	169369	0.168	30327	177556	0.171
JSCESM  JSCESM Hardware	A			11179	104479	0.107	2365	18248	0.130			
OTHER COSTS												
JSGPM Other Costs  Engineering Support First Article Test (FAT)/Production Test System Fielding Support (Total Package Fielding (TPF), First Destination Transportation (FDT) & New Equipment Training NET)) Initial Spares (System Fielding Support)  JSCESM Other Costs Engineering Support System Fielding Support (TPF, FDT & NET)				3709 10 462 3154 153 50			4752 20 1558 5691 390 50			4428 20 2100 3582		
Acceptance/Surveillance Tests  Production Acceptance Test  Lot Acceptance Test				130			330 100					
TOTAL				35423			45533			42615		

	Exhibit P-5a, Budget P	rocurement His	story and Planning					Date: F	February 200	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WII	DE/3/CHEM-BIO DEFENSE	Weapon System Typ	e:			tem Nomeno (0003) JOIN	T SERVICE (	GENERAL PU (JSCESM)	JRPOSE MA	ASK
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
JSGPM (Combat Vehicle) Hardware										
FY 07	AVON Protection Systems, Cadillac, MI	C/FFP Opt/3	RDECOM, APG, MD	Jan-07	Sep-07	3696	278	Yes		
FY 08	AVON Protection Systems, Cadillac, MI	C/FFP Opt/3	RDECOM, APG, MD	Nov-07	Sep-08	6638	283	Yes		
FY 09	AVON Protection Systems, Cadillac, MI	C/FFP Opt/3	RDECOM, APG, MD	Nov-08	Sep-09	6524	288	Yes		
JSGPM (Ground/Ship) Hardware										
FY 07	AVON Protection Systems, Cadillac, MI	C/FFP Opt/3	RDECOM, APG, MD	Jan-07	Mar-07	94304	165	Yes		
FY 08	AVON Protection Systems, Cadillac, MI	C/FFP Opt/3	RDECOM, APG, MD	Nov-07	Jan-08	169369	168	Yes		
FY 09	AVON Protection Systems, Cadillac, MI	C/FFP Opt/3	RDECOM, APG, MD	Nov-08	Jan-09	177556	171	Yes		

	Exhibit P-5a, Budget P	rocurement Hist	tory and Planning					Date:	ebruary 200	8
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It	em Nomenc 0003) JOIN	elature: Γ SERVICE C (JSGPM/.	GENERAL PU JSCESM)	RPOSE MA	SK
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JSCESM Hardware FY 07 FY 08	Quick Protective Systems INC, Stuart, FL Quick Protective Systems INC, Stuart, FL	C/FFP Opt/1 C/FFP Opt/2	RDECOM, APG, MD RDECOM, APG, MD	Mar-07 Jan-08	Jul-07 Apr-08	104479 18248	107 130	Yes Yes		
REMARKS:										

	E 1414 P44 P 1	. a				P-1 Item	Nomenclati		n en c	. E.D.Y.	TOT A	aeve:	D. 1. Y	DIID	DOGE		OYE (1	va a p		ara.	0			Date:			-		200	2		
	Exhibit P21, Produ	ction S	chedule				(Л000	)3) JO	INT S	SERV	ICE (					MA	SK (J	ISGPI	M/JSC	JESM	l)							bruary	y 200	8		
										_		Fis	scal Y	ear (											Fiscal							L
			****	S	PROC	ACCEP	BAL						_			endaı	· Yea	ır 07								_		Year (	)8			A
	COST ELEMENTS	M F	FY	E R	QTY Each	PRIOR TO	DUE AS OF	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	T E
	COST ELEMENTS	R		V		1 OCT	1 OCT	T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	R
ISCDM II	PM SOCOM	3	FY 06	A	17000		17000															$\vdash$			╀	╀	$\vdash$					
JSCESM		2	FY 06	AF	19000		19000	5970	7521	5600	A	$\vdash$	2833	2833	2833	2833	2833	2835				$\vdash$			$\vdash$	╆	+	+	Н			
Jackawi	Haidwaie	2	11 00	AI	19000		19000	36/9	7321	3000												$\vdash$			$\vdash$	$\vdash$	+					
JSGPM (	Combat Vehicle) Hardware	1	FY 07	A	3696		3696				A								3696													
JSGPM (	Ground/Ship) Hardware	1	FY 07	A	33250		33250				A		3694	3694	3694	3694	3694	3694		3694	3694	3698										
JSGPM (	Ground/Ship) Hardware	1	FY 07	AF	30375		30375				A		3375	3375	3375	3375	3375	3375		3375	3375	3375										
JSGPM (	Ground/Ship) Hardware	1	FY 07	MC	14849		14849				A		1633	1633	1633	1633	1633	1633		1633	1633	1785										
JSGPM (	Ground/Ship) Hardware	1	FY 07	N	15830		15830				A		1742	1742	1742	1742	1742	1742		1742	1742	1894										
JSCESM	Hardware	2	FY 07	AF	104479		104479						A				10500	10500	10500	10500	10500	10500	10500	10500	10500	9979						
												$\Box$										_			_	╄	-	_	_			
	Combat Vehicle) Hardware	1	FY 08	A	6638		6638					$\vdash$									A	L			╄	┡	╄	₩			6638	
	Ground/Ship) Hardware	1	FY 08	A	57717		57717														A		_	5247	_	_		5247	_	5247		15741
	Ground/Ship) Hardware	1	FY 08	AF	54560		54560					$\vdash$									A	-		4960		-		4960				14880
	Ground/Ship) Hardware	1	FY 08	MC	27666		27666					$\vdash$									A	⊢	2400	-		<del>                                     </del>	-	2400	-			8466
	Ground/Ship) Hardware	1	FY 08	N	29426		29426														A		2560	2560	2560	_		2560	2560	2560		8946
JSCESM	Hardware	2	FY 08	AF	18248		18248					$\vdash$										┢	Α		╆	6000	6248	6000				
												$\vdash$										$\vdash$			$\vdash$	╫	+	+	Н			
																						$\vdash$			+	╆		+				
																						$\vdash$			$\vdash$	$\vdash$	$\vdash$	$\vdash$				
								_		_	_					_	_			_		_		_				_	_			
								O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E		A P	M A	J U	J U	A U	S E	
								T	v	Č	N	В	R	R	Y	N	Ĺ	Ğ	P	T	v	Č	N	В	R	R	Y	N	Ĺ	Ğ	P	
MFR			PR	ODUCT	ION RATES										L	.EAD	ТІМЕ	S					TOTA	L		REM	ARKS					
													Α	dmini	strativ	e			Produ	uction												
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	or 1 O	ct	Af	ter 1 C	)ct		After	1 Oct		A	fter 1	Oct								
1	AVON Protection Systems, Cadillac, MI		3000	2	20000	30000	Е	Iı	nitial / l	Reorde	er		0/0			3 / 1			11	/ 3			14 / 4	4								
2	Quick Protective Systems INC, Stuart, FL		3000		10000	25000	Е	Iı	nitial / l	Reorde	er	_	0/0			10 / 5				/ 4			15 / 9		4							
3	AVON Protection Systems, Cadillac, MI		1500		5000	10000	E	Iı	nitial / l	Reorde	er		0/0			15 / 2			17	/ / 2			32 / 4	4	4							
																						$\vdash$			-							
																						$\vdash$			┨							
																									1							
																									1							
																									1							

	E INL DAG D					P-1 Item	Nomenclat					~~~					~~~			~~~				Date:			_		•			
	Exhibit P21, Produc	ction S	chedule				(ЛООС	)3) JO	OINT S	SERV	ICE (			. PUR <b>Year</b>		E MA	.SK (.	JSGP	M/JS(	CESN.	1)			,	Fiscal	Voor		bruary	2008	3		
												r.	iscai	1 ear		lenda	r Vos	r 119						_				Year 1	0			L
	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	Α	F E B	M A	A P	M A	J U N	J U	A U G	S E P	A T E R
YO CODY I (	2 1/01: \ XX 1		F77.00		50010	41056	15741																		-	╄	-					
	Ground/Ship) Hardware	1	FY 08 FY 08	A AF	57717 54560	41976 39680	15741 14880		5247 4960		$\vdash$			Н								$\vdash$	$\vdash$	$\vdash$	╫	╀	+	$\vdash$		Н		
	Ground/Ship) Hardware Ground/Ship) Hardware	1	FY 08	MC	27666	19200	8466																-		$\vdash$	$\vdash$	$\vdash$	_				
	Ground/Ship) Hardware	1	FY 08	N	29426	20480	8946	_	2982													$\vdash$			$\vdash$	$\vdash$						
000111	sround ship) Ha aware	•	1100	- 1	27.20	20.00	07.0																			$\vdash$	$\vdash$					
JSGPM (0	Ground/Ship) Hardware	1	FY 09	A	63426		63426		Α		5766	5766	5766	5766	5766	5766	5766	5766		5766	5766	5766										
	Ground/Ship) Hardware	1	FY 09	AF	57057		57057		A		5187	5187	5187	5187	5187	5187	5187	5187		5187	5187	5187										
JSGPM (0	Ground/Ship) Hardware	1	FY 09	MC	27626		27626		Α		2510	2510	2510	2510	2510	2510	2510	2510		2510	2510	2526										
JSGPM (0	Ground/Ship) Hardware	1	FY 09	N	29447		29447		A		2677	2677	2677	2677	2677	2677	2677	2677		2677	2677	2677										
									Ш																╙	┖	╙	_				
																										_				Ш		
														_									_		_	_		_				
																						_	-	-	╄	╄	╄	-				
		_									_											-	┢	-	╄	╄	-	-				
																							-		$\vdash$	$\vdash$						
		_							Н													┢			┢	┢	$\vdash$	-				
									Н		_											$\vdash$	┢		$\vdash$	╆	+	+-				
																										$\vdash$		$\vdash$				
																						$\vdash$			$\vdash$	$\vdash$	$\vdash$					
								O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	Α	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES										]	LEAD	TIME	ES					TOTA	ΛL		REM	ARKS					
													1	Admin					Prod	uction												
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pr	ior 1 (	Oct	A	fter 1 (	Oct		After	1 Oct		Α	After 1	Oct								
1	AVON Protection Systems, Cadillac, MI		3000	1	20000	30000	Е	Iı	nitial / ]	Reorde	er		0/0			3 / 1			11	. / 3			14 / 4	4	]							
2	Quick Protective Systems INC, Stuart, FL		3000		10000	25000	Е	Iı	nitial / l	Reorde	er		0/0			10 / 5			5	/4			15 / 9	9	1							
3	AVON Protection Systems, Cadillac, MI		1500		5000	10000	Е	Iı	nitial / ]	Reorde	er		0/0			15 / 2			17	/ 2		_	32 / 4	4	4							
$\vdash$																		-				₩			4							
$\vdash$																						$\vdash$			-							
$\vdash$																						$\vdash$			+							
																						$\vdash$			1							
																						$\vdash$			1							

Exhibit P-40, Bu	dget Item Justif	ication She	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIL	DE/3/CHEM-BIO DE	FENSE		P-1 Item Nome		JOINT PROTEC	CTIVE AIRCR	EW ENSEME	BLE (JPACE)	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	24274	11277	13236							48787
Gross Cost	36.5	6.3	11.0							53.7
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	36.5	6.3	11.0							53.7
Initial Spares										
Total Proc Cost	36.5	6.3	11.0							53.7
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: The Joint Protective Aircrew Ensemble (JPACE) garment will provide protection from Chemical and Biological (CB) warfare agents, radiological particles, and toxic industrial materials to aircrew of all military services and special forces. The JPACE garment ensemble will be used in conjunction with above-the-neck, individual head-eye-respiratory protection by rotary wing, fixed wing aircraft and combat vehicle personnel. JPACE will allow aircrew and combat crew to fly throughout their operating envelope in an actual or perceived CB warfare environment. The ensemble will be able to perform all normal and emergency procedures, both in-flight and on the ground. It will provide the ability to fully exploit combat capabilities in a CB environment while reducing heat stress induced by existing aircrew CB garments. JPACE replaces the Navy MK-1 undergarment, the Army Aviator Battle Dress Uniform - Battle Dress Overgarment (ABDU-BDO) system, and the Air Force CWU-66/P overgarment. JPACE will provide aviators with improvements in protection, reduced heat stress in CB environments, and extended wear and service life. The JPACE Combat Vehicle Crew (CVC) garment is for Army and Marine Corps armored combat vehicle crews. This operational capability will support all Services. FY08 is the final year of joint funding procurement.

Exhibit P-5, Weapon WPN SYST Cost Analysis			Activity/Serial N SE-WIDE/3/CHE		(JI0015)	Item Nomencla JOINT PROTE BLE (JPACE)		REW	Weapon Syster	т Туре:	Date: Febru	nary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JPACE - NAVY/MARINE CORPS JPACE - USN/USMC	A			2417	5277	0.458						
JPACE - CVC JPACE - CVC	A						3946	3946	1			
JPACE - ARMY JPACE - USA	A			3186	6000	0.531	4934	9290	0.531			
OTHER COSTS  Engineering Support (Gov't)/Technical Support Quality Assurance (Gov't)  Total Fielding Support				387 160 100			874 926 272					
TOTAL				6250			10952					

Exhibit P-5a, Budget	<b>Procurement His</b>	tory and Planning					Date:	February 200	08
SE-WIDE/3/CHEM-BIO DEFENSE	Weapon System Type	:					AIRCREW EN	SEMBLE (	(JPACE)
Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
Creative Apparel Assoc. Morrill, ME	C/FFP Opt/3 DO	Natick, Natick, MA	Aug-07	Nov-07	5277	458	Yes		
Creative Apparel Assoc. Morrill, ME	C/FFP Opt/3	Natick, Natick, MA	Mar-08	May-08	3946	1000	Yes		
Creative Apparel Assoc. Morrill, ME	C/FFP Opt/3 D)	Natick, Natick, MA	Aug-07	Feb-08	6000	531	Yes		
Creative Apparel Assoc. Morrill, ME	C/FFP OPT/3	Natick, Natick, MA	Dec-07	Sep-08	9290	531	Yes		
	Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc.	Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc. C/FFP Opt/3  Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc. C/FFP Opt/3  C/FFP Opt/3 D)  Creative Apparel Assoc. C/FFP Opt/3 D)	Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc. C/FFP Opt/3  C/FFP Opt/3  Natick, Natick, MA  Natick, Natick, MA  Natick, Natick, MA  Natick, Natick, MA  Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc. C/FFP Opt/3 D) Natick, Natick, MA  Natick, Natick, MA  Natick, Natick, MA	Weapon System Type:    Contract	Weapon System Type:  Contractor and Location  Contract Method and Type  Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc. C/FFP Opt/3  Natick, Natick, MA  Mar-08  May-08  Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc. C/FFP Opt/3 D)  Natick, Natick, MA  Aug-07  Feb-08  Morrill, ME  Creative Apparel Assoc. C/FFP Opt/3  Natick, Natick, MA  Aug-07  Feb-08  Creative Apparel Assoc. C/FFP Opt/3  Natick, Natick, MA  Dec-07  Sep-08	Weapon System Type:  Contractor and Location  Contract Method and Type  Creative Apparel Assoc.  Morrill, ME  Creative Apparel Assoc.  C/FFP Opt/3 DO  Natick, Natick, MA  Creative Apparel Assoc.  Morrill, ME  Creative Apparel Assoc.  C/FFP Opt/3 DO  Natick, Natick, MA  Mar-08  May-08  3946  Creative Apparel Assoc.  Morrill, ME  Creative Apparel Assoc.  C/FFP Opt/3 DO  Natick, Natick, MA  Aug-07  Feb-08  6000  Morrill, ME  Creative Apparel Assoc.  C/FFP Opt/3  Natick, Natick, MA  Dec-07  Sep-08  9290	Weapon System Type:  Contractor and Location  Contract Method and Type  Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc. C/FFP Opt/3 D)  Natick, Natick, MA  Natick, Natick, MA  Aug-07  Nov-07  S277  A58  Natick, Natick, MA  Mar-08  May-08  May-08  3946  1000  S11  Morrill, ME  Creative Apparel Assoc. Morrill, ME  Creative Apparel Assoc. C/FFP Opt/3 D)  Natick, Natick, MA  Aug-07  Feb-08  6000  531  Morrill, ME  Creative Apparel Assoc. C/FFP OPT/3  Natick, Natick, MA  Dec-07  Sep-08  9290  531	Exhibit P-5a, Budget Procurement History and Planning  Weapon System Type:  P-1 Line   Item Nomenclature: (J10015) JOINT POTECTIVE AIRCREW EN  Contract or and Location   Contract Method and Type   Location of PCO   Award Date   St.    Creative Apparel Assoc.   C/FFP Opt/3 DO   Natick, Natick, MA   Aug-07   Nov-07   5277   458   Yes  Creative Apparel Assoc.   C/FFP Opt/3 DO   Natick, Natick, MA   Mar-08   May-08   3946   1000   Yes  Creative Apparel Assoc.   C/FFP Opt/3 DO   Natick, Natick, MA   Aug-07   Feb-08   6000   531   Yes  Morrill, ME   Creative Apparel Assoc.   C/FFP Opt/3 DO   Natick, Natick, MA   Dec-07   Sep-08   9290   531   Yes	Security   Security

	E 104 P44 P 1					P-1 Item	Nomenclat											/						Date:			_		•			
	Exhibit P21, Produ	iction S	chedule				(	(Л001	.5) JO	INT	PROT					ENSI	EMB.	LE (JI	PACE	5)					a. 1	<b>X</b> 7		bruary	7 2008	3		
												F)	iscai	Year		lenda	<b>X</b> 7	07						,		Year		Year (	10			L
		M F	FY	S E R	PROC QTY Each	ACCEP PRIOR TO	BAL DUE AS OF	0 C	N	D	J	F	M	A	M	J	J	Α	S E	0	N	D	J	F	М	Α	M	J	J	A U	S	A T
	COST ELEMENTS	R		V	Lucii	1 OCT	1 OCT	T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	P P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	G	E P	E R
JPACE -	USN/USMC	1	FY 06	HLS	140		140								140											┝		$\vdash$				
	USN/USMC	1	FY 06	MC	6704		6704								1340	1340	1340	1340	1344							Т						
	USN/USMC	1	FY 06	N	8116		8116								1623	1623	1623	1623	1624							Т						
JPACE -		1	FY 06	A	9232		9232									A										9232						
JPACE -	USN/USMC	1	FY 07	MC	1603		1603											A			320	320	320	320	323	┢		$\vdash$				
	USN/USMC	1	FY 07	N	3674		3674											А			500	500	500		500	1174						
JPACE -		1	FY 07	A	6000		6000											A						1500	_	_						
JPACE -	CVC	1	FY 08	MC	3946		3946																		A	$\vdash$	500	500	500	500	500	1446
JPACE -		1	FY 08	A	9290		9290										Г					Α			-	Т		-	-		9290	
																								┡	-	┡		┡				
											_						H						$\vdash$	$\vdash$	$\vdash$	┢		$\vdash$				
																										┢		$\vdash$				
																										Т						
																								L		┡		_				
																										$\vdash$						
								O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT.	ION RATES										]	LEAD	TIME	ES					TOTA	L		REM	ARKS					
No b	NAME & OCATION		MIN		105	MAN	UOM					D.		Admin			2-4			uction		١.	6 1	0.4								
Number 1	NAME/LOCATION  Creative Apparel Assoc. Morrill, ME		MIN. 300		1-8-5 10000	MAX. 15000	UOM E	Iı	nitial /	Reorde	er		ior 1 C			fter 1 (				1 Oct / 10		_	fter 1 15 / 1		1							
																			.,						1							
																									1							
																									$\mathbf{I}$							
																									1							
																									4							
																									1							

	E 1914 DA1 D 1	· · · ·				P-1 Item	Nomenclati		5) 10)		OD OT	EOTI	XIII A	IDCI	) FW	ENICE	n and	E /ID	ACE				]	Date:			Б		2000	2		
	Exhibit P21, Produc	tion S	cneaule				(	(J1001	5) JO.	INIF	'KO1			Year		ENSE	EMBI	LE (JP	ACE	.)				I	iscal	Year		bruary	7 2008	8		
				S	PROC	ACCEP	BAL									endaı	r Yea	r 09										Year 1	10			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
JPACE - 0	CVC	1	FY 08	MC	3946	2500	1446	500	500	446																						
JIMEL		•	11 00	MC	37-10	2500	1410																			$\vdash$						
		-																								┡		-				
																										┢		$\vdash$				
		-																								⊢		-				
																										┢						
		-																								┡		-				
																									$\vdash$	┢		$\vdash$				
		_																								┡						
																										┢						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ON RATES										I	LEAD '	TIME	S					ТОТА	L		REM	ARKS					
														Admini						iction												
Number	NAME/LOCATION		MIN. 300		1-8-5 .0000	MAX. 15000	UOM E		nitial / l	D J .			ior 1 C			fter 1 C				1 Oct 10			fter 1 (		1							
1	Creative Apparel Assoc. Morrill, ME		300		.0000	15000	Е	- 11	nitiai / l	Reorde	er		0/0			11/2			4 /	10			15 / 1.	2	1							
																									1							
																									1							
																									1							
																									1							
																									1							

Exhibit P-40, Budg	et Item Justif	ication Shee	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	/CHEM-BIO DE	FENSE		P-1 Item Nome		) JOINT SERVIO	CE MASK LE	AKAGE TEST	TER (JSMLT)	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	2447	426	295							3168
Gross Cost	46.1	14.4	9.9							70.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	46.1	14.4	9.9							70.3
Initial Spares										
Total Proc Cost	46.1	14.4	9.9							70.3
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: The Joint Service Mask Leakage Tester (JSMLT) is a joint program among the Air Force, Navy, and Marine Corps. The JSMLT is a Commercial off-the-shelf (COTS) item. JSMLT will be a portable, unit level device, capable of determining proper fit and identifying defective and/or unserviceable components of current and future negative pressure NBC protective masks. The JSMLT alleviates the need for five different test devices (M14 Mask Leakage Tester, M4A1 Outlet Valve Leakage Tester, Q204 Drink Train Leakage Tester, Q179 Drink Train/Quick Disconnect Leakage Tester, and Q79A1 Air Flow Leakage Tester). Operating forces currently lack the capability to verify their Preventative Maintenance and Checks and Services (PMCS) on negative pressure NBC protective masks at the unit level. Currently, only the Joint NBC Defense Equipment Assessment Units possess the equipment necessary to verify PMCS. As a result, unacceptable numbers of masks do not receive correct PMCS and the readiness of operating forces is severely hampered. JSMLT will give the operating forces the ability to check whether masks are receiving the proper PMCS and will greatly increase the confidence of commanders in their masks. The ability to verify PMCS will also ensure that the lives of warfighters are not unnecessarily compromised. It will also promote greater awareness of proper PMCS, and therefore, have a positive impact on operating force readiness. The TDA-99M, which meets the JSMLT requirements is currently available as a COTS item, has contractor logistics support, and is on the GSA schedule. FY08 is the final year of joint funding procurement.

Exhibit P-5, Weapon WPN SYST Cost Analysis			activity/Serial N SE-WIDE/3/CHE		(JSM001	Item Nomencla ) JOINT SERV GE TESTER (J	ICE MASK		Weapon Syster	n Type:	Date: Febru	uary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JSMLTS JSMLTS Hardware	A			11899	426	27.932	8240	295	27.932			
OTHER COSTS  Adapter Kits Engineering Support (Gov't) Quality Assurance System Fielding				700 766 607 462			409 950 202 53					
TOTAL				14434			9854					

	Exhibit P-5a, Budget P	rocurement Hist	tory and Planning					Date:	ebruary 200	8
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It (JSM00	em Nomeno 1) JOINT S	elature: ERVICE MAS	SK LEAKAGI	E TESTER (	JSMLT)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JSMLTS Hardware FY 07 FY 08	Hamilton Associates Inc., Owing, Mills, MD Hamilton Associates Inc., Owing, Mills, MD	C/FFP Opt/2 C/FFP Opt/3	US Army, RDECOM, APG, MD US Army, RDECOM, APG, MD	Dec-06	May-07 Mar-08	426 295	27932 27932	Yes		
REMARKS:										

	E INL DAG D					P-1 Item	Nomenclati				~~~					~~~				-				Date:			_		• • • •			
	Exhibit P21, Produc	ction S	chedule				(	JSM0	01) JC	DINT	SER					GE T	EST	ER (JS	SML	Γ)					· ·	***		bruary	2008	3		
												F	iscal	Year			<b>X</b> 7	05					1	ŀ		Year		7 (	00			L
	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	О	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A	A P	M A Y	Year ( J U N	J U	A U G	S E P	A T E R
703.57.000			****				***																	_		┡						
JSMLTS		1	FY 07	AF	249		249 3			A						23	23	23	23	18	18	18	18	14	25	23		-				
JSMLTS JSMLTS		1	FY 07	HLS MC	3 102		102			A A					3 5	5	5	5	5	1.5	1.5	15	1.5	12	5	⊢		$\vdash$				
JSMLTS		1	FY 07 FY 07	MC N	72		72			A					2		2			15 15	15	13	_	_	5	┢						
Janielia	nauwaie	1	1107	IN	12		12			А					2	2	2	2	2	15	13	13	15	8		┢						
JSMLTS	Hardware	1	FY 08	AF	180		180															Α			18	18	18	18	18	18	18	54
JSMLTS	Hardware	1	FY 08	MC	69		69															Α			7	7	7	7	7	7	7	20
JSMLTS	Hardware	1	FY 08	N	46		46															A			4	4	4	4	4	4	4	18
		_																					Н	⊢	┢	⊢		$\vdash$				
																										Н						
									Н																$\vdash$	┢		$\vdash$				
																										Т						
																										┖						
																								┡	_	┡						
								0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
								C T	O V	E C	A N	E B	A R		A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R		A Y	U N	U L	U G	E P	
MFR			PR	ODUCT	ION RATES											LEAD	TIME						TOTA	L		REM	ARKS					
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					D-	ior 1 C	Admin		/e fter 1 C	Oct			ction 1 Oct		А	fter 1	Oct								
1	Hamilton Associates Inc., Owing, Mills, MD		10		40	75	E E	Iı	nitial / ]	Reorde	er		0/0		A	2/2	,,,			/ 4		A	8 / 6		1							
	, 0, 1																								1							
																									4							
																									4							
																									1							
																									1							
																									1							
																									1							

	E 1914 D21 D 1 4	· · · ·				P-1 Item	Nomenclati		01) 10	NA TE	CEDY	лог	<b>.</b>	112 T F		OF T	rece	ED /I	N 41 7	E).				Date	:		Г		2000	2		
	Exhibit P21, Product	tion S	chedule				(	JSM0	01) JC	)IN I	SER			Year		AGE T	EST	ER (J	SML	()				1	Fiscal	Year		bruary	7 2008	8		
				S	PROC	ACCEP	BAL									lenda	r Yea	ır 09										Year 1	10			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
ISMI TS	Hardware	1	FY 08	AF	180	126	54	10	18	18													$\vdash$		+	╀		$\vdash$				
JSMLTS		1	FY 08	MC	69	49	20	7	7	6												$\vdash$			+	$\vdash$	$\vdash$		Н			
JSMLTS		1	FY 08	N	46	28	18	4	8	6																						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	Α		M A R	P	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES								A	Admini		LEAD /e	TIME		Produ	action			ТОТА	ΛL		REM	ARKS					
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM	_					ior 1 C		At	fter 1 C	Oct			1 Oct		A	After 1		4							
1	Hamilton Associates Inc., Owing, Mills, MD		10		40	75	Е	li	nitial / l	Reorde	er		0/0			2/2			6.	/ 4			8/6	,								

Exhibit P-40, Bu	dget Item Justif	ication She	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WID	E/3/CHEM-BIO DE	FENSE		P-1 Item Nome	enclature	(MA0400) I	PROTECTIVE	CLOTHING		
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	3305246									3305246
Gross Cost	1023.6	31.3	38.7	37.6	27.2	18.0	18.3	9.5	Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	1023.6	31.3	38.7	37.6	27.2	18.0	18.3	9.5	Continuing	Continuing
Initial Spares										
Total Proc Cost	1023.6	31.3	38.7	37.6	27.2	18.0	18.3	9.5	Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

**DESCRIPTION:** The Joint Service Protective Clothing program is a Joint Service chemical protective ensemble development, testing, and production program. The Protective Clothing program integrates technological improvements in protective military garments. These improvements provide Service members Chemical and Biological (CB) protection in all combat theaters. In addition, the program provides commonality, standardization, and full compatibility of all interfacing equipment. The Protective Clothing program provides production of the following protective clothing ensembles:

- (1) The Joint Service Lightweight Integrated Suit Technology (JSLIST) program currently in production, field a common chemical protective ensemble (suits, boots, socks, and gloves) to US Forces. The program provides state-of-the-art chemical protection, reduced heat stress, full compatibility with all interfacing equipment, longer wear (45 days) and launderability, a single technical data package and technical data manual, a standard tariff, split issue to improve fit and reduce inventory, and flame retardancy. JSLIST promotes commonality and standardization to maximize resources and eliminate redundancy among the Services.
- (2) The JSLIST CB Combat Vehicle Crewmen Coveralls (JC3) is geared toward satisfying the armored vehicle crew CB requirement.
- (3) There are two glove programs. The JSLIST Block I Glove Upgrade (JB1GU) is geared toward satisfying the urgent Special Operations Command (SOCOM) CB protective glove requirement. The JSLIST Block 2 Glove Upgrade (JB2GU) Flame Resistant (FR) and JB2GU Non-Flame Resistant (NFR) will meet the Services CB glove requirements for a 30 day glove.
- (4) There is also the Alternative Footwear Solutions (AFS) and Integrated Footwear (IFS) programs that will satisfy the need for a CB protective overboot and a sock/liner.

JUSTIFICATION: FY09 will procure 32,370 JB2GU FR, 239,004 JB2GU NFR, 419,192 AFS and 9,566 JC3 to meet joint service CBRN equipment requirements.

NOTE: Proc Qty Prior Years reflects only quantities of JSLIST Overgarment.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2008
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE			(MA0400) PROTECTIVE CLOTHING
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0604384BP/Proj IP5	В			

## **RDT&E Code B Item**

JSLIST Block II Glove Upgrade: Conduct research, development, and operational assessment of Chemical and Biological (CB) protective glove materials, concentrating on selectively permeable technology solution to satisfy the current 30 day requirement in JSLIST and JPACE ORDs.

AFS: Conduct research, development, and operational assessment of CB protective overboots and materials

IFS (formerly MPS): Conduct research, development, and operational assessment of CB protective sock/liner solutions

RDT&E FY06 and Prior - 43.9M; FY07 - 1.3M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES

22 ( 2201 ) 21 ( 17 1 20 1 0 1 1 1 0 0 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1 0 0 1	211111	001111 2212
JSLIST - Block II Glove MS C	2Q FY07	2Q FY07
JSLIST - Milestone C AFS	2Q FY07	2Q FY07
JSLIST - Performance Enhancement DT - Overgarment	1Q FY07	3Q FY07
JSLIST - Performance Enhancement FUE - Overgarment	4Q FY07	4Q FY07
JSLIST - Performance Enhancement ECP - Overgarment	4Q FY08	4Q FY08
JSLIST - Full Rate Production (FRP) AFS	3Q FY07	1Q FY12
JSLIST - FRP Block II Glove	3Q FY07	Continuing
JSLIST - FRP IFS	2Q FY07	1Q FY08

**COMPLETE** 

START

Exhibit P-5, Weapon			-	activity/Serial No			Item Nomencla			Weapon System	т Туре:	Date: Febru	ıary 2008
WPN SYST Cost Analysis		DEFENSE				(	-,						
Weapon System	ID					FY 07			FY 08			FY 09	
Cost Elements	CD				Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
					\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JSLIST COMBAT VEHICLE CREWMEN COVERALLS (JC3) JC3	A							11188	12557	0.891	8523	9566	0.891
PROTECTIVE SUIT  JSLIST Garment	A				4427	18920	0.234						
AFS AFS Hardware AFS-SV	A A				2704 2160	100106 16808	0.027 0.129	10002	339955	0.029	11825	419192	0.028
IFS IFS Hardware	В				5408	167854	0.032						
JB2GU FR JB2GU FR Hardware	A							2058	35031	0.059	1949	32370	0.060
JB2GU NFR JB2GU nFR Hardware	A				4926	175932	0.028	6137	219164	0.028	7170	239004	0.030
OTHER COSTS  JSLIST Contract Support Engineering Support (Gov't) Quality Control (Gov't) System Fielding Support (NET/FDT/TDY) Production Lot Testing (PLT)					2169 3977 2000 2706 800			2196 3302 1459 1443 960			2169 2363 1165 1472 960		
TOTAL					31277			38745			37596		

ense  ntractor and Location  OWN  OWN  ONE Inc, El Paso,	Contract Method and Type  C/FFP  C/FFP Opt1	Location of PCO  UNKNOWN  UNKNOWN	Award Date Apr-08 Feb-09	P-1 Line Ist Date 1st Delivery  Jul-08 May-09	QTY Each  12557 9566	Unit Cost \$	CTIVE CLOT  Spec/TDP Avail Now?  Yes	HING Date Revsn Avail	RFP Issu Date
OWN OWN	Method and Type C/FFP	UNKNOWN	Date Apr-08	Delivery Jul-08	Each 12557	\$ 891	Avail Now?	Revsn	
)WN			•				Yes		
)WN			•				Yes		
	C/FFP Opt1	UNKNOWN	Feb-09	May-09	9566				
ONE Inc, El Paso,					,	891	Yes		
ONE Inc, El Paso,									
	C/FFP	Natick, Natick, MA	Apr-07	Jul-07	18920	234	Yes		
- ACTON, Acton	C/FFP	Natick, Natick, MA	Jun-07	Dec-07	100106	27	Yes		
iebec, Canada									
- ACTON, Acton	C/FFP	Natick, Natick, MA	Jan-08	Apr-08	339955	29	Yes		
iebec, Canada									
- ACTON, Acton nebec, Canada	C/FFP OPT/1	Natick, Natick, MA	Jan-09	Mar-09	419192	28	Yes		
ne World Wide ockford, MI	C/FFP	Natick, Natick, MA	Jul-07	Sep-07	16808	129	Yes		
1	ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton ebec, Canada ebec, Canada	ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton C/FFP C/FFP OPT/1 ebec, Canada  ne World Wide C/FFP	ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton ebec, Canada C/FFP OPT/1 Patick, Natick, MA  C/FFP OPT/1 Natick, Natick, MA  Patick of the World Wide C/FFP Natick of Natick	ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton ebec, Canada C/FFP OPT/1 Natick, Natick, MA Jan-09 ebec, Canada  ne World Wide C/FFP Natick, Natick, MA Jul-07	ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton ebec, Canada C/FFP OPT/1 Natick, Natick, MA Jan-09 Mar-09  Mar-09  Mar-09  Mar-09  Mar-09  Mar-09	ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton ebec, Canada C/FFP OPT/1 Natick, Natick, MA Jan-08 Apr-08 339955 Mar-09 Mar-09 419192  Mar-09 Apr-08 Apr-08 339955 Apr-08 Apr-0	ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton ebec, Canada C/FFP OPT/1 Natick, Natick, MA Jan-09 Mar-09 419192 28  The World Wide C/FFP Natick, Natick, MA Jul-07 Sep-07 16808 129	ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton ebec, Canada  C/FFP OPT/1 Natick, Natick, MA Jan-09 Mar-09 Har-09 Har-09 Jan-09 Jan-09 Mar-09 Jan-09 Apr-08 Yes  Yes	ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton ebec, Canada ACTON, Acton ebec, Canada C/FFP OPT/1 Natick, Natick, MA Jan-09 Mar-09 419192 28 Yes  Dee World Wide C/FFP Natick, Natick, MA Jul-07 Sep-07 16808 129 Yes

	Exhibit P-5a, Budget	Procurement Hi	story and Planning					Date:	February 200	)8
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENS	SE-WIDE/3/CHEM-BIO DEFENSE	Weapon System Typ	e:		P-1 Line I	tem Nomeno (MA	clature: 0400) PROTE	CTIVE CLOT	HING	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
IFS Hardware										
FY 07	AirBoss- ACTON, Acton Vale, Quebec, Canada	C/FFP	Natick, Natick, MA	Jun-07	Aug-07	167854	32	Yes		
JB2GU FR Hardware										
FY 08	AirBoss-ACTON, Acton Vale, Quebec, Canada	C/FFP	MCSC, Quantico, VA	Mar-08	Jun-08	35031	59	Yes		
FY 09	AirBoss-ACTON, Acton Vale, Quebec, Canada	C/FFP Opt/2	MCSC, Quantico, VA	Dec-08	Feb-09	32370	60	Yes		
JB2GU nFR Hardware										
FY 07	AirBoss-ACTON, Acton Vale, Quebec, Canada	C/FFP	MCSC, Quantico, VA	Jun-07	Dec-07	175932	28	Yes		
FY 08	AirBoss-ACTON, Acton Vale, Quebec, Canada	C/FFP Opt/1	MCSC, Quantico, VA	Jan-08	Mar-08	219164	28	Yes		
FY 09	AirBoss-ACTON, Acton Vale, Quebec, Canada	C/FFP Opt/2	MCSC, Quantico, VA	Jan-09	Mar-09	239004	30	Yes		
REMARKS:										

	Exhibit P21, Product	ion S	ahadula			P-1 Item	Nomenclati	ure:		(M)	A 0.400	)) PR(	OTEC	TIVI	E CL (	тип	NG						]	Date:			Fo	bruary	, 2009	2		
	Exhibit F21, Froduct	1011 8	chedule							(1017	10400		scal Y			71111	NO						_	E	Siccol	Year		oruary	2000	,		
												1.1	scar 1	cai		endaı	· Von	r 07										Year 0	ıQ			L
	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
JSLIST G		4	FY 07	MC	18920		18920							A			9460	9460								⊢						
AFS Hard		2	FY 07	A	50053		50053									A						13000	13000	_	11053							
AFS Hard	ware	2	FY 07	AF	50053		50053									A						13000	13000		11053							
AFS-SV		3	FY 07	A	16808		16808										A			2000			2000		2808	-						
IFS Hardy		2	FY 07	U	167854		167854									A		14000	15000	15000	15000	15000	15000	17000	17000	16854	14000	14000				
	FR Hardware	1	FY 07	A	93290		93290									Α						23322	23322		23324							
	FR Hardware	1	FY 07	AF	61885		61885									A						15473	15473		15466	-						
JB2GU nl	FR Hardware	1	FY 07	N	20757		20757						$\dashv$			A						5000	5000	5000	5757	$\vdash$						
JC3		5	FY 08	A	8851		8851																			Α			885	885	885	6196
JC3		5	FY 08	MC	3706		3706																			A			370	370	370	2596
AFS Hard	ware	2	FY 08	A	180936		180936																Α			18093	18093	18093	18093	18093	18093	72378
AFS Hard		2	FY 08	AF	75000		75000																A			7500		7500	10070	10070	7500	30000
AFS Hard	ware	2	FY 08	HLS	2437		2437																Α			1000	1000				489	1948
AFS Hard	ware	2	FY 08	MC	51026		51026																Α			5102	5102	5102	5102	5102	5102	20414
AFS Hard	ware	2	FY 08	N	22537		22537																Α			2253	2253	2253	2253	2253	2253	9019
AFS Hard	ware	2	FY 08	OGA	8019		8019																Α								1602	6417
JB2GU F	R Hardware	6	FY 08	A	15312		15312																		Α			1914	1914	1914	1914	7656
JB2GU F	R Hardware	6	FY 08	HLS	2440		2440																		Α			305	305	305	305	1220
JB2GU F	R Hardware	6	FY 08	N	7832		7832																		A			979	979	979	979	3916
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ON RATES										L	.EAD	TIME	S				7	ТОТА	L		REM.	ARKS					
															strativ					action												
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM						or 1 O	ct		ter 1 C	Oct			1 Oct		A	fter 1 (		-							
1	AirBoss-ACTON, Acton Vale, Quebec, Canada		9600		24000	68000	Е		nitial /				0/0			8/3			7.			-	15 / 6		-							
2	AirBoss- ACTON, Acton Vale, Quebec, Canada		14000		60400	120000	Е	_	nitial /				0/0			8/3			7.				15 / 7		1							
3	Wolernine World Wide INC., Rockford, MI		500		2101	3200			nitial /				0/0			9/9			3			_	12 / 12		1							
4	READYONE Inc, El Paso, TX		500		2000	100000		_	nitial /				0/0			6/6				/ 4			10 / 10		1							
5	UNKNOWN		500		2000	2400	E	_	nitial /				0/0			6/4				/ 4			10 / 8		-							
6	AirBoss-ACTON, Acton Vale, Quebec, Canada		9600	2	24000	68000	Е	Iı	nitial /	Reorde	er		0/0			5/2			4	/ 3			9/5		-							
																									1							
																									1							

						P-1 Item	Nomenclat	ure:																Date:	:							
	Exhibit P21, Product	ion S	chedule							(Ma	A0400	)) PR(	OTEC	CTIV	E CL	OTHI	NG										Fe	bruary	2008			
												Fi	scal `	Year	07									]	Fiscal	Year	- 08					
				S	PROC	ACCEP	BAL								Cal	lenda	r Yea	ır 07								Cale	ıdar `	Year (	8			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C		F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
JB2GU F	R Hardware	6	FY 08	U	9447		9447																		Α			1180	1180	1180	1180	4727
JB2GU n	FR Hardware	1	FY 08	A	110484		110484																A		9207	9207	9207	9207	9207	9207	9207	46035
JB2GU n	FR Hardware	1	FY 08	AF	72192		72192																Α		6016	6016	6016	6016	6016	6016	6016	30080
JB2GU n	FR Hardware	1	FY 08	MC	16325		16325																A		1359	1359	1359	1359	1359	1359	1359	6812
	FR Hardware	1	FY 08	N	13308		13308																Α		1109	1109	_	_	1109	1109	1109	5545
JB2GU n	FR Hardware	1	FY 08	U	6855		6855																Α		2074	2074	2074	633				
		_																							╄	╄						
		-																							╀	╀						
																									$\vdash$	$\vdash$						
		-																					-		+-	╫		-				
																									$\vdash$	┢						
																										$\vdash$						
																									$\vdash$	$\vdash$				Н		
																									$\vdash$	$\vdash$						
																									$\vdash$	$\vdash$						
																									$\vdash$	$\vdash$						
																							Т			Т						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	Α	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES										]	LEAD	TIME	S					ТОТА	L		REM	ARKS					
													A	Admin					Produ	action		1										
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C	Oct	A	fter 1 (	Oct		After	1 Oct		А	After 1	Oct								
1	AirBoss-ACTON, Acton Vale, Quebec, Canada		9600	:	24000	68000	Е	Iı	nitial / ]	Reorde	er		0/0			8/3			7	/ 3			15 / 6	5								
2	AirBoss- ACTON, Acton Vale, Quebec, Canada		14000	:	50400	120000	Е	Iı	nitial / ]	Reorde	er		0/0			8/3			7	/ 4			15 / 7	7								
3	Wolernine World Wide INC., Rockford, MI		500		2101	3200		Iı	nitial / l	Reorde	er		0/0			9/9			3	/ 3			12 / 1	2								
4	READYONE Inc, El Paso, TX		500		12000	100000		Iı	nitial / ]	Reorde	er		0/0			6/6			4	/ 4			10 / 1	0	1							
5	UNKNOWN		500		2000	2400	Е	Iı	nitial / l	Reorde	er		0/0			6/4			4	/ 4			10 / 8	8	4							
6	AirBoss-ACTON, Acton Vale, Quebec, Canada		9600	- 2	24000	68000	Е	Iı	nitial / l	Reorde	er		0/0			5/2			4	/ 3			9/5		4							
																									4							
																									4							

	E-hihit D21 Duodu et	en C	ماده ماد			P-1 Item	Nomenclat	ure:		М	A 0.400	)) PR(	TEC	'TIX/I	E CL	OTH	NC							Date	::		г	o la ma	ary 20	000		
	Exhibit P21, Product	ion S	cneaute							(IVI	A0400					JIHI	NG								г.	1 87		eorua	ary 20	JU8		_
												Fi	scal Y	ear (			<b>T</b> 7	00					_		Fisca			<b>T</b> 7	10			L
		М	EW	S	PROC	ACCEP	BAL						_			enda	r Yea			•			┡	_	_	_	endar		_	_	_	A
	COOR EL EMENIES	M F	FY	E R	QTY Each	PRIOR TO	DUE AS OF	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E							A S J H	
	COST ELEMENTS	R		V		1 OCT	1 OCT	T	V	Č	N	В	R	R	Y	N	Ĺ	G	P	T	V	Č	N	В							3 I	
JC3		5	FY 08	A	8851	2655	6196	885	885	885	885	885	885	886									L	L		┸			┸			
JC3		5	FY 08	MC	3706	1110	2596	370		370	370	370	370	376										╙		┸		_	4		_	
AFS Hard	ware	2	FY 08	A	180936	108558	72378	18093	18093	18093	18099															_		_	_			
AFS Hard	ware	2	FY 08	AF	75000	45000	30000	7500	7500	7500	7500												_	┺	_	_	_	_	4	_	_	
AFS Hard	ware	2	FY 08	HLS	2437	489	1948	489	489	489	481												_	┺	_	_		_	4	_	_	
AFS Hard		2	FY 08	MC	51026	30612	20414	5102		5102	5108													╄	_	╄	_	+	4	_	_	
AFS Hard		2	FY 08	N	22537	13518	9019	2253		2253	2260												┡	₩		+	_	+	4	_	+	_
AFS Hard	ware	2	FY 08	OGA	8019	1602	6417		1602	1602	1611		_										_	╄	_	╄		+	4	_	_	
	R Hardware	6	FY 08	Α	15312	7656	7656		1914	1914	1914	_												_	_	_		_	+			_
	R Hardware	6	FY 08	HLS	2440	1220	1220	305	305	305	305	_											_	╄	+-	+	_	+	+	_	_	_
	R Hardware	6	FY 08	N	7832	3916	3916	979	979	979	979	_											┡	╄	+	╇	+	+	+	+	+	_
	R Hardware	6	FY 08	U	9447	4720	4727		1180	1180	1187	_											_	╄	+	╇	_	+	+	_	_	
	FR Hardware	1	FY 08	A	110484	64449	46035		9207	9207	9207	9207	_										-	╄	+	╇	_	+	+	_	_	_
	FR Hardware	1	FY 08	AF	72192	42112	30080		-		6016	6016					_						-	╀	+-	+	_	+	+	_	_	_
	FR Hardware	1	FY 08	MC	16325	9513	6812		1359	1359	1359	1376												╀	_	+	_	+	+		_	
JB2GU nl	FR Hardware	1	FY 08	N	13308	7763	5545	1109	1109	1109	1109	1109												-	_	+		+	+			_
Y.C.0		-	FW 00		5051		5051					_					_						-	╀	+	┿	_	+	+	+	+	_
JC3		5	FY 09	A	7871		7871					A			871	700	700	700	700	700	700	700	700			_		+	+	_	_	
JC3	lyvono.	5 2	FY 09 FY 09	MC	1695 202121		1695 202121					A			160	160	160	160	160	160	160		160	160	95	+	+	+	╫	+	+	
AFS Hard	ware	2	FY 09	A	202121		202121				A		18424	18424	18424	18424	18242	18424	18242	18424	18424	18424	18245			+		+	+		+	
								0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F							A S	
								C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B			A	. U	) (		J I	
									·	-	- '								-		·				-	_						
MFR			PR	ODUCTI	ON RATES											LEAD	TIME	ES				-	TOTA	L		REI	MARK	S				
Noodoo	NAME A OCATION		MIN		105	MAN	HOM					D.:		dmini			<b>.</b>			uction		١,	61	0.4								
Number	NAME/LOCATION  AirPage ACTON Agtor Valo Ovahor Consider		MIN.		1-8-5	MAX.	UOM		alalol (	Dac - 1			or 1 O	ct	A	fter 1 C	oct			1 Oct		А	fter 1		-							
2	AirBoss-ACTON, Acton Vale, Quebec, Canada AirBoss- ACTON, Acton Vale, Quebec, Canada		9600 14000		24000 50400	68000 120000	E E		nitial /				0/0			8/3				/ 3 / 4			15 / 0		-							
3	Wolernine World Wide INC., Rockford, MI		500		2101	3200	E	_	nitial / i nitial / i				0/0			9/9				/ 4			12 / 1		+							
4	READYONE Inc, El Paso, TX		500		2000	100000			nitial /				0/0			6/6				/ 3			10 / 1		-							
5	UNKNOWN		500		2000	2400	Е		nitial /				0/0			6/4				/ <del>4</del> / 4			10 / 1		-							
6	AirBoss-ACTON, Acton Vale, Quebec, Canada		9600		24000	68000	E	_	nitial /				0/0			5/2				/ 4			9/5		-							
, ,	Table 112101, 12001, 12001, California		7000	_		55555		-"					-, 0			3,2			-				,, 5		-							
																									1							
																									1							

	Exhibit P21, Produc	tion S	chodulo			P-1 Item Nomenclature: (MA0400) PROTECTIVE CLOTHING  Fiscal Year 09													Date:			Fel	bruary	2008	·							
	Exmon F21, Froduc	uon S	chedule							(1017	10+00					OIIII	.110							I	iscal	Year		oruary	2000	,		
				S	PROC	ACCEP	BAL									lenda	r Yea	ar 09					Π					ear 1	0			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
AFS Hard	ware	2	FY 09	AF	113730		113730				A		11000	11000	11000	_	11000		11000	11000	11000	11000	3730									
AFS Hard	ware	2	FY 09	MC	51129		51129				A		5864	5864	5864	5864	5864	5864	3935	2864	2864	2864	3418									
AFS Hard	ware	2	FY 09	N	44202		44202				Α		5291	5291	5291	5291	5291	5291	3291	2291	2291	2291	2292									
AFS Hard	ware	2	FY 09	U	8010		8010				A								1602	1602	1602	1602	1602									
JB2GU FI	R Hardware	6	FY 09	A	10802		10802			Α		982	982	982	982	982	982	982	982	982	982	982				L						
JB2GU FI	R Hardware	6	FY 09	N	7909		7909			Α		719	719	719	719	719	719	719	719	719	719	719				L						
JB2GU FI	R Hardware	6	FY 09	U	13659		13659			A		1241	1241	1241	1241	1241	1241	1241	1241	1241	1241	1249								Ш		
JB2GU nI	FR Hardware	1	FY 09	A	130320		130320				Α		10860	10860	10860	10860	10860	10860	10860	10860	10860	10860	10860	10860								
JB2GU nI	FR Hardware	1	FY 09	AF	61884		61884				Α		5157	5157	5157	5157	5157	5157	5157	5157	5157	5157	5157	5157								
JB2GU nI	FR Hardware	1	FY 09	MC	26040		26040				Α		2170	2170	2170	2170	2170	2170	2170	2170	2170	2170	2170	2170								
JB2GU nI	FR Hardware	1	FY 09	N	20760		20760				Α		1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730		L						
																										L						
														_								_				_						
														_			L					_	_	_	_	_						
																										_						
																										_						
		_												_			L					_	_	_		_						
														_								_				_						
														_			_					_	_			_						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES											LEAD	TIME	ES					TOTA	L		REM.	ARKS					
													I	Admin	istrati	ve			Prod	uction												
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pr	ior 1 (	Oct	А	fter 1 (	Oct		After	1 Oct		А	fter 1	Oct								
1	AirBoss-ACTON, Acton Vale, Quebec, Canada		9600	:	24000	68000	Е	Iı	nitial /	Reorde	er		0/0			8/3			7	/ 3			15 / 6	5								
2	AirBoss- ACTON, Acton Vale, Quebec, Canada	ı	14000		50400	120000	Е	Iı	nitial /	Reorde	er		0/0			8/3			7	/ 4			15 / 7	7								
3	Wolernine World Wide INC., Rockford, MI		500		2101	3200		Iı	nitial /	Reorde	er		0/0			9/9			3	/ 3			12 / 1	2								
4	READYONE Inc, El Paso, TX		500		12000	100000		Iı	nitial /	Reorde	er		0/0			6/6			4	/ 4			10 / 1	0								
5	UNKNOWN		500		2000	2400	Е	Iı	nitial /	Reorde	er		0/0			6/4			4	/ 4			10 / 8	3	1							
6	AirBoss-ACTON, Acton Vale, Quebec, Canada		9600		24000	68000	Е	Iı	nitial /	Reorde	er		0/0			5/2			4	/3			9/5		1							
oxdot																									1							
																						L			1							

THIS PAGE INTENTIONALLY LEFT BLANK

## Budget Line Item #91 DECONTAMINATION

THIS PAGE INTENTIONALLY LEFT BLANK

Exhibit P-40, Budg	et Item Justif	ication Shee	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	/CHEM-BIO DE	FENSE		P-1 Item Nome	enclature	(PA1500)	) DECONTAM	IINATION		
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost	123.6	18.7	40.8	22.3	42.0	50.3	82.8	81.0	Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	123.6	18.7	40.8	22.3	42.0	50.3	82.8	81.0	Continuing	Continuing
Initial Spares										
Total Proc Cost	123.6	18.7	40.8	22.3	42.0	50.3	82.8	81.0	Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: The decontamination program provides equipment to facilitate the removal and detoxification of contaminants from materials without inflicting injury to personnel or damage to equipment or environment. This Joint Service program facilitates the procurement of a more transportable, less labor intensive, and more effective system for applying decontaminating solutions and removing gross contamination from vehicle and equipment surfaces. Contamination control techniques have been developed which minimize the extent of contamination pickup and transfer and maximize the ability of units to remove contamination both on-the-move and during dedicated decontamination operations. The Joint Service Family of Decontamination Systems (JSFDS) programs will provide this capability. The JSFDS consists of the (1) The Joint Service Personnel/Skin Decontamination System (JSPDS) will be a United States Food and Drug Administration (FDA) approved individually carried skin decontamination kit. JSPDS will provide the same or greater capabilities (number of decontamination operations and area of coverage) as the currently fielded M291 Skin Decontamination Kit (SDK). (2) The Joint Service Transportable Decontamination System Small-Scale (JSTDS-SS) will be transportable by a platform capable of being operated in close proximity to combat operations [i.e., High Mobility Multi-purpose Wheeled Vehicle/Trailer, Family of Medium Tactical Vehicles/Trailer] off-road over any terrain.

The Joint Service Sensitive Equipment Decontamination (JSSED/JMDS) is part of the Joint Material Decontamination System, a scalable family of systems based on a single vapor technology that neutralizes chemical and biological threat agents on sensitive materials. The JSSED/JMDS provides decontamination capability for sensitive equipment that is used by the warfighter in high threat areas, such as night vision goggles and communication equipment.

**JUSTIFICATION:** Operational forces, facilities, and equipment must be decontaminated to safely operate, survive, and sustain operations in a nuclear, biological and chemical agent threat environment. Key factors are reduced weight, increased transportability, decreased labor intensity, reduced water usage, and a more effective system for applying decontaminating solutions to vehicle and equipment surfaces. Decontamination of facilities frequently requires a large area to be covered, but weight, water usage, and labor intensity factors may not be as important as mobility and the ability to decontaminate large areas rapidly.

Exhibit P-5, Weapon WPN SYST Cost Analysis			activity/Serial N SE-WIDE/3/CHE			Item Nomencla			Weapon System	т Туре:	Date: Febru	uary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JOINT SERVICE PERSONNEL/SKIN DECONTAMINATION SYSTEM (JSPDS)				11542			18487					
JS TRANS DECON SYSTEM - SMALL SCALE (JSTDS-SS)				7176			22275			22299		
TOTAL				18718			40762			22299		

Exhibit P-40, Budge	et Item Justif	ication Shee	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3.	/CHEM-BIO DE	FENSE		P-1 Item Nome (JD0055) J		VICE PERSONN	IEL/SKIN DE	CONTAMINA	ATION SYSTE	M (JSPDS)
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty		388822	495835							884657
Gross Cost		11.5	18.5							30.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)		11.5	18.5							30.0
Initial Spares										
Total Proc Cost		11.5	18.5							30.0
Flyaway U/C										
Wpn Sys Proc U/C										

**DESCRIPTION:** The Joint Service Personnel/Skin Decontamination System (JSPDS) is a Food and Drug Administration (FDA) cleared individually carried skin decontamination kit. The JSPDS provides the warfighter the ability to decontaminate the skin, after exposure to Chemical/Biological (CB) warfare agents, in support of immediate and thorough personnel decontamination operations. Reactive Skin Decontamination (RSDL) provides the warfighter with improved capability over the existing M291 Skin Decontamination Kit (SDK) to reduce lethal and performance degrading effects of Chemical Warfare agents. Additionally it can be used to decontaminate individual equipment, weapons, and casualties on unbroken skin.

Exhibit P-40C, Budget Item Justific	ation Sheet	t		Date: February 2008
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	RVICE PERSONNEL/SKIN DECONTAMINATION SYSTEM (JSPDS)
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		(JD0055) JOHAT SER	VICE LEASONNEL/SKIN DECONTAININATION STSTEM (JSI DS)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj DE4; 0604384BP/Proj DE5				

The Joint Service Personnel/Skin Decontamination System (JSPDS) is a Food and Drug Administration (FDA) cleared individually carried skin decontamination kit. The JSPDS provides the warfighter the ability to decontaminate the skin, after exposure to Chemical/Biological (CB) warfare agents, in support of immediate and thorough personnel decontamination operations. Reactive Skin Decontamination (RSDL) provides the warfighter with improved capability over the existing M291 Skin Decontamination Kit (SDK) to reduce lethal and performance degrading effects of Chemical Warfare agents. Additionally it can be used to decontaminate individual equipment, weapons, and casualties on unbroken skin.

RDT&E FY06 and Prior - 3.6M; FY07 - 0.9M; FY08 - 0.8M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
Pouch Packaging Retest	3Q FY06	4Q FY06
IOT&E	2Q FY06	3Q FY06
MS C (Full Rate Production)	2Q FY07	2Q FY07

Exhibit P-5, Weapon  WPN SYST Cost Analysis			Activity/Serial No SE-WIDE/3/CHE		(JD0055) PERSON	Item Nomencla ) JOINT SERVI NNEL/SKIN DE M (JSPDS)	ICE		Weapon Syster	n Type:	Date: Febri	uary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JSPDS COMBAT KITS  JSPDS Combat Kit Hardware	A			6485	151823	0.043	10367	197165	0.053			
JSPDS TRAINING KITS JSPDS Training Kit Hardware	A			2504	166999	0.015	1714	100800	0.017			
M291 KITS M291 Kit Hardware - Congressional Add	A			2000	90790	0.022	5600	214000	0.026			
OTHER COSTS System Fielding Support				553			806					
TOTAL				11542			18487					

	Exhibit P-5a, Budge	t Procurement His	story and Planning					Date:	February 200	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-	-WIDE/3/CHEM-BIO DEFENSE	Weapon System Typ	e:		P-1 Line I		JOINT SERV	ICE PERSON ON SYSTEM		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
JSPDS Combat Kit Hardware										
FY 07	Canadian Commercial Corporation, Montreal, Canada	C/FFP/Opt 1	USASMDC, Frederick, MD	Mar-07	May-07	151823	43	Yes		Feb-02
FY 08	Canadian Commercial Corporation, Montreal, Canada	C/FFP/Opt 2	USASMDC, Frederick, MD	Jan-08	Mar-08	197165	53	Yes		Aug-02
JSPDS Training Kit Hardware										
FY 07	Canadian Commercial Corporation, Montreal, Canada	C/FFP/Opt 1	USASMDC, Frederick, MD	Mar-07	May-07	166999	15	Yes		Feb-02

	Exhibit P-5a, Budget	Procurement His	story and Planning					Date: I	February 200	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	/CHEM-BIO DEFENSE	Weapon System Type	e:		P-1 Line I		JOINT SERV	ICE PERSON ON SYSTEM		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue
JSPDS Training Kit Hardware (cont)										
FY 08	Canadian Commercial Corporation, Montreal, Canada	C/FFP/Opt 2	USASMDC, Frederick, MD	Jan-08	Mar-08	100800	17	Yes		Aug-02
M291 Kit Hardware - Congressional Add										
FY 07	Truetech Inc, Riverhead, NY/Pine Bluff	MIPR	TACOM, Rock Island, IL	Jun-07	Aug-07	90790	22	Yes		
FY 08	Truetech Inc, Riverhead, NY/Pine Bluff	MIPR	TACOM, Rock Island, IL	Mar-08	May-08	214000	26	Yes		

	E 1914 P44 P 1	. a														(ICD	<b>D</b> (0)		Date:			-		200	2							
	Exhibit P21, Produ	ction S	chedule			(J.	(JD0055) JOINT SERVICE PERSONNEL/SKIN DECONTAMINATION SYSTEM  Fiscal Year 07							TEM	(JSP	DS)						bruar	y 200	8								
											1	Fi	scal \	Year									_	]	iscal							L
				S	PROC	ACCEP	BAL								Cal	endai	r Yea	ır 07								Caler	ıdar	Year (	)8			A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
																							_			┡						
	ombat Kit Hardware	1	FY 07	A	151823		151823	_					A		75000		_					76823	-		-	-	-	-	_			
	aining Kit Hardware	1	FY 07	A	145399		145399						A		3400							920			141079			₩				
	aining Kit Hardware	1	FY 07	N	21600		21600						A		21600							-			-	┢		-				
M291 Kit	Hardware - Congressional Add	2	FY 07	J	90790		90790									A		15130	15132	15132	15132	15132	15132			┢						
JSPDS Co	ombat Kit Hardware	1	FY 08	A	133059		133059																A		19011	19008	19008	19008	19008	19008	19008	
JSPDS Co	ombat Kit Hardware	1	FY 08	AF	9674		9674																Α		1382	1382	1382	1382	1382	1382	1382	
JSPDS Co	ombat Kit Hardware	1	FY 08	MC	25403		25403																Α		3629	3629	3629	3629	3629	3629	3629	
JSPDS Co	ombat Kit Hardware	1	FY 08	N	29029		29029																A		4147	4147	4147	4147	4147	4147	4147	
JSPDS Tr	aining Kit Hardware	1	FY 08	A	88704		88704																Α		12672	12672	12672	12672	12672	12672	12672	
JSPDS Tr	aining Kit Hardware	1	FY 08	AF	1211		1211																Α		173	173	173	173	173	173	173	
JSPDS Tr	aining Kit Hardware	1	FY 08	MC	1211		1211																Α		173	173	173	173	173	173	173	
JSPDS Tr	aining Kit Hardware	1	FY 08	N	9674		9674																Α		1382	1382	1382	1382	1382	1382	1382	
M291 Kit	Hardware - Congressional Add	2	FY 08	J	214000		214000																		Α		42800	42800	42800	42800	42800	
																										_						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ON RATES										I	LEAD	TIME	S					TOTA	L		REM	ARKS					
													Α	Admini	istrativ	e e			Produ	uction		]										
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	or 1 C	)ct	Af	fter 1 C	Oct		After	1 Oct		A	After 1	Oct	1							
1	Canadian Commercial Corporation, Montreal,	, Canada	500	_	80000	267000	Е	Iı	nitial / ]	Reorde	er		0/0			5/3			3.	/ 3			8/6	i	1							
2	Truetech Inc, Riverhead, NY/Pine Bluff		35000	3	8000	140000	Е	Iı	nitial / l	Reorde	er		0/0			8/5			3	/ 3			11 / 8	8	4							
																									1							
																									1							
																									1							
																									1							
																									1							
																									1							

Exhibit P-40, Budgo	et Item Justif	ïcation Shee	et		:	Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	/CHEM-BIO DE	FENSE		P-1 Item Nome		TRANS DECO	N SYSTEM -	SMALL SCA	LE (JSTDS-SS)	)
Program Elements for Code B Items:		Code:	Other Relate	d Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty		200	500	500	923	911	910	166	Continuing	Continuing
Gross Cost	2.9	7.2	22.3	22.3	30.2	29.8	29.8	5.0	Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	2.9	7.2	22.3	22.3	30.2	29.8	29.8	5.0	Continuing	Continuing
Initial Spares										
Total Proc Cost	2.9	7.2	22.3	22.3	30.2	29.8	29.8	5.0	Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										
			·		·			·		

**DESCRIPTION:** The Joint Service Transportable Decontamination System, Small Scale (JSTDS-SS) will consist of an applicator and accessories that apply JSTDS-SS decontaminant to conduct operational and thorough decontamination of non-sensitive military material, limited facility decontamination at logistics bases, airfields (and critical airfield assets), naval ships, ports, key command and control centers, and other fixed facilities that have been exposed to CBRN warfare agents/contamination.

The JSTDS-SS will be transportable by a platform capable of being operated in close proximity to combat operations [i.e., High Mobility Multi-purpose Wheeled Vehicle/Trailer, Family of Medium Tactical Vehicles/Trailer] off-road over any terrain.

JUSTIFICATION: FY09 funding will be used to procure 500 systems and 17,000 gallons of decontaminant to be fielded to high threat areas.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2008
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (JD0056) J	S TRANS DECON SYSTEM - SMALL SCALE (JSTDS-SS)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0604384BP/Proj DE5	В			

## **RDT&E Code B Item**

The Joint Service Transportable Decontamination System, Small Scale (JSTDS-SS) will be transportable by a platform capable of being operated in close proximity to combat operations [i.e., High Mobility Multi-purpose Wheeled Vehicle/Trailer, Family of Medium Tactical Vehicles/Trailer] off-road over any terrain.

The JSTDS-SS will consist of an applicator and accessories that apply JSTDS-SS decontaminant to conduct operational and thorough decontamination of non-sensitive military material, limited facility decontamination at logistics bases, airfields (and critical airfield assets), naval ships, ports, key command and control centers, and other fixed facilities that have been exposed to CBRN warfare agents/contamination and toxic industrial materials (TIMs).

RDT&E FY06 and Prior - 10.3M; FY07 - 6.5M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
	20 77707	20 57405
MS B	2Q FY05	2Q FY05
MS C (LRIP)	3Q FY06	3Q FY06
DT II	1Q FY06	4Q FY06
Live Agent Testing	1Q FY07	4Q FY07
IOT&E	4Q FY07	1Q FY08
Full Rate Production	3Q FY08	Continuing

Exhibit P-5, Weapon WPN SYST Cost Analysis			Activity/Serial N SE-WIDE/3/CHE		(JD0056	Item Nomencla ) JS TRANS DE SCALE (JSTD)	ECON SYSTEM		Weapon Syster	n Type:	Date: Febru	ary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JSTDS SMALL SCALE (SS)  JSTDS-SS Hardware  Accessories (various components)	В			4492 998	183 258			500 500				26.500 11.060
<b>DECONTAMINANT</b> Decontaminant	В						493	17000	0.029	493	17000	0.029
OTHER COSTS  Total Package Fielding				1686			3002			3026		
TOTAL				7176			22275			22299		

	Exhibit P-5a, Budget	Procurement His	story and Planning					Date: F	ebruary 200	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENS	E-WIDE/3/CHEM-BIO DEFENSE	Weapon System Typ	e:			tem Nomeno JS TRANS		TEM - SMAL	L SCALE (	JSTDS-SS
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
JSTDS-SS Hardware										
FY 07	Engineered Air Systems Inc., St Louis, MO	C/FFP/Opt 1	RDECOM, Natick, Mass	Feb-07	Jun-07	183	24546	Yes		Aug-04
FY 08	Engineered Air Systems Inc., St Louis, MO	C/FFP/Opt 2	RDECOM, Natick, Mass	Jun-08	Sep-08	500	26500	Yes		Aug-04
FY 09	Engineered Air Systems Inc., St Louis, MO	C/FFP/Opt 3	RDECOM, Natick, Mass	Dec-08	Mar-09	500	26500	Yes		Aug-04
Decontaminant										
FY 08	Unknown	C/FFP	RDECOM, Natick, Mass	Jun-08	Aug-08	17000	29	Yes		Aug-04
FY 09	Unknown	C/FFP Option	RDECOM, Natick, Mass	Feb-09	Apr-09	17000	29	Yes		Aug-04

	T 101 D41 D 1					P-1 Item	Nomenclat					~~	~~~~		~ · ·		~~.*		a	~~:				Date:			_		•			
	Exhibit P21, Produc	ction S	chedule				(JI	00056	) JS T	RAN	S DE					ALL S	SCAI	LE (JS	TDS-	-SS)								bruary	/ 2008	3		
											_	F	iscal `	Year									_	]	Fiscal							L
				S	PROC	ACCEP	BAL								Cal	lenda	r Yea	ar 07				_		_	_	Cale	ndar `	Year (	)8			A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	T E R
																										┡						
	S Hardware	1	FY 06	A	42		42	_			8	8	8	8	10	_	L	-				_	-		-	╄		-	_			
	S Hardware	1	FY 06	AF	5		5				1	1	1	1	1										╄	╄		┢				
	S Hardware	1	FY 06	MC	7		7				1	1	1	2	2							-			-	╄		-				
JSTDS-S	S Hardware	1	FY 06	N	4		4				1	1	1		1										$\vdash$	╫	+					
JSTDS-SS	S Hardware	1	FY 07	A	144		144					A				15	15	15	15	15	15	18	18	18		✝						
JSTDS-SS	S Hardware	1	FY 07	MC	19		19					Α				2	3	2	2	2	1	4	3									
JSTDS-SS	S Hardware	1	FY 07	N	20		20					A				2	2	3	3	3	3	3	1									
ICTDC CO	S Hardware	1	FY 08	A	400		400																			╀					3	207
	S Hardware	1	FY 08	MC	400		400																		$\vdash$	╆		A A		Н	3 1	397 39
	S Hardware	1	FY 08	N	60		60																_		+	╆		A			1	59
Decontar		2	FY 08	A	14600		14600																			╆		A		1622	•	11356
Decontan		2	FY 08	MC	2400		2400																			╈		A		100	100	2200
		<del>  </del>															Н									╈				100	100	2200
																	Г									Т						
																										Т						
																										Т						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P	Α	J U N	J U L	A U G	S E P	
MFR			DD	ODUCT	ION RATES											LEAD	TIME	38					ТОТА	J			IARKS					
1411 IX			TK	22001	ON MILD								I	Admin	istrativ		. 11.41		Prod	uction		1	.01/			KLIV						
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pr	ior 1 C	Oct	A	fter 1 (	Oct		After	1 Oct		A	fter 1	Oct								
1	Engineered Air Systems Inc., St Louis, MO		5		100	200	Е	Iı	nitial /	Reord	er		0/0			10 / 4			6	/ 5			16/9	9								
2	Unknown		100	3	80000	48000	Е	Iı	nitial /	Reord	er		0/0			8 / 4			3	/ 3			11/7	7	4							
$\vdash$																									┨							
																									1							
																									1							
																									4							
																									-							

						P-1 Item	Nomenclati																	Date:								
	Exhibit P21, Produc	ction S	chedule				(JE	00056	) JS T	RAN	S DE					ALL S	SCAL	LE (JS	TDS-	-SS)								bruary	/ 2008	3		
								_				Fi	scal `	Year									<u> </u>	I		Year						L
		.,	Y77 /	S	PROC	ACCEP	BAL									lenda	r Yea	ır 09								_		Year 1	10			Α
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	T E R
	S Hardware	1	FY 08	A	400	3	397	10	20	41	41	41	41	41	41	41	41	39				_	_	_		_	_	_				
	S Hardware	1	FY 08	MC	40	1	39	3	3	4	4	4	4	4	4	4	4	1								┡		_	_			
	S Hardware	1	FY 08	N	60	1	59	2		6	6	6	6	7	6	6	6	6										_				
Decontan		2	FY 08	A	14600	3244	11356	_	1622	1622	1622		1622	1624								_	_	_	_	_	_	_				
Decontan	inant	2	FY 08	MC	2400	200	2200	500	300	300	300	300	300	200										$\vdash$	$\vdash$	╀		$\vdash$				
ICTDC C	S Hardware	1	FY 09	A	400		400			A			33	33	33	33	34	34	34	34	22	33	33	33		⊢						
	S Hardware	1	FY 09	MC	400 40		400			A			33 4	33 4	33	33 4	34	34	34		33	33	33 4	33		-	+	_				
	S Hardware	1	FY 09	N	60		60			A			5	5	5	5	5	5	5	5	5	5	5	5								
Decontan		2	FY 09	A	15000		15000			Α		A	3	1500	1500			-		1500		1500	_									
Decontan		2	FY 09	J	2000		2000					A		1300	1300	500	500	500	500	1300	1300	1300	1300			$\vdash$						
Decoman	man	-	110)	3	2000		2000					А				500	500	500	500							┢						
																										Т			Г			
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	
MFR			DD	ODUCT	ION RATES											LEAD	TIME	25					ТОТА	ī		DEM	ARKS					
MIK			110	орест	IOIV RATTES								A	Admin			THAL	.5	Produ	uction		1	1017	L		KLIVI	, iicico					
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	or 1 C	Oct	A	fter 1 (	Oct		After	1 Oct		A	fter 1	Oct								
1	Engineered Air Systems Inc., St Louis, MO		5		100	200	Е	Iı	nitial / I	Reorde	er		0/0			10 / 4			6	/ 5			16/9	)								
2	Unknown		100	1	30000	48000	Е	Iı	nitial / l	Reorde	er		0/0			8/4			3	/3			11/7	7	1							
																									1							
																									4							
																							1									
																									1							
																									1							
																									1							

# Budget Line Item #92 JOINT BIO DEFENSE PROGRAM (MEDICAL)

THIS PAGE INTENTIONALLY LEFT BLANK

Exhibit P-40, Budg	et Item Justif	ication Shee	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	/CHEM-BIO DE	FENSE		P-1 Item Nome		)800) JOINT BIO	DEFENSE P	ROGRAM (M	IEDICAL)	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost	968.3	46.9	55.6	38.7	54.4	54.2	60.0	60.5	Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	968.3	46.9	55.6	38.7	54.4	54.2	60.0	60.5	Continuing	Continuing
Initial Spares										
Total Proc Cost	968.3	46.9	55.6	38.7	54.4	54.2	60.0	60.5	Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: The Joint Biological Defense Program (Medical) effort consists of the following: (1) the Critical Reagents Program (CRP); (2) the Joint Biological Agent Identification and Diagnostic System (JBAIDS); and (3) the DoD Biological Vaccines Procurement. CRP integrates and consolidates all Department of Defense (DoD) reagents/antibodies/DNA biological detection requirements. JBAIDS is a medical test equipment platform which: identifies Biological Warfare (BW) agents and pathogens (Increment 1); may be used as a diagnostic tool by medical professionals to treat patients; comprised of platform test equipment hardware (including computer and case); assay test kits specific to BW agents; and protocols for sample preparation and system operation. The vaccine acquisition components of the Joint Biological Defense Program are focused on a prime (systems) contract approach in which the prime contractor will manage biological defense medical products.

JUSTIFICATION: Continues support of the current national military strategy, specifically, a worldwide force projection capability that requires BW detection in order to protect the Force against potential threats. Operational forces, contingency, special operations/low intensity conflict, counter narcotics and other high-risk missions, have the immediate need to survive and sustain operations in a biological agent threat environment. Operating forces have a critical need for defense from worldwide proliferation of BW capabilities and medical treatment of BW related casualties. The Joint Biological Defense Program will provide a tiered strategy for detection and warning comprised of complementary detection/identification systems to provide theater protection against a large area and point attacks. The other biological defense mission requirement is to provide US Forces with enhanced survivability and force protection thru the introduction of Food and Drug Administration (FDA) approved vaccines to protect against current and emerging threats, which could be deployed against maneuver units, or stationary facilities in the theater of operations.

Exhibit P-5, Weapon WPN SYST Cost Analysis			Activity/Serial N SE-WIDE/3/CHE				ature: DEFENSE PRO	OGRAM	Weapon Syste	т Туре:	Date: Febru	uary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JOINT BIO AGENT IDENTIFICATION AND DIAGNOSTIC SYS (JBAIDS)				13082			4902			480		
DOD BIOLOGICAL VACCINE PROCUREMENT				30517			48298			38222		
CRITICAL REAGENTS PROGRAM (CRP)				3325			2413					
TOTAL				46924			55613			38702		

Exhibit P-40, Budg	et Item Justif	ication Shee	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	3/CHEM-BIO DE	FENSE		P-1 Item Nome (JM000		IO AGENT IDE	NTIFICATION	N AND DIAG	NOSTIC SYS (	JBAIDS)
Program Elements for Code B Items:		Code:	Other Relate	d Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	56	23	26							105
Gross Cost	39.6	13.1	4.9	0.5						58.1
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	39.6	13.1	4.9	0.5						58.1
Initial Spares										
Total Proc Cost	39.6	13.1	4.9	0.5						58.1
Flyaway U/C										
Wpn Sys Proc U/C										

**DESCRIPTION:** The Joint Biological Agent Identification and Diagnostic System (JBAIDS) program is the first effort by the Department of Defense (DoD) to develop and field a common medical test equipment and diagnostic platform among all the Military Services. JBAIDS (Increment 1) will identify both Biological Warfare (BW) agents and pathogens of operational concern, and will be used as a diagnostic tool by medical professionals to treat patients. A multi-increment configuration, evolutionary development and fielding approach is proposed. JBAIDS Increment 1 is comprised of platform test equipment hardware (includes computer and case), assay test kits specific to BW agents, and protocols for sample preparation and system operation. A modified commercial off-the-shelf (COTS) system is being procured to meet this requirement. The COTS system will be configured to support forward medical operations for force health protection.

**JUSTIFICATION:** In FY09, the JBAIDS program supports quality assurance efforts, Food and Drug Administration (FDA) current Good Manufacturing Practices (cGMP) engineering integration, and FDA clearance for diagnostics.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2008
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (JM0001) JOINT E	BIO AGENT IDENTIFICATION AND DIAGNOSTIC SYS (JBAIDS)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj MB4; 0604384BP/Proj MB5	В			

## **RDT&E Code B Item**

The Joint Biological Agent Identification and Diagnostic System (JBAIDS) program is the first effort by the Department of Defense (DoD) to develop and field a common medical test equipment platform among all the Military Services. JBAIDS (Increment 1) will identify both Biological Warfare (BW) agents and pathogens of operational concern, and will be used as a diagnostic tool by medical professionals to treat patients. A multi-increment configuration, evolutionary development and fielding approach is proposed. JBAIDS Increment 1 is comprised of platform test equipment hardware (includes computer and case), assay test kits specific to BW agents, and protocols for sample preparation and system operation. A modified commercial off-the-shelf (COTS) system is being procured to meet this requirement. The COTS system will be configured to support forward medical operations for force health protection.

RDT&E FY06 and Prior - 39.5M; FY07 - 5.6M; FY08 - 3.2M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
JBAIDS Inc 1 - DT, Limited User Testing & Follow-On Test and Evaluation of Qiagen Flow Kit and process controls	2Q FY06	4Q FY07
JBAIDS Inc 1 - Production Decision (Shipboard)	4Q FY07	4Q FY07
JBAIDS Inc 1 - Process control development.	1Q FY07	4Q FY07

Exhibit P-5, Weapon WPN SYST Cost Analysis		 _	Activity/Serial N ISE-WIDE/3/CHE		(JM0001	Item Nomencla ) JOINT BIO A FICATION AN	GENT	IC SYS	Weapon Syster	п Туре:	Date: Febru	uary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JBAIDS INCREMENT 1  JBAIDS INC 1 Assay (Reagent Kits) (FRP)  JBAIDS INC 1 DNA/RNA Extraction Kits (FRP)  JBAIDS INC 1 Hardware/Software (FRP)	A A A			809 185 1072	73568 30784 23	0.011 0.006 46.609	466 127 1215	42432 21216 26	0.006			
OTHER COSTS  Laboratory Support Equipment Initial Fielding and Training (includes consumables, assays and extraction kits)(Contractor) Initial Fielding and Training (includes travel for 172 trainees)(Government) Initial Fielding and Training (JBAIDS Training Facility)(includes instructors and consumables)  Technical Data Packages (TDPs), Drawings,				2250 1443 115 650								
Technical Manuals  FDA Submittal Activities  Includes Quality Assurance, FDA Current Good  Manufacturing Practices (cGMP), Clearance for Diagnostics 510(k) submittals (Contractor)  Includes Current Good Manufacturing Practices (cGMP), Clearance for Diagnostics 510(k)				4426 327			2110 350			297		
submittals, pre-clinical/clinical trials, and site support activities (Government)  Engineering, Integration, Assay Validation, and Program Management Support				1172			634			183		

Exhibit P-5, Weapon  WPN SYST Cost Analysis			Activity/Serial N SE-WIDE/3/CHE		(JM0001	Item Nomencla ) JOINT BIO A FICATION AN	AGENT	IC SYS	Weapon System	т Туре:	Date: Febru	ary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Assay Patent/Licensing Royalty/Performance Incentive Fees				372								
TOTAL				13082			4902			480		

	Exhibit P-5a, Budget P	rocurement His	tory and Planning					Date: F	ebruary 200	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHE	EM-BIO DEFENSE	Weapon System Type	::			tem Nomeno JOINT BIO	AGENT IDE	NTIFICATIO BAIDS)	N AND DIA	AGNOSTI
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Iss Date
JBAIDS INC 1 Assay (Reagent Kits) (FRP) FY 07	Idaho Technology, Inc., Salt Lake City, UT	C/FFP	US Army Missile and Space Command,	Apr-07	Sep-07	73568	11	Yes		
FY 08	Idaho Technology, Inc., Salt Lake City, UT	C/FFP - Option	Frederick, MD US Army Missile and Space Command, Frederick, MD	Apr-08	Jan-09	42432	11	Yes		
JBAIDS INC 1 DNA/RNA Extraction Kits (FRP) FY 07	Idaho Technology, Inc., Salt Lake City, UT	C/FFP	US Army Missile and Space Command, Frederick, MD	Apr-07	Sep-07	30784	6	Yes		

	Exhibit P-5a, Budget P		•					Date:	ebruary 200	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CF	IEM-BIO DEFENSE	Weapon System Type	:			tem Nomeno JOINT BIO	AGENT IDE	NTIFICATIO BAIDS)	N AND DIA	AGNOSTI
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
JBAIDS INC 1 DNA/RNA Extraction Kits (FRP) (cont)										
FY 08	Idaho Technology, Inc., Salt Lake City, UT	C/FFP - Option	US Army Missile and Space Command, Frederick, MD	Apr-08	Jan-09	21216	6	Yes		
JBAIDS INC 1 Hardware/Software (FRP) FY 07	Idaho Technology, Inc., Salt Lake City, UT	C/FFP	US Army Missile and Space Command, Frederick, MD	Apr-07	Sep-07	23	46609	Yes		
FY 08	Idaho Technology, Inc., Salt Lake City, UT	C/FFP - Option	US Army Missile and Space Command, Frederick, MD	Apr-08	Jan-09	26	46731	Yes		
DFMARKS.										
REMARKS:										

	E I II I DAG D. I						Nomenclati															~.		Date:			-		• • • •			
	Exhibit P21, Product	ion S	chedule				(JM0001) J	OINT	BIO	AGE	NT II					ND DI	AGN	OST	IC SY	(S (JE	BAID	S)						oruary	2008			
												F	iscal `	Year										F		Year						L
				S	PROC	ACCEP	BAL								Cal	lenda	r Yea	ar 07								Caler	dar Y	ear 0	8			A
		M F	FY	E R	QTY Each	PRIOR TO	DUE AS OF	O C	N O	D	J	F	M	A	M	J	J U	A U	S E	O C	N O	D	J	F E	M	A P	M	J	J	A U	S	T
	COST ELEMENTS	R		V	Lacii	1 OCT	1 OCT	T	V	E C	A N	E B	A R	P R	A Y	U N	L	G	P P	T	V	E C	A N	B	A R	R	A Y	U N	U L	G	E P	E R
	NC 1 Assay (Reagent Kits) (FRP)	5	FY 05	A	28800		28800		12800		_											_		_		_						
	NC 1 Assay (Reagent Kits) (FRP)	5	FY 05	AF	76800	72000	4800	4800																		┡						
	NC 1 DNA/RNA Extraction Kits (FRP)	6	FY 05	A	14400		14400													8000	6400					-						
	NC 1 DNA/RNA Extraction Kits (FRP)	6	FY 05	AF	38400	36000	2400	2400			_										-	-		-		-						
	NC 1 Hardware/Software (FRP)	4	FY 05	A	18		18	10	8		_									_		_		-		-						
JBAIDS I	NC 1 Hardware/Software (FRP)	4	FY 05	AF	48	45	3	3									_									⊢						
TD . TD 0 T		_	****		400000												_					-		-		┢						
	NC 1 Assay (Reagent Kits) (FRP)	5	FY 06	A	108800		108800				$\vdash$		40000	40000	28800		$\vdash$	$\vdash$					$\vdash$			⊢						
	NC 1 Assay (Reagent Kits) (FRP)	5	FY 06	J	3200		3200								3200																	
	NC 1 Assay (Reagent Kits) (FRP)	5 5	FY 06	MC N	17600		17600										9600	8000	0.500			$\vdash$				$\vdash$						
	NC 1 Assay (Reagent Kits) (FRP)		FY 06	_	9600		9600				$\vdash$		20000	20000	14400				9600			$\vdash$		$\vdash$		┢						
	NC 1 DNA/RNA Extraction Kits (FRP)	6	FY 06	A J	54400		54400						20000	20000	1600							$\vdash$		$\vdash$		$\vdash$						
	NC 1 DNA/RNA Extraction Kits (FRP)	6 6	FY 06 FY 06	MC	1600 8800		1600 8800				_				1000		4900	4000					$\vdash$	-		-						
	NC 1 DNA/RNA Extraction Kits (FRP) NC 1 DNA/RNA Extraction Kits (FRP)	6	FY 06	MC N	4800		4800				$\vdash$						4800	4000	4800					-		-						
	NC 1 Hardware/Software (FRP)	4	FY 06	A	4800 68		4800 68						25	25	10				4800													
	NC 1 Hardware/Software (FRP)	4	FY 06	A J	2		2						25	25	18 2																	
	NC 1 Hardware/Software (FRP)	4	FY 06	MC	11		11								2		6	5								$\vdash$						
	NC 1 Hardware/Software (FRP)	4	FY 06	N	6		6										0	6														
JUAIUS I	NC 1 Hardward Software (FRI )	4	11 00	11	Ü		0											0								Н						
								0	N	D	J	F	M	A	M	J	J	A	S	О	N	D	J	F	М	A	М	J	J	Α	S	
								C	О	Е	Α	E	A	P	Α	U	U	U	E	C	О	Е	Α	E	A	P	Α	U	U	U	Е	
								T	V	С	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	
MFR			PR	ODUCT	ION RATES										I	LEAD	TIME	ES					ТОТА	L		REM.	ARKS					
													A	Admin	istrativ	/e			Prod	uction												
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pr	ior 1 C	Oct	At	fter 1 C	Oct		Afte	r 1 Oct		Α	fter 1	Oct								
1	Idaho Technology, Inc., Salt Lake City, UT		5		25	50	Е	Iı	nitial /	Reord	er		0/0			5/3			11	1/5			16 / 8	3	1							
2	Idaho Technology, Inc., Salt Lake City, UT		9600	4	10000	80000	Е	Iı	nitial /	Reord	er		0/0			16/4			3	/ 3			19 / 7	7								
3	Idaho Technology, Inc., Salt Lake City, UT		4800	2	20000	40000	Е	Iı	nitial /	Reord	er		0/0			16/4			3	/ 3			19 / 7	7								
4	Idaho Technology, Inc., Salt Lake City, UT		5		25	50	Е	Iı	nitial /	Reord	er		0/0			6/6			6.	/ 10			12 / 1	6								
5	Idaho Technology, Inc., Salt Lake City, UT		3200	4	10000	80000	Е	Iı	nitial /	Reord	er		0/0			6/6			6.	/ 10			12 / 1	6								
6	Idaho Technology, Inc., Salt Lake City, UT		1600	2	20000	40000	Е	Iı	nitial /	Reord	er		0/0			6/6			6.	/ 10			12 / 1	6	1							
																		_							1							
																									1							

	E 1914 PA4 P. 1						Nomenclati		, DIO	. CE			TEVO	· my o		D.		o arm	G 61	7G (TD		~.		Date:					2000			
	Exhibit P21, Product	ion S	chedule				(JM0001) J	OINT	BIO	AGE	NT IL					ID DI	AGN	OSTI	CSY	S (JB	AIDS	S)				***		bruary	2008	3		
												Fi	scal Y	Year			<b>X</b> 7	0.7					1	1		Year		7 0	0			L
		M	FY	S E	PROC QTY	ACCEP PRIOR	BAL DUE	0	2.7	ъ.	,	-	.,			endaı			a	0	.,	ъ	·	-		1		Year (	ð	. 1		A
	COST ELEMENTS	F	1.1	R	Each	TO	AS OF	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	T E
	COST ELEMENTS	R		V		1 OCT	1 OCT	T	V	С	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
JBAIDS I	NC 1 Assay (Reagent Kits) (FRP)	5	FY 07	J	73568		73568							Α					16000	16000	16000	16000	9568									
JBAIDS I	NC 1 DNA/RNA Extraction Kits (FRP)	6	FY 07	J	30784		30784							A					8000	8000	8000	6784	L			_						
JBAIDS I	NC 1 Hardware/Software (FRP)	4	FY 07	A	23		23							A					2	2	2	2	2	2	2	2	2	2	2	1		
																										_						
	NC 1 Assay (Reagent Kits) (FRP)	5	FY 08	N	42432		42432																L	╄	_	Α	L	-				42432
	NC 1 DNA/RNA Extraction Kits (FRP)	6	FY 08	N	21216		21216																┢	╀	$\vdash$	A	$\vdash$	-				21216
JBAIDS I	NC 1 Hardware/Software (FRP)	4	FY 08	N	26		26																Н			A		-				26
																							Н	+		╫		-				
										$\vdash$													╆		$\vdash$	$\vdash$	$\vdash$					
																										$\vdash$						
																							H			$\vdash$		$\vdash$		Н		
																										_		_		Ш		
																														$\square$		
																										-						
																							Н									
								0	N	D	J	F	M	A	M	J	J	Α	S	О	N	D	J	F	M	A	M	J	J	Α	S	
								C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
								•	, ,	Ü	٠,	2			•	-11	-	Ü	•	•	,	ŭ	.,	В		"	•	.,	-	Ü	•	
MFR			PR	ODUCT	ION RATES											LEAD	TIME						TOTA	<b>L</b>		REM	ARKS					
			, m,				*****								strativ					uction												
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM	-	2.2.1.7	D 1			ior 1 O	oct		fter 1 C	Oct			1 Oct		А	fter 1		1							
2	Idaho Technology, Inc., Salt Lake City, UT Idaho Technology, Inc., Salt Lake City, UT		5 9600		25 10000	50 80000	E E		nitial / i				0/0			5/3 16/4				/ 5			16 / 8 19 / 7		1							
3	Idaho Technology, Inc., Salt Lake City, UT		4800		20000	40000	E		nitial /				0/0			16 / 4				/3			19 /		1							
4	Idaho Technology, Inc., Salt Lake City, UT		5	ŕ	25	50	E		nitial /				0/0			6/6				/ 10			12 / 1		1							
5	Idaho Technology, Inc., Salt Lake City, UT		3200	4	10000	80000	E		nitial /				0/0			6/6				/ 10			12 / 1		1							
6	Idaho Technology, Inc., Salt Lake City, UT		1600		20000	40000	Е	_	nitial /				0/0			6/6				/ 10			12 / 1		1							
																									_							

	E-1:1:4 D21 D l	C	-1 J1.				Nomenclat		DIO	ACE	NET II	SENIT	TEIC	ATIO	NI AN	ID DI	(ACN	OCT	C CV	c (ID	AID	37		Date:			E-		- 2006			
	Exhibit P21, Product	ion S	cneauie				(JM0001) J	OINT	ВЮ	AGE	NI II			Year		וט טו	AGN	1051	CSI	2 (1B	AID	5)		I	iscal	Year		oruary	/ 2008	5		
				S	PROC	ACCEP	BAL								Cal	enda	r Yea	ır 09								Cale	ıdar Y	ear 1	.0			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	0	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P	M A Y	J U N	J U L	A U G	S E P	T E R
ID A IDC I	NC 1 Assay (Reagent Kits) (FRP)	5	FY 08	N	42432		42432				3536	3536	2526	2526	3536	3536	2526	3536	2526	2524	3536	3536				┢						
	NC 1 DNA/RNA Extraction Kits (FRP)	6	FY 08	N	21216		21216				1768	-	1768		1768	-	_	1768	_	_	_	1768	_			╈						
	NC 1 Hardware/Software (FRP)	4	FY 08	N	26		26				3	2	3	2	3	2	3	2	3	2	1	1708										
																									-	-						
																										$\vdash$						
																							┢	_	_	╄	_					
																								$\vdash$		┢						
																							$\vdash$	-	$\vdash$	+						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES										I	LEAD	TIME	S			•		TOTA	L		REM	ARKS					
													A	Admini	istrativ	e			Produ	uction		]										
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM						ior 1 C	Oct	Ai	fter 1 C	Oct			1 Oct		A	After 1		4							
1 2	Idaho Technology, Inc., Salt Lake City, UT Idaho Technology, Inc., Salt Lake City, UT		5 9600		25 10000	50 80000	E E			Reord Reord		_	0/0			5/3 16/4				/ 5 / 3			16 / 3 19 / 3		-							
3	Idaho Technology, Inc., Salt Lake City, UT		4800	_	20000	40000	E E			Reord			0/0			16/4				/ 3			19 /		1							
4	Idaho Technology, Inc., Salt Lake City, UT		5		25	50	E			Reord			0/0			6/6				10			12 / 1		1							
5	Idaho Technology, Inc., Salt Lake City, UT		3200	4	10000	80000	Е	Iı	nitial /	Reord	er		0/0			6/6			6/	10			12 / 1	6								
6	Idaho Technology, Inc., Salt Lake City, UT		1600	2	20000	40000	Е	Iı	nitial /	Reord	er		0/0			6/6			6 /	10			12 / 1	6	1							
																									$\mathbf{H}$							
																									1							

Exhibit P-40, Budg	et Item Justif	ication Shee	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	3/CHEM-BIO DE	FENSE		P-1 Item Nome		005) DOD BIOLO	OGICAL VAC	CINE PROCU	JREMENT	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost	489.1	30.5	48.3	38.2	54.4	54.2	60.0	60.5	Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	489.1	30.5	48.3	38.2	54.4	54.2	60.0	60.5	Continuing	Continuing
Initial Spares										
Total Proc Cost	489.1	30.5	48.3	38.2	54.4	54.2	60.0	60.5	Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

**DESCRIPTION:** The biological vaccine procurement program is critical for national defense. These products directly support the Secretary of Defense program for the immunization of U.S. forces against biological warfare (BW) agents. Items to be procured are the FDA licensed Anthrax Vaccine Adsorbed (AVA), smallpox vaccine and Vaccinia Immune Globulin Intravenous (VIGIV). Funding supports vaccine and licensed biologic production, quality assurance and control, process, equipment validation, process change management, documentation control and all FDA license maintenance and post-approval commitments.

The Joint Chemical Biological Defense program uses the prime systems contract (PSC) approach for the Joint Vaccine Acquisition Program (JVAP) in which the prime contractor manages biological medical defense products to include: full-scale licensed vaccine production, stockpiling, testing and distribution. Products to be procured and stockpiled in the future under the JVAP PSC include Recombinant Botulinum and Plague.

**JUSTIFICATION:** FY09 funding procures FDA licensed doses of AVA and smallpox vaccine to support the Secretary of Defense's immunization program. Funding also supports quality assurance efforts for the Investigational New Drug (IND) vaccines to ensure their availability for contingency use.

Exhibit P-40C, Budget Item Justific	ation Sheet	;		Date: February 2008
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		(JX00	005) DOD BIOLOGICAL VACCINE PROCUREMENT
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj MB4; 0604384BP/Proj MB5	В			

## **RDT&E Code B Item**

PLG Milestone B

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES

The biological vaccine procurement program is critical for national defense. These products directly support the Secretary of Defense program for the immunization of U.S. forces against biological warfare (BW) agents. Items to be procured are the FDA licensed Anthrax Vaccine Adsorbed (AVA), smallpox vaccine and Vaccinia Immune Globulin Intravenous (VIGIV). Funding supports vaccine and licensed biologic production, quality assurance and control, process, equipment validation, process change management, documentation control and all FDA license maintenance and post-approval commitments.

The Joint Chemical Biological Defense program uses the prime systems contract (PSC) approach for the Joint Vaccine Acquisition Program (JVAP) in which the prime contractor manages biological medical defense products to include: full-scale licensed vaccine production, stockpiling, testing and distribution. Products to be procured and stockpiled in the future under the JVAP PSC include Recombinant Botulinum and Plague.

RDT&E FY06 and Prior - 30.1M; FY07 - 45.4M; FY08 - 57.7M; FY09 - 82.1M; FY10 - 52.5M; FY11 - 38.1M; FY12 - 17.1M; FY13 - 12.6M

BOT Milestone B 3Q FY08

**COMPLETE** 

3Q FY06

**START** 

30 FY06

Exhibit P-5, Weapon WPN SYST Cost Analysis			activity/Serial N SE-WIDE/3/CHE		(JX0005	Item Nomencla ) DOD BIOLOG REMENT			Weapon System	п Туре:	Date: Febru	aary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
ANTHRAX  Anthrax Vaccine Doses  Anthrax Vaccine - Testing, Labeling, Shipping and Security	A			21507 3000	896125	0.024	38767 2581	1615292	0.024	28531 3000	1188792	0.024
SMALLPOX Smallpox Vaccine	A						3190	613400	0.005	3100	613400	0.005
VACCINIA IMMUNE GLOBULIN (VIG) Vaccinia Immune Globulin (VIG) - 3,600 Vial	A			5040	3600	1.400						
OTHER COSTS  Other Bio Defense Medical Product Storage and Testing				970			3760			3591		
TOTAL				30517			48298			38222		

Exhibit P-5a, Budget	Procurement Hi	story and Planning					Date: I	ebruary 200	08
-WIDE/3/CHEM-BIO DEFENSE	Weapon System Typ	e:					L VACCINE I	PROCUREM	MENT
Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue
CDC/Strategic National Stockpile (SNS)	MIPR	Atlanta, GA	Mar-08	Jun-08	896125	24	Yes		
CDC/Strategic National Stockpile (SNS)	MIPR	Atlanta, GA	Mar-08	Oct-08	1615292	24	Yes		
CDC/Strategic National Stockpile (SNS)	MIPR	Atlanta, GA	Mar-09	Aug-09	1188792	24	Yes		
CDC/Strategic National Stockpile (SNS)	MIPR	Atlanta, GA	Jan-08	Mar-08	613400	5	Yes		
CDC/Strategic National Stockpile (SNS)	MIPR	Atlanta, GA	Jan-09	Mar-09	613400	5	Yes		
00 Vial									
Cangene Corporation, Winnipeg, Canada	SS/CPFF	USASMDC, Fort Detrick, MD	Mar-08	Aug-08	3600	1400	Yes		
	CDC/Strategic National Stockpile (SNS) CDC/Strategic National Stockpile (SNS) CDC/Strategic National Stockpile (SNS) CDC/Strategic National Stockpile (SNS)  CDC/Strategic National Stockpile (SNS)  CDC/Strategic National Stockpile (SNS)  CDC/Strategic National Stockpile (SNS)  CDC/Strategic National Stockpile (SNS)  CDC/Strategic National Stockpile (SNS)  CDC/Strategic National Stockpile (SNS)	WIDE/3/CHEM-BIO DEFENSE  Contractor and Location  Contract Method and Type  CDC/Strategic National Stockpile (SNS) CDC/Strategic National Stockpile (SNS) CDC/Strategic National Stockpile (SNS)  CDC/Strategic National MIPR  Stockpile (SNS)  CDC/Strategic National Stockpile (SNS)	CDC/Strategic National Stockpile (SNS) CDC/Strategic National MIPR Atlanta, GA Stockpile (SNS)  CDC/Strategic National MIPR Atlanta, GA Stockpile (SNS) CDC/Strategic National MIPR Atlanta, GA Stockpile (SNS) CDC/Strategic National MIPR Atlanta, GA Stockpile (SNS) CDC/Strategic National MIPR Atlanta, GA Stockpile (SNS) CDC/Strategic National MIPR Atlanta, GA Stockpile (SNS) CDC/Strategic National MIPR Atlanta, GA Stockpile (SNS) CDC/Strategic National MIPR Atlanta, GA Stockpile (SNS)	Wide apon System Type:    Contractor and Location	Wide and Type    Contractor and Location    Contract	Weapon System Type:  Contract Contract Method and Type  CDC/Strategic National Stockpile (SNS)  CDC/Strategic National Stockpile (SNS)  CDC/Strategic National MIPR Atlanta, GA  CDC/Strategic National MIPR Atlanta, GA  Mar-08 Jun-08 896125  Atlanta, GA  Mar-08 Oct-08 1615292  Atlanta, GA  Mar-09 Aug-09 1188792  Stockpile (SNS)  CDC/Strategic National MIPR Atlanta, GA  CDC/Strategic National MIPR Atlanta, GA  CDC/Strategic National MIPR Atlanta, GA  Atlanta, GA  Mar-09 Aug-09 1188792  Atlanta, GA  Stockpile (SNS)  CDC/Strategic National MIPR Atlanta, GA  Stockpile (SNS)  Aug-08 3600	WIDE/3/CHEM-BIO DEFENSE    Contractor and Location   Contract Method and Type   Location of PCO   Award Date 1st QTY Unit Cost Delivery Each   S	Note	Note

	E 102 P44 P 1					P-1 Item	Nomenclati		.0005	DOD	, DIO			XX 4 6	aco n	E DD	0.011	DEL C						Date	:		-		200	0		
	Exhibit P21, Produc	tion S	chedule					(JX	(0005)	DOL	вю					E PRO	JCUI	REME	ENT						T	<b>. .</b>		ebruar	y 200	8		
								H				Fi	scal Y	Year (			<b>X</b> 7	05							Fisca			<b>X</b> 7	00			L
	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	r Yea J U L	A U	S E P	O C T	N O V	D E C	J A N	F E B	M A	A P	M A	U	J U		S E P	A T E R
Smallpox		2	FY 06	J	150000		150000												Α		150000	-		╄	+	╄	+	+	╄	-		
Vaccinia	Immune Globulin (VIG) - 48 Vial	1	FY 06	J	48		48							Α								⊢	48	╀	+	╀	+	+	╀			
Anthrax V	Vaccine Doses	2	FY 07	J	896125		896125															$\vdash$	$\vdash$	$\vdash$	A	╆	+	20000	167000	167000	167000	95125
	Immune Globulin (VIG) - 3,600 Vial	1	FY 07	J	3600		3600																		A	t		30000	167000	3600	167000	93123
																										$\perp$						
	accine Doses	2	FY 08	J	1615292		1615292															_	_	╄	A	╀	_	_	╄		_	1615292
Smallpox	Vaccine	2	FY 08	J	613400		613400															┢	A		61340	0	_	+	╀			
																										+		+	+			
																						L	┡	╄	╄	╄	_	╄	╄			
																						-	-	╀	+	╇	+	+	╄			
																									+	+		+	-			
																						$\vdash$	┢	╆	+	╆	+	+	╆			
																								$\vdash$	+	+		+	+			
																										$\top$						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	Α	P	Α		J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES										I	LEAD	TIME	S					ТОТА	L		REN	1ARK	S				
														Admini						uction		4										
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM	_	1.0 1 0				ior 1 C	Oct		fter 1 C				1 Oct		_	fter 1		4							
2	Cangene Corporation, Winnipeg, Canada CDC/Strategic National Stockpile (SNS)		1 100		700 1000	5000000 2000000	E E	_	nitial / l nitial / l				0/0			10 / 27 12 / 24				/ 6		-	28 / 3 35 / 2		┨							
	es es suaregie ranonal stockpile (5145)		100		1000	2000000	E.	-"	/ I	corde	-1		0,0			.2124			23	. , 2		$\vdash$	JJ 1 Z		1							
																									4							
																						$\vdash$			4							
																						$\vdash$			+							
																						$\vdash$			1							

	E 1914 D21 D 1	··				P-1 Item	Nomenclatu		0005)	DOE	, DIO	1.00	IGAI	XIA C	CDI	E DD	ogru	DEM	- NE					Date:			Б		200			
	Exhibit P21, Product	tion S	cneaule					(JX	0005)	DOL	BIO		scal Y			E PRO	ocui	KEMI	SIN I					ī	Sicoal	Year		bruary	/ 2008	3		
				~								FI	scar	i ear		lenda	r Ves	r 09						- 1				Year 1	10			L
	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U	S E P	O C T	N O V	D E C	J A N	F E B	М	A P	M A Y	J	J U	A U G	S E P	A T E R
Anthrov V	Vaccine Doses	2	FY 07	J	896125	801000	95125	95125									H									╀		$\vdash$	H			
Anunax	accine boses	2	1.1.07	,	890123	801000	93123																			$\vdash$						
Anthrax V	Vaccine Doses	2	FY 08	J	1615292		1615292	71875	167000	167000	167000	167000	167000	167000	167000	167000	167000	40417								F						
Anthrax V	Vaccine Doses	2	FY 09	J	1188792		1188792						A					126583	167000	167000	167000	167000	167000	167000	60209	$\vdash$						
Smallpox	Vaccine	2	FY 09	J	613400		613400				A		613400																			
																								_		╙		_				
		-															_							_		┢		-				
																										$\vdash$		$\vdash$				
																								$\vdash$	$\vdash$	$\vdash$		$\vdash$				
																								L	L	╄						
																										$\vdash$						
																										$\vdash$		$\vdash$				
																										$\vdash$						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES										I	LEAD	TIME	ES					ТОТА	L		REM	ARKS					
														Admini						uction												
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM	_					ior 1 C	Oct		fter 1 (				1 Oct		_	fter 1		-							
2	Cangene Corporation, Winnipeg, Canada CDC/Strategic National Stockpile (SNS)		1 100		700 1000	5000000 2000000	E E		nitial / l nitial / l				0/0			10 / 27 12 / 24				3 / 6 3 / 2		_	28 / 3 35 / 2		1							
2	CDC/Ditategic (vational Stockplic (SNS)		100		1000	2000000	15	-11	nudi / l	COID	-1		0 / 0			14/4			43	. / 4			JJ / Z	J	1							
																									1							
													1																			
												1																				
											$\dashv$														1							

Exhibit P-40, Budg	et Item Justif	ication Shee	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	3/CHEM-BIO DE	FENSE		P-1 Item Nome		K0210) CRITIC <i>A</i>	AL REAGENT	S PROGRAM	(CRP)	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost	22.3	3.3	2.4							28.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	22.3	3.3	2.4							28.0
Initial Spares										
Total Proc Cost	22.3	3.3	2.4							28.0
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: In order to detect anthrax spores (antigen), a critical reagent (antibody) may be needed for use in a detection Joint Biological Agent and Identification System (JBAIDS) platform. Multiple medical and non-medical platforms require a continuous, quality supply of critical reagents for effective warning to significantly enhance force survivability. They are also required for rapid medical diagnosis to ensure appropriate treatment of exposed personnel. A common set of reagents for all platforms are required. The Critical Reagents Program (CRP) will ensure the standardization, quality and availability of reagents that are critical to the successful development, test, and operation of BW detection systems and medical biological products. The CRP integrates and consolidates all Department of Defense (DoD) reagents/antibodies detection requirements from System Development and Demonstration (SDD) through production. The CRP will ensure the availability of high quality reagents and Handheld Immunochromatographic Assays (HHA) throughout the life cycle of all systems managed to include: Biological Integrated Detection System (BIDS), Interim Biological Agent Detection System (IBADS), Joint Biological Point Detection System (JBPDS), JBAIDS, and the Joint Portal Shield (JPS). The CRP also supports the Navy Forward Deployed Lab, the Area Medical Lab (AML), the Army 20th Support Command (Chemical, Biological, Nuclear and High Yield Explosives [CBRNE]), the Marine Corps Chemical-Biological Incident Response Force (CBIRF), other counter-terrorist and special reconnaissance teams, and foreign countries. The CRP is responsible for managing the production, storage and validation of HHAs, polymerase chain reaction (PCR) genomic assays, electrochemiluminescence (ECL) immunoassays, antibodies, and select biological threat agent and genomic reference materials.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2008
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		(J.	X0210) CRITICAL REAGENTS PROGRAM (CRP)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0604384BP/Proj BJ5 and Proj MB5	В			

# RDT&E Code B Item

Multiple medical and non-medical platforms require a continuous, quality supply of critical reagents for effective warning to significantly enhance force survivability. They are also required for rapid medical diagnosis to ensure appropriate treatment of exposed personnel. A common set of reagents for all platforms are required. The Critical Reagents Program (CRP) will ensure the standardization, quality and availability of reagents that are critical to the successful development, test, and operation of BW detection systems and medical biological products. The CRP integrates and consolidates all Department of Defense (DoD) reagents/antibodies detection requirements from System Development and Demonstration (SDD) through production. The CRP will ensure the availability of high quality reagents and Handheld Immunochromatographic Assays (HHA) throughout the life cycle of all systems managed to include: Joint Biological Point Detection System (JBPDS) and Joint Biological Agent and Identification System (JBAIDS). The CRP also supports the Navy Forward Deployed Lab, the Area Medical Lab (AML), the Army Technical Escort Unit (TEU), the Marine Corps Chemical-Biological Incident Response Force (CBIRF), other counter-terrorist and special reconnaissance teams, and foreign countries. The CRP is responsible for managing the production, storage and validation of HHAs, polymerase chain reaction (PCR) genomic assays, electrochemiluminescence (ECL) immunoassays, antibodies, and select biological threat agent and genomic reference materials.

RDT&E FY06 and Prior - 30.7M; FY07 - 3.7M; FY08 - 10.0M; FY09 - 7.5M; FY10 - 4.5M; FY11 - 4.9M; FY12 - 5.4M; FY13 - 6.4M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
CRP - Expand Select Biological Threat Agent Reference Materials	4Q FY03	2Q FY13
CRP - Development of ECL Immunoassays & PCR Genomic Assays	1Q FY03	2Q FY13
CRP - Development and Implementation of Quality Initiatives, Validation Program, and Systems Engineering	4Q FY06	2Q FY13
CRP - Implementation of ISO Guidelines into Select Biological Threat Agent Reference Materials	3Q FY07	3Q FY10

Exhibit P-5, Weapon WPN SYST Cost Analysis			Activity/Serial N			Item Nomencla ) CRITICAL RI		OGRAM	Weapon Syster	п Туре:	Date: Febru	uary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
ELECTROCHEMILUMINESCENCE (ECL) ASSAYS ECL Assays (Plate of 96 MINITubes)	A			500	1040	0.481						
SELECT BIOLOGICAL THREAT AGENT REFERENCE MATERIALS Select Biological Threat Agent Reference Material (Grams)	A			151	5	30.200	284	9	31.556			
OTHER COSTS  Repository Costs  Quality Assurance/Quality Control Support  Technical Program Support/Conformance Test  Laboratory				1803 150 721			1554 150 425					
TOTAL				3325			2413					

	Exhibit P-5a, Budget	Procurement Hi	story and Planning					Date:	February 200	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Ty	ee:			tem Nomeno JX0210) CF		GENTS PRO	GRAM (CR	tP)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
ECL Assays (Plate of 96 MINITubes) FY 07	BioVeris Corporation, Gaithersburg, MD	C/FFP	USASMDC, Frederick,	Jun-07	Aug-07	1040	481	Yes		
Select Biological Threat Agent Reference Material (Grams)										
FY 07	Dugway Proving Ground (DPG), Dugway, UT	MIPR	DPG, Dugway, UT	Dec-06	Apr-07	5	30000	Yes		
FY 08	Dugway Proving Ground (DPG), Dugway, UT	MIPR	DPG, Dugway, UT	Dec-07	Apr-08	9	31556	Yes		

REMARKS: ECL Assays - FY07 BioVeris order issued using Procurement funding to ensure minimum quantity order value was met at time of contract extension. All other orders issued using funding from other Government agencies. This may include antibodies, select biological threat agent reference and biological genomic reference materials.

	E 1914 DA4 D 1 4					P-1 Item	Nomenclati		(XXX02	10) 6	an erre	a.v	DEA	oe. r	EG DE	. o o n		(CDD						Date:					2000			
	Exhibit P21, Product	ion S	chedule						(JX02	(10) C	RIII		REA			ROGR	KAM	(CRP	)					ī	Sicoal	Year		bruary	2008	3		
				c	DDOC	ACCED	BAL						iscai	ı cai		lenda	r Yea	ar 07										Zear 0	8			L
	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U	S E P	O C T	N O V	D E C	J A N	F E B	M A	A P R	M A Y	J U	J U	A U G	S E P	A T E R
ECL Asse	ys (Plate of 96 MINITubes)	4	FY 07	J	1040		1040										H	87	07	87	07	07	87	87	07	0.5	0.5	86	86			
	lys (Flate of 96 MHV11 tibes)  logical Threat Agent Reference Material (G		FY 07	J	5		5			A				1	1	A 1	1	8/	8/	87	87	87	87	87	87	86	86	86	86			
Beleet Bio	rogical fineat rigent reference material (c		1107	J	J		J			Α				-	1	1	·	,					Н			Н						
Select Bio	ological Threat Agent Reference Material (C	1	FY 08	J	9		9															A				2	2	2	1	2		
																										_						
																							Н	$\vdash$		⊢						
																								$\vdash$		Н						
														_												-						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES			Г								LEAD	TIME	ES					TOTA	L		REM	ARKS					
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Dr	ior 1 C		istrativ	re fter 1 (	Oct			uction 1 Oct		_	fter 1	Oct								
1	Dugway Proving Ground (DPG), Dugway, UT		1		2	4	E	Iı	nitial / l	Reorde	er		0/0	,ct	А	3/2				/ 5		А	8/7		1							
2	Armed Forces Institute of Pathology (AFIP), Was	hington,	DC 1		1	2	Е		nitial / l				0/0			3/2				/ 3			6/5		1							
3	OEM Concepts, Cherry Hill, NJ		4		16	35	Е		nitial / l				0/0			3/2				/ 5			8 / 7									
4	BioVeris Corporation, Gaithersburg, MD		50		95	100	Е	Iı	nitial / l	Reorde	er		0/0			8 / 1			3	/ 3			11 / 4	1	}							
																									-							
																									1							

# Budget Line Item #93 COLLECTIVE PROTECTION

THIS PAGE INTENTIONALLY LEFT BLANK

Exhibit P-40, Budg	et Item Justif	ication Shee	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	3/CHEM-BIO DE	FENSE		P-1 Item Nome	enclature	(PA1600) CO	OLLECTIVE I	PROTECTION	1	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost	364.1	43.3	39.6	37.8	41.7	44.0	46.4	46.4	Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	364.1	43.3	39.6	37.8	41.7	44.0	46.4	46.4	Continuing	Continuing
Initial Spares										
Total Proc Cost	364.1	43.3	39.6	37.8	41.7	44.0	46.4	46.4	Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: The objective of the Chemical and Biological (CB) Collective Protection program is to provide CB Collective Protection systems. The CB Collective Protection systems will be smaller, lighter, less costly, and more easily supported logistically at the crew, unit, ship, and aircraft level. Collective protection platforms include shelters, vehicles, ships, aircraft, buildings, and hospitals. The Collective Protected Field Hospitals (CPFH) provides Joint Service medical personnel CBRN collective protection to their medical treatment facilities. The Army's Collectively Protected Deployable Medical System (CP DEPMEDS); the Air Force's Collectively Protected Expeditionary Medical Support (CP EMEDS); and the Navy's Chemically Hardened Expeditionary Medical Facility (CH EMF) converts the service's field hospitals into a fully operational, environmentally controlled, and collectively protected medical treatment facility. The requirement is to sustain medical operations in a CB contaminated environment for 72 hours. The Collective Protection System (CPS) Backfit Program installs CPS in mission critical medical and command and control spaces on two Navy amphibious ship classes: Landing Helicopter Assault (LHA), Landing Helicopter Dock (LHD) and Landing Ship Dock (LSD). The Chemical Biological Protective Shelter (CBPS) provides a contamination free, environmentally controlled working area for medical, combat service, and combat service support personnel to obtain relief from the continuous need to wear CB protective clothing for greater than 72 hours of operation.

**JUSTIFICATION:** Operational forces across the continuum of global, contingency, special operations/low intensity conflict, counternarcotics, and other high-risk missions have immediate needs to safely operate, survive and sustain operations in a nuclear, biological and chemical (NBC) agent threat environment. Operating forces have a critical need for defense against worldwide proliferation of NBC warfare capabilities and for medical treatment facilities.

	Exhibit P-40M, Budş	get Item Just	ification She	eet		Da	nte:	F	ebruary 2008		
Appropriation/Budget PROCURE	Activity/Serial No: MENT DEFENSE-WIDE/3/CHEM-BIO	DEFENSE			P-1 Item Nome	enclature	(PA1600) C0	OLLECTIVE I	PROTECTION		
Program Elements for			Code:	Other Relate	d Program Elem	nents:					
Description		Fiscal Years	3								
OSIP NO.	Classification	PRIOR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
(JN0014) Collective P	Protection System Amphibious Backfit										
		204.0	9.3	10.6	5.1	0.0	0.0	0.0	0.0	0.0	229.0
Totals		204.0	9.3	10.6	5.1	0.0	0.0	0.0	0.0	0.0	229.0

Exhibit P-5, Weapon			activity/Serial No SE-WIDE/3/CHE			Item Nomencla ) COLLECTIV		)N	Weapon System	т Туре:	Date: Febr	ary 2008
WPN SYST Cost Analysis Weapon System	ID	DEFENSE			FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
Cost Elements	CD			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
COLLECTIVE PROT SYS AMPHIB BACKFIT (CPS BACKFIT)				9258			10492			5083		
CP FIELD HOSPITALS (CPFH)				3613			3496			3342		
CB PROTECTIVE SHELTER (CBPS)				30462			25600			29359		
TOTAL				43333			39588			37784		

Exhibit P-40, Buo	lget Item Justif	ication She	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WID	E/3/CHEM-BIO DE	FENSE		P-1 Item Nome		LLECTIVE PRO	OT SYS AMPH	IIB BACKFIT	(CPS BACKF	IT)
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	38	3	3	1						45
Gross Cost	101.4	9.3	10.5	5.1						126.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	101.4	9.3	10.5	5.1						126.3
Initial Spares										
Total Proc Cost	101.4	9.3	10.5	5.1						126.3
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: The increased threat of Weapons of Mass Destruction (WMD) has reinforced the need to provide better defensive measures to protect personnel and vital ship interior spaces from toxic chemical, biological agents, and radioactive fallout. The Collective Protection System (CPS) Backfit Program was established as a result of the 1997 Quadrennial Defense Review (QDR). The QDR documented a requirement for installation of CPS in mission critical medical and command and control spaces on three Navy amphibious ship classes: Landing Helicopter Assault (LHA), Landing Helicopter Dock (LHD), and Landing Ship Dock (LSD). CPS is integrated with the ship's heating, ventilation, and air-conditioning (HVAC) systems and provides filtered supply air for over-pressurization of specified shipboard zones to keep toxic contamination from entering protected interior spaces. CPS eliminates the need for the ship's crew to wear protective gear (i.e., suits, masks). CPS will be installed on high priority ships and is adaptable to any ship airflow requirements. Procurement objective is to install CPS on 15 amphibious ships totaling 50 zones of protection. This objective is accomplished by conducting advance planning, completing Shipboard Installation Drawings (SIDs), procuring long lead items, procuring installation material, completing CPS installations, providing engineering/technical support, performing system start-ups, completing operational training, and system certification.

**JUSTIFICATION:** FY09 funds the installation for one kit of CPS equipment on LSD-41 (USS WHIDBEY ISLAND) creating interior areas that will be safe from the effects of WMD. CPS Backfit enables amphibious ships to sustain operations while under threat of WMD contamination.

Date:

FY 2009

FY 2009

February 2008

MODIFICATION TITLE: (JN0014) Collective Protection System Amphibious Backfit

MODELS OF SYSTEM AFFECTED: LHD class ships

#### DESCRIPTION/JUSTIFICATION:

The CPS will be installed on LHD class ships (1-8) in the Combat Information Center (CIC), two medical spaces, and a casualty decontamination area. CPS Backfit efforts will include ship surveys, engineering design analysis, detail design SIDs, development of modular installation packages, procurement of hardware, logistic warehousing and staging, and installation via Alteration Installation Teams (AITs). Procurement of government furnished equipment (GFE) is required. The CPS Backfit installation process is designed to maximize flexibility in procuring, receiving, warehousing, and assembling the necessary material and equipment to meet the challenges associated with changing ship availabilities. Each quantity denotes a protected zone.

# DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Pr Yr

Totals

Milestone	Planned	Accomplished
LHD-1 (USS WASP)		2001
LHD-2 (USS ESSEX)		2001
LHD-3 (USS KEARSARGE)		2002
LHD-4 (USS BOXER)		2002
LHD-5 (USS BATAAN)		2003
LHD-6 (USS BONHOMME RICHARD)		2006
LHD-7 (USS IWO JIMA)		2007
LHD-8 (USS MAKIN ISLAND)	2011	

FY 2007

09/07

#### Installation Schedule:

Delivery Date:

Inputs	24					3														
Outputs	24								3											
		FY 2	2011			FY 2	2012			FY:	2013			FY 2	2014			То		Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	(	Complete		
Inputs																				27
Outputs																				27
METHOD OF IMPLEMEN	NTATIO	V:	AIT			ADMINI	STRATIV	VE LEAD	TIME:		2			PRODUC	CTION L	EADTIM	E:	10		
Contract Dates:			FY 2007		12/06			FY 2008						FY 2009						

FY 2008

1

FY 2007

FY 2008

FY 2010

Date:

February 2008

MODIFICATION TITLE (Cont): (JN0014) Collective Protection System Amphibious Backfit

FINANCIAL PLAN: (\$ in Millions)

	FY:	2006																			
	and	Prior		FY	2007	FY 2	2008	FY 2	2009	FY 2	2010	FY 2	2011	FY :	2012	FY:	2013	Т	C	TOT	ΓAL
	Qty	\$		Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																					
PROCUREMENT																					
Kit Quantity																					
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment	24	19.6		3	3.5															27	23.1
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data		3.0			1.0																4.0
Training Equipment																					
Support Equipment																					
Other		3.0			1.1																4.1
Interim Contractor Support																					
Installation of Hardware FY 2006 & Prior Eqpt Kits FY 2007 Eqpt Kits FY 2008 Eqpt Kits FY 2009 Eqpt Kits FY 2010 Eqpt Kits FY 2011 Eqpt Kits FY 2012 Eqpt Kits FY 2013 Eqpt Kits TC Equip-Kits	24	23.0		3	3.7															24 3	23.0 3.7
Total Equip-Kits	24	23.0		3	3.7															27	26.7
Total Procurement Cost		48.6			9.3																57.9

Date:

February 2008

MODIFICATION TITLE: (JN0014) Collective Protection System Amphibious Backfit

MODELS OF SYSTEM AFFECTED: LHA class ships

#### DESCRIPTION/JUSTIFICATION:

CPS will be installed on LHA class ships (1-5) in two medical spaces, and a casualty decontamination space. CPS Backfit efforts will include ship surveys, engineering design analysis, detail design SIDs, procurement of hardware, modular installation packages, logistical warehousing and staging, and installation via AITs. Procurement of GFE is required. The CPS Backfit installation process is designed to maximize flexibility in procuring, receiving, warehousing, and assembling the necessary equipment and material to meet the challenges associated with changing ship availabilities. Each quantity in this budget denotes a zone of protection.

DEVELOPMENT STA	TUS/MAJOI	R DEVE	LOPMEN'	T MILES	TONES:																
Milestone					P	Planned	A	ccompl	ished												
LHA-5 (USS PEL	ELIU) (ON	IE ZON	√E)				20	000													
LHA-3 (USS BEL	LEAU WO	OOD)					20	003													
LHA-1 (USS TAR	AWA)						20	004													
LHA-5 (USS PEL	ELIU) (TH	REE Z	ONES)				20	004													
LHA-4 (USS NAS							20	006													
Installation Schedule:																					
	Pr Yr						FY	2007			FY 2	008			FY 2	2009			FY 2	010	
	Totals					1	2	3	4	1	2	3	4	1	2	3	4	. 1	2	3	4
Inputs	14																				
Outputs	14																				
		EM	2011			ES7 (	2012			EW.	2012			EXC	01.4						m 1
		FY	2011			FY 2	2012			FY 2	2013			FY 2	.014			То			Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	(	Complete			
Inputs																					14
Outputs																					14
METHOD OF IMPLE	MENTATION		AIT			ADMINI									TION L	EADTIM	E:				
Contract Dates:			FY 2007					FY 2008						Y 2009							
Delivery Date:			FY 2007					FY 2008					F	Y 2009							

Date:

February 2008

MODIFICATION TITLE (Cont): (JN0014) Collective Protection System Amphibious Backfit

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006	1																		
	and	Prior		FY 2	2007	FY :	2008	FY 2	2009	FY 2	2010	FY 2	2011	FY 2	2012	FY 2	2013	Т	C	TOT	ΓAL
	Qty	\$		Qty	\$	Qty	\$	Qty	\$												
RDT&E																					
PROCUREMENT																					
Kit Quantity																					
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment	14	133.3																		14	133.3
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data		3.0																			3.0
Training Equipment																					
Support Equipment																					
Other		3.9																			3.9
Interim Contractor Support																					
Installation of Hardware FY 2006 & Prior Eqpt Kits FY 2007 Eqpt Kits FY 2008 Eqpt Kits FY 2009 Eqpt Kits FY 2010 Eqpt Kits FY 2011 Eqpt Kits FY 2012 Eqpt Kits FY 2013 Eqpt Kits TC Equip-Kits	14	15.2																		14	15.2
Total Equip-Kits	14	15.2																		14	15.2
Total Procurement Cost		155.4																			155.4

Date:

February 2008

MODIFICATION TITLE: (JN0014) Collective Protection System Amphibious Backfit

MODELS OF SYSTEM AFFECTED: LSD Class Ships

#### DESCRIPTION/JUSTIFICATION:

The CPS will be installed on LSD class ships (41, 42 & 43) in the berthing, rest and relief, Combat Information Center (CIC), and medical spaces. CPS Backfit efforts will include ship surveys, engineering design analysis, detail design SIDs, development of modular installation packages, procurement of hardware, logistic warehousing and staging, and installation via Alteration Installation Teams (AITs). Procurement of government furnished equipment (GFE) is required. The CPS Backfit installation process is designed to maximize flexibility in procuring, receiving, warehousing, and assembling the necessary material and equipment to meet the challenges associated with changing ship planned maintenance availability schedules. Each quantity denotes one kit, four kits equal a protected zone.

#### DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Milestone	Planned	Accomplished
-----------	---------	--------------

LSD-42 (USS GERMANTOWN) 2008 LSD-41 (USS WHIDBEY ISLAND) 2009 LSD-43 (USS FORT MCHENRY) 2010

Installation	Schedule:

Inputs Outputs

Inputs Outputs

Pr Yr				FY 2	007			FY 2	2008			FY 2	:009			FY 2	2010	
Totals			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
							3				1							
										3				1				

	FY 2	2011			FY 2	2012			FY 2	2013			FY 2	2014		То	Totals
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
																	4
																	4

METHOD OF IMPLEMENTATION:	AIT	ADMINISTRATIVE LEADTIME:	2	PRODUCTION LEADTIME: 10
Contract Dates:	FY 2007	FY 2008	12/07	FY 2009 12/08
Delivery Date:	FY 2007	FY 2008	09/08	FY 2009 09/09

Date:

February 2008

MODIFICATION TITLE (Cont): (JN0014) Collective Protection System Amphibious Backfit

FINANCIAL PLAN: (\$ in Millions)

	FY:	2006																				
	and	Prior			FY	2007	FY :	2008	FY 2	2009	FY 2	2010	FY 2	2011	FY 2	2012	FY:	2013	Т	C	TOT	ΓAL
	Qty	\$			Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																						
PROCUREMENT																						
Kit Quantity																						
Installation Kits																						
Installation Kits, Nonrecurring																						
Equipment							3	3.8	1	1.6											4	5.4
Equipment, Nonrecurring																						
Engineering Change Orders																						
Data								1.3		0.8												2.1
Training Equipment																						
Support Equipment																						
Other								0.9		0.9												1.8
Interim Contractor Support																						
Installation of Hardware																						
FY 2006 & Prior Eqpt Kits																						
FY 2007 Eqpt Kits																						
FY 2008 Eqpt Kits							3	4.6													3	4.6
FY 2009 Eqpt Kits									1	1.8											1	1.8
FY 2010 Eqpt Kits																						
FY 2011 Eqpt Kits																						
FY 2012 Eqpt Kits																						
FY 2013 Eqpt Kits																						
TC Equip-Kits																						
Total Equip-Kits							3	4.6	1	1.8											4	6.4
Total Procurement Cost								10.6		5.1												15.7
		-	_	-		-											_	_				

Exhibit P-40, Budg	et Item Justif	ication She	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/	3/CHEM-BIO DE	FENSE		P-1 Item Nome	enclature	(JP0911) CP	FIELD HOSP	ITALS (CPFH	I)	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	3	3	3	3	2	2	2	3		21
Gross Cost	2.9	3.6	3.5	3.3	3.4	3.5	4.3	4.7	Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	2.9	3.6	3.5	3.3	3.4	3.5	4.3	4.7	Continuing	Continuing
Initial Spares										
Total Proc Cost	2.9	3.6	3.5	3.3	3.4	3.5	4.3	4.7	Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: The Collectively Protected Field Hospitals (CPFH) program provides each Service's medical personnel a Chemical, Biological, Radiological, and Nuclear (CBRN) collective protection capability to their medical treatment facilities. The Collective Protection Joint Project Office ensures that each service's validated CPFH requirements are met in the most timely and cost efficient way possible. The Army's Collectively Protected Deployable Medical System (CP DEPMEDS); the Air Force's Collectively Protected Expeditionary Medical Support (CP EMEDS); and the Navy's Chemically Hardened Expeditionary Medical Facility (CH EMF) converts the service's field hospitals into a fully operational, environmentally controlled, and collectively protected medical treatment facility. Major components complexed together include barrier materials, Environmental Control Units (ECU), and air purification equipment. The requirement is to sustain medical operations in a Chemical and Biological (CB) contaminated environment for 72 hours.

**JUSTIFICATION:** FY09 will harden one CH EMF variant and two CP DEPMEDS variants. These shelter systems enable the Service's field hospitals to conduct critical life saving medical operations without the need for individual protective equipment while in high threat areas and during a CB attack.

Exhibit P-5, Weapon	Appropriation/Budget Activity/Serial No. PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFENSE						Item Nomencla CP FIELD HO			Weapon Syster	п Туре:	Date: Febr	uary 2008
WPN SYST Cost Analysis Weapon System	ID	DEFENSE				FY 07			FY 08			FY 09	
Cost Elements	CD				Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
Cost Elements	CD				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
CH EMF 150-BED CH EMF 150-BED					1392	1	1392	1443	1	1443	1485	1	1485
CP DEPMEDS MRI 40-BED AUGMENT CP DEPMEDS MRI 40-BED AUGMENT					549	1	549	599	1	599	589	1	589
CP DEPMEDS MRI 44-BED CP DEPMEDS MRI 44-BED					550	1	550	595	1	595	588	1	588
OTHER COSTS INTEGRATED LOGISTICS SUPPORT SYSTEMS ENGINEERING INTEGRATED ACQUISITION SYSTEM FIELDING SUPPORT/ PROVISIONING					397 427 168 130			280 225 227 127			199 176 170 135		
TOTAL					3613			3496			3342		

	Exhibit P-5a, Budget	Procurement H	istory and Planning					Date:	February 20	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WII	DE/3/CHEM-BIO DEFENSE	Weapon System Ty	pe:		P-1 Line I	tem Nomen (JP091	clature:   1) CP FIELD	HOSPITALS	(CPFH)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
CH EMF 150-BED										
FY 07	Pine Bluff Arsenal, Pine Bluff, AR	MIPR	TACOM, Rock Island, IL	Sep-07	Sep-09	1	1392000	Yes		
FY 08	Pine Bluff Arsenal, Pine Bluff, AR	MIPR	TACOM, Rock Island, IL	Jan-08	Jan-10	1	1443000	Yes		
FY 09	Pine Bluff Arsenal, Pine Bluff, AR	MIPR	TACOM, Rock Island, IL	Jan-09	Jan-11	1	1485000	Yes		
CP DEPMEDS MRI 40-BED AUGMENT										
FY 07	Pine Bluff Arsenal, Pine Bluff, AR	MIPR	TACOM, Rock Island, IL	Jan-07	Jul-08	1	549000	Yes		
FY 08	Pine Bluff Arsenal, Pine Bluff, AR	MIPR	TACOM, Rock Island, IL	Jan-08	Nov-10	1	599000	Yes		
FY 09	Pine Bluff Arsenal, Pine Bluff, AR	MIPR	TACOM, Rock Island, IL	Jan-09	Nov-11	1	589000	Yes		

REMARKS: The items being procured for CP Field Hospitals (CPFH) are packages/assemblages that can be over 80 separate line items. Some of the longest lead-time item such as generators and CB latrines can be up to 24 months for delivery. This long lead time combined with the time requirement to match all of the parts together may results in an estimated delivery time up to 36 months.

	Exhibit P-5a, Budget	Procurement Hi	istory and Planning					Date:	February 20	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-V	WIDE/3/CHEM-BIO DEFENSE	Weapon System Typ	pe:		P-1 Line I	tem Nomeno (JP091	clature: 1) CP FIELD	HOSPITALS	(CPFH)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue
CP DEPMEDS MRI 44-BED	D: D1 66 A 1 D1		THE GOLD AND AND AND							
FY 07	Pine Bluff Arsenal, Pine Bluff, AR	MIPR	TACOM, Rock Island, IL	Jan-07	Jul-08	1	550000	Yes		
FY 08	Pine Bluff Arsenal, Pine Bluff, AR	MIPR	TACOM, Rock Island, IL	Jan-08	Nov-10	1	595000	Yes		
FY 09	Pine Bluff Arsenal, Pine Bluff, AR	MIPR	TACOM, Rock Island, IL	Jan-09	Nov-11	1	588000	Yes		

REMARKS: The items being procured for CP Field Hospitals (CPFH) are packages/assemblages that can be over 80 separate line items. Some of the longest lead-time item such as generators and CB latrines can be up to 24 months for delivery. This long lead time combined with the time requirement to match all of the parts together may results in an estimated delivery time up to 36 months.

	Eukiki4 D21 Duo Ja	- a4 a - C	ماده ماده			P-1 Item	Nomenclati	ure:		(IDOC	)11).6	CP FII	CI D I	IIOCI	DIT A I	S (C	DET I							Date	:		F.	bruary	. 2009					
	Exhibit P21, Produ	icuon S	cneauie							(JPUS	911) C			rosi Year		LS (C	РГП)	)						1	Fiscal	Year		bruary	2000	•				
				S	PROC	ACCEP	BAL									lenda	r Yea	ar 07										Year (	8			L		
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R		
CD DEDI	AEDC MDI 40 DED ALICMENT	1	EVIOC		1																			L		H								
	MEDS MRI 40-BED AUGMENT MEDS MRI 44-BED	1 1	FY 06 FY 06	A A	1 1		1 1										1					$\vdash$	$\vdash$	$\vdash$	+	$\vdash$	$\vdash$							
CH EMF		2	FY 07	N	1		1										_		Α			_	_		_	╙						1		
	MEDS MRI 40-BED AUGMENT	1	FY 07	A	1 1		1				A						H					$\vdash$	┢		1 1									
CP DEPN	MEDS MRI 44-BED	1	FY 07	A	1		1				A											$\vdash$		$\vdash$	1									
CH EMF	150-BED	2	FY 08	N	1		1																Α		<del>                                     </del>									
CP DEPM	MEDS MRI 40-BED AUGMENT	3	FY 08	A	1		1																A											
CP DEPM	MEDS MRI 44-BED	3	FY 08	A	1		1										_					_	A		-	<del>-   -   -   -   -   -   -   -   -   -  </del>								
																							-		+									
																										M A M J J A S A P A U U U E								
																									_									
																						┢	┢		╫									
																										M A M J J A S								
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P			
MFR			PR	ODUCT	ION RATES										]	LEAD	TIME	ES					TOTA	L		REM	ARKS							
															istrativ					uction		1												
Number 1	NAME/LOCATION  Pine Bluff Arsenal, Pine Bluff, AR		MIN. 1		1-8-5 1	MAX.	UOM E	T.	nitial /	Doorde	or		ior 1 C		A	fter 1 (				1 Oct / 19		_	22 / 2		┨									
2	Pine Bluff Arsenal, Pine Bluff, AR		1		1	1	E E		nitial /				0/0			11/3				/ 19		-	36 / 2		-									
3	Pine Bluff Arsenal, Pine Bluff, AR		1		1	1	Е		nitial /				0/0			3/3				/ 35		_	38 / 3		1									
																									4									
																									4									
																						$\vdash$			1									
																									1									

	Exhibit P21, Produ	otion S	ahadula			P-1 Item	Nomenclati	ure:		(JP09	011) C	D EII	EI D I	носі	ЭІТ А І	IS (C	DEH/							Date:	:		Fe	bruary	, 200°	2				
	Exhibit F21, Froud	cuon s	chedule							(31 05	711) C			Year		L3 (C	1111)							]	Fiscal	Year		oruary	200	,				
				S	PROC	ACCEP	BAL								Cal	lenda	r Yea	ır 09								Cale	ndar `	Year 1	10			L A		
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R		
CH EMF	150-BED	2	FY 07	N	1		1												1							E								
CH EMF	150-BED	2	FY 08	N	1		1																1			H								
				),																						F								
CH EMF CP DEPN	150-BED MEDS MRI 40-BED AUGMENT	2	FY 09 FY 09	N A	1 1		1				A A												$\vdash$			H						1		
	MEDS MRI 44-BED	3	FY 09	A	1		1				A																							
																										E								
																							H			M A M J J A S A P A U U U E E R R Y N I G P								
																										M A M J J A S A P A U U U E E P R P V N I G P								
																										M A M J J A S A P A U U U U E R R R Y N L G P								
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	Α	A P R	M A Y	J U N	U	U	Е			
MFR			PR	ODUCT	ION RATES											LEAD	TIME			_			TOTA	ΛL		REM	ARKS							
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C	Admini Oct		ve fter 1 (	Oct			uction 1 Oct		A	After 1	Oct										
1	Pine Bluff Arsenal, Pine Bluff, AR		1		1	1	Е		nitial / ]				0/0			3/3				/ 19		-	22 / 2		1									
3	Pine Bluff Arsenal, Pine Bluff, AR Pine Bluff Arsenal, Pine Bluff, AR		1 1		1	1	E E	_	nitial / ] nitial / ]				0/0			11 / 3 3 / 3				/ 25 / 35		_	36 / 2 38 / 3											

	Ewhihit D21 Duady	ection C	ah adula			P-1 Item	Nomenclati	ıre:		(IDOO	)11) (	D EII	EL D I	noci	DIT A I	LS (C	DEU\							Date	:		Eo	bruary	, 2009	o				
	Exhibit P21, Produ	icuon S	cneaute							(JP09	911) C			rosi Year		LS (C	РГП)	)						1	Fiscal	Year		oruary	/ 2006	5				
				S	PROC	ACCEP	BAL									lenda	r Yea	ar 11										Year 1	12			L		
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R		
	MEDS MRI 40-BED AUGMENT	3	FY 08 FY 08	A	1 1		1		1								Н						┢	$\vdash$	╆	┢								
CP DEPN	IEDS MRI 44-BED	3	F1 U8	A	1		1		1														Н	$\vdash$	+	┢		$\vdash$						
CH EMF	150-BED	2	FY 09	N	1		1				1																							
	MEDS MRI 40-BED AUGMENT	3	FY 09	Α	1		1										Г				1		Т											
CP DEPM	IEDS MRI 44-BED	3	FY 09	A	1		1														1													
																	_						_	_	╄									
																							_		-	-								
																	H						Н		+	$\vdash$								
								$\vdash$									$\vdash$						┢		+									
																							Н											
																	Н						Н		$\top$	M A M J J A S								
																	Г						Т											
																										M A M J J A S A S A P A U U U E								
																									M A M J J A S									
										_													┡	_	╄	┡		_						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P			
MFR			PR	ODUCT	ON RATES										]	LEAD	TIME	ES					TOTA	ΛL		REM	ARKS							
													F	Admin	istrativ	/e			Prod	uction														
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C	Oct	A:	fter 1 (	Oct		After	1 Oct		A	fter 1	Oct	4									
1	Pine Bluff Arsenal, Pine Bluff, AR		1		1	1	Е	_	nitial / I				0/0			3/3				/ 19		-	22 / 2											
2	Pine Bluff Arsenal, Pine Bluff, AR		1		1	1	E	_	nitial / I				0/0			11/3				/ 25		_	36 / 2											
3	Pine Bluff Arsenal, Pine Bluff, AR		1		1	1	Е	Iı	nitial / I	keorde	er		0/0			3/3			35	/ 35			38 / 3	8	+									
																									1									
																									1									

Exhibit P-40, Budg	et Item Justif	ication Shee	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/	3/CHEM-BIO DE	FENSE		P-1 Item Nome		(R12301) CB PR	OTECTIVE S	HELTER (CE	BPS)	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	251	17	29	33	52	53	61	61		557
Gross Cost	194.4	30.5	25.6	29.4	32.1	32.5	37.0	37.0	Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	194.4	30.5	25.6	29.4	32.1	32.5	37.0	37.0	Continuing	Continuing
Initial Spares										
Total Proc Cost	194.4	30.5	25.6	29.4	32.1	32.5	37.0	37.0	Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

**DESCRIPTION:** The Services need a highly mobile, self-contained collective protection system which can provide a contamination free working area for Echelon I and II medical treatment facilities and other selected units. The Chemical and Biological Protective Shelter (CBPS) satisfies this need. The CBPS replaces the M51 Chemical Protective Shelter. The system consists of a Collectively Protected (CP) shelter modularized and integrated into a service selected prime-mover. The system is completely self contained, self powered, mobile, and adaptable to a variety of missions. CBPS relieves medical, combat service, and combat service support personnel from wearing chemical-biological protective clothing. The system is capable of operating continuously for 72 hours providing a contamination free environmentally controlled working area.

JUSTIFICATION: This program will procure 33 up-armored CBPS systems in FY09.

Exhibit P-5, Weapon  WPN SYST Cost Analysis		 -	Activity/Serial N SE-WIDE/3/CHE			Item Nomencla ) CB PROTECT		R	Weapon System	п Туре:	Date: Febru	nary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
CBPS UP-ARMORED  CBPS Up-armored  Up-armored Prime Mover  Filters  Up-armor Integrated Kit Integration and Installation  First Article Testing  OTHER COSTS  Engineering Support Integrated Logistic Support New Equipment Training  Total Package Fielding (includes spares)	A			6800 5304 38 7896 340 6534 1655 1895	17 17 34 21	400 312 1.118 376	11600 9048 66 560 700 1984 1286 356	58	312	13200 10296 78 740 1230 1980 1313 90 432	33 66	400 312 1.182
TOTAL				30462			25600			29359		

	Exhibit P-5a, Budget	t Procurement His	tory and Planning					Date:	February 20	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFEN:	clature: CB PROTEC	TIVE SHELT	ER (CBPS)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
CBPS Up-armored										
FY 07	Smiths Detection, Edgewood, MD	C/FFP - Option 1	TACOM, Rock Island, IL	Aug-07	Dec-09	17	400000	Yes		
FY 08	Smiths Detection, Edgewood, MD	C/FFP - Option 2	TACOM, Rock Island, IL	Jan-08	Apr-10	29	400000	Yes		
FY 09	Smiths Detection, Edgewood, MD	C/FFP - Option 3	TACOM, Rock Island, IL	Jan-09	Nov-10	33	400000	Yes		
Up-armor Integrated Kit										
FY 07	Smiths Detection, Edgewood, MD	C/FFP	TACOM, Rock Island, IL	Aug-07	Sep-09	21	376000	Yes		

**REMARKS:** Production Lead times increased because new U.S. Army up-armor requirements have forced contract modifications and system design changes.

	Ewkikit D21 Duody	ation C	ah adula			P-1 Item	Nomenclati	ure:	(D)	12301	) CP	DD O	FECT	TVE :	CHEI	TED	(CP	DC)					1	Date:			Eol	bruary	2005	,				
	Exhibit P21, Produ	iction S	cneauie						(K	12301	.) СБ		scal \			LIEK	. (СБ.	rs)						F	iscal	Year		oruary	2008	<b>S</b>				
				S	PROC	ACCEP	BAL								Cal	lenda	r Yea	ar 07							(	Calen	dar Y	Zear 0	8			L A		
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R		
CBPS Un	-armored	1	FY 04	A	26		26				1	3	4	7	7	4	H									H								
CBPS Ret		3	FY 04	A	34		34				1	J	-	7	25	2																		
CBPS Ret	trofit Kits	3	FY 05	A	161		161									23	25	25	25	25	25	13												
CBPS Up	-armored	2	FY 07	A	17		17										H	A																
	Integrated Kit	2	FY 07	A	21		21											A							<del>                                     </del>									
CBPS Up	-armored	2	FY 08	A	29		29																Α											
																	H									R R Y N L G P								
																										APAUUUE								
																	H																	
																										A P A U U U E R R Y N L G P								
																										A P A U U U E								
																										A P A U U U E								
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B		P	Α	U	U	U	Е			
MFR			PR	ODUCT	ION RATES											LEAD	TIME	ES				1	ГОТА	L		REM	ARKS							
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	or 1 C		istrativ A	ve .fter 1 (	Oct			uction 1 Oct		At	fter 1 (	Oct	Arm	ıy up-a	rmor r	equirer	nents l		ced co			
1	DRS Sustainment Systems, St. Louis, MO		1		8	12	Е	Iı	nitial /	Reorde	er		0/0			7/0			24	· / 0			31/0	)	mod	Army up-armor requirements have forced con modifications and system design changes.								
2 3	Smiths Detection, Edgewood, MD DRS Sustainment Systems, St. Louis, MO		1		4 25	17 50	E E	_	nitial /				12/0 0/0			10 / 3				/ 28 / 18			36 / 3 30 / 30											
3	DRS Sustainment Systems, St. Louis, MO		1		دع	50	Б	-"	iittai /	KCUIU	.1		0/0			14/1.	۷		10	/ 10			JU / 31	o .										

						P-1 Item	Nomenclat	ure:																Date:												
	Exhibit P21, Produc	tion S	chedule						(R1	2301	) CB	PRO	ГЕСТ	IVE :	SHEI	LTER	(CBI	PS)									Fe	bruary	2008		_					
												Fi	scal Y	Year	09									F	iscal	Year	10					_				
				s	PROC	ACCEP	BAL								Cal	enda	r Yea	r 09								Caler	dar Y	ear 1	0		_	L A				
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	О	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R				
CDDC II		-	FW 0.5		21		21			_																					_					
CBPS Un	-armored	2	FY 06	A	21		21												2	4	4	4	4	3							$\dashv$					
CBPS Up	-armored	2	FY 07	A	17		17															3	4	4	4	2					$\dashv$					
	Integrated Kit	2	FY 07	A	21		21												2	4	4	4	4	3	Ť	_					$\neg$					
_																																				
CBPS Up	-armored	2	FY 08	A	29		29																		2 4 4 4 4 4											
CBPS Up	-armored	2	FY 09	A	33		33				A																									
										$\dashv$																										
																											$\neg$									
																										2 4 4 4 4 4 4 4 M M M M M M M M M M M M										
																										2 4 4 4 4 4 4 4 A A A A A A A A A A A A										
										_																2 4 4 4 4 4 4 A A A A A A A A A A A A A										
										-																2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4										
																										2 4 4 4 4 4 4 4 A A A A A A A A A A A A										
																										M A M J J A S										
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R		U	U	U	Е					
MFR			PR	ODUCT	ION RATES										I	LEAD	TIME	S				1	ТОТА	L		REM.	ARKS									
													Α	Admini	istrativ	re			Produ	iction										ed becau						
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM						ior 1 C	Oct	Ai	fter 1 C	Oct			1 Oct			fter 1 (							ave for an chan		ntract				
1	DRS Sustainment Systems, St. Louis, MO		1		8	12	Е		nitial / R				0/0			7/0			24			_	31/0		modifications and system design changes.											
3	Smiths Detection, Edgewood, MD DRS Sustainment Systems, St. Louis, MO		1		4 25	17 50	E E		nitial / R nitial / R				12/0 0/0			10 / 3 12 / 12				/ 28 / 18		_	36 / 3 30 / 3		1											
j	Eric Susaimment Oystems, Dr. Louis, INO		1		20	50	Ľ	Ľ		corde			370			.2/12			10	. 10			2013	`												
																									-											
																									1											

	Exhibit P21, Product	Hon C	ah adula			P-1 Item	Nomenclati	ure:	<b>(D</b> )	12201	) CP	DD ()	тест	rive	CUEI	LTER	(CD)	DC)						Date:	:		Ea	bruary	, 2009	·				
	Exhibit P21, Product	1011 5	chedule						(K)	12301	) СБ			Year		LIEK	(СБ	r <i>3)</i>						]	Fiscal	Year		oruary	2000	,				
				S	PROC	ACCEP	BAL									lenda	r Yea	ır 11										Year 1	2			L A		
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P	M A Y	J U N	J U L	A U G	S E P	T E R		
CBPS Up	-armored	2	FY 08	A	29	22	7	4	3																									
CBPS Up	-armored	2	FY 09	A	33		33		2	4	4	4	4	4	4	4	3																	
																										M A M J J A S								
																										F								
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	Α	P	M A Y	J U N	J U L	A U G	S E P			
MFR			PR	ODUCT	ION RATES								Δ	Admini		LEAD /e	TIME		Produ	uction			TOTA	L	Pro		IARKS n Lead		ncreas	ed beca	use ne	ew U.S.		
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM	L					ior 1 C	Oct		fter 1 C			After	1 Oct		A	fter 1		Arı	ny up-	armor	require	nents	have for	ced c			
2	DRS Sustainment Systems, St. Louis, MO Smiths Detection, Edgewood, MD		1		8 4	12 17	E E		nitial / I nitial / I				0/0 12/0			7 / 0 10 / 3				/ 0 / 28			31/0		1	modifications and system design changes.								
3	DRS Sustainment Systems, St. Louis, MO		1		25	50	E	_	nitial / ]				0/0			12 / 12				/ 18		_	30 / 3											
																									1									
																									1									

# Budget Line Item #94 CONTAMINATION AVOIDANCE

THIS PAGE INTENTIONALLY LEFT BLANK

Exhibit P-40, Budg	et Item Justif	ication Shee	t			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	/CHEM-BIO DE	FENSE		P-1 Item Nome	enclature	(GP2000) CON	TAMINATIO	N AVOIDAN	CE	
Program Elements for Code B Items:		Code:	Other Relate	d Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost	1613.7	234.5	198.3	199.6	265.3	279.7	328.9	385.5	Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	1613.7	234.5	198.3	199.6	265.3	279.7	328.9	385.5	Continuing	Continuing
Initial Spares										
Total Proc Cost	1613.7	234.5	198.3	199.6	265.3	279.7	328.9	385.5	Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										
	<u>-</u>	·			·			·		

DESCRIPTION: Contamination Avoidance encompasses detection, warning and reporting, and reconnaissance systems. In the area of chemical, biological and radiological detection, the program procures point and remote (stand-off) detection systems: M22 Automatic Chemical Agent Detector and Alarm (ACADA) is a man-portable automatic alarm system capable of concurrent nerve and blister agent detection; The Improved Chemical Agent Monitor (ICAM) is a hand-held, service member operated device for monitoring chemical agent contamination on personnel and equipment; Multi-Service Radiacs (MSR) are a family of nuclear radiation detectors that are used by the Army, Marines and Navy to detect and measure various forms of nuclear radiation in the battle space and in Operations Other Than War. The systems are the AN/PDR-75, the AN/VDR-2, the AN/PDR-77 and the AN/UDR-13; Joint Biological Point Detection System (JBPDS) a point detection suite consisting of complementary trigger, sampler, detector, and identification technologies to detect and identify the full range of biological agents in real-time; Joint Chemical Agent Detector (JCAD) an automatic, lightweight man-portable, point-sampling, chemical warfare agent vapor detection/warning system which includes simultaneous and automatic detection by class (nerve, blister, and blood), identification and quantification of hazard levels, and data communication interface; and Joint Service (JS) Lightweight Stand-off Chemical Agent Detector (JSLSCAD) a ruggedized, passive, infrared detection system that automatically searches the surrounding atmosphere for chemical agent vapor clouds, with a 360 degree on-the-move stand-off detection at distances of up to two kilometers. In the warning and reconnaissance area: Joint Warning and Reporting Network (JWARN) provides a fully automated NBC detection and warning process throughout the battle space; JS Chemical /Biological/Radiological Agent Water Monitor (JCBRAWM) will be an automated, man-portable water sampling device designed to provide early warning and monitoring of chemical and biological warfare threats in source and potable water supplies; NBC Reconnaissance Vehicle (NBCRV) a dedicated system of nuclear and chemical detection and warning equipment, and biological sampling equipment integrated into a high speed, high mobility, armored carrier capable of performing NBC reconnaissance on primary, secondary, or cross country routes throughout the battle space; and Joint Nuclear Biological and Chemical Reconnaissance Systems (JNBCRS) provide field commanders with point and stand-off intelligence for real time field assessment of NBC hazards. The Joint Effects Model (JEM) an accredited model for predicting hazards associated with the release of contaminants into a variety of scenarios including: counterforce, passive defense, accident and/or incidents (Increment 1), high altitude releases, urban NBC environments (Increment 2) and building interiors, and human performance degradation (Increment 3). Joint Operational Effects Federation (JOEF) is a modeling and simulation tool required to determine the effects and assess the impact and risks associated with CBRN hazards, as well as Toxic Industrial Materials (TIM), on military operations.

**JUSTIFICATION:** Contamination Avoidance is the primary objective of the Joint NBC Defense program. Operational forces have an immediate need to safely operate, survive, and sustain operations in an NBC agent threat environment. Contamination Avoidance is necessary to maintain operational efficiency and minimize the need to decontaminate vehicles, equipment, and areas. Advanced chemical defensive equipment is required to enhance US capability to detect and identify threat agents in the battle space.

Exhibit P-5, Weapon		Appropriation/Budget Activity/Serial No. PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFENSE			P-1 Line Item Nomenclature: (GP2000) CONTAMINATION AVOIDANCE				Weapon System Type:		Date: February 2008	
WPN SYST Cost Analysis												
Weapon System	ID			FY 07			FY 08			FY 09		
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JOINT WARNING & REPORTING NETWORK (JWARN)				6517			6702			6888		
JOINT BIO POINT DETECTION SYSTEM (JBPDS)				105333			80788			75778		
JS CHEMICAL/BIOLOGICAL/RADIOLOGICAL AGENT WATER MONITOR (JCB							5016			6018		
JOINT EFFECTS MODEL (JEM)				2050			3512			4359		
JOINT OPERATIONAL EFFECTS FEDERATION (JOEF)							3589					
JOINT BIO STANDOFF DETECTOR SYSTEM (JBSDS)							3200					
NBC RECON VEHICLE (NBCRV)				10225			7764					
JOINT CHEM AGENT DETECTOR (JCAD)				22588			33638			38082		
MULTI-SERVICE RADIACS (MSR)				8512			6059			4152		
AUTO CHEMICAL AGENT ALARM (ACADA), M22				14437								
JOINT NBC RECONNAISSANCE SYSTEM (JNBCRS)				46086			31660			64333		
IMPROVED CHEMICAL AGENT MONITOR (ICAM)				5500								
JS LTWT STANDOFF CW AGT DETECTOR (JSLSCAD)				13247			16332					
TOTAL				234495			198260			199610		

Exhibit P-40, Budget Item Justification Sheet						Date: February 2008						
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFENSE					P-1 Item Nomenclature (G47101) JOINT WARNING & REPORTING NETWORK (JWARN)							
Program Elements for Code B Items:			Other Relate	Other Related Program Elements:								
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog		
Proc Qty	20									20		
Gross Cost	55.2	6.5	6.7	6.9	6.6	6.9	8.1	5.6	Continuing	Continuing		
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	55.2	6.5	6.7	6.9	6.6	6.9	8.1	5.6	Continuing	Continuing		
Initial Spares												
Total Proc Cost	55.2	6.5	6.7	6.9	6.6	6.9	8.1	5.6	Continuing	Continuing		
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: JWARN will provide Joint Forces with a comprehensive analysis and response capability to minimize the effects of hostile Nuclear, Biological and Chemical (NBC) attacks and accidents/incidents. It will provide the operational capability to employ NBC warning technology which will collect, analyze, identify, locate, report and disseminate NBC warnings. JWARN will be compatible and integrated with Joint Services Command, Control, Communication, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Systems. JWARN will be located in Command and Control Centers at the appropriate level and employed by NBC defense specialists and other designated personnel. JWARN will transfer data automatically from and to the actual detectors/sensors and provide commanders with analyzed data for decisions for disseminating warnings down to the lowest level on the battlefield. JWARN will provide additional data processing, production of plans and reports, and access to specific NBC information to improve the efficiency of limited NBC personnel assets.

JWARN One Delta (JWARN 1D) is a legacy version of JWARN fielded to warfighters to support operational requirements which evolved into JWARN Initial Capability (JIC), an enhanced capability that supports insight for the JWARN Inc 1 software development process. The JIC will evolve from a Block I-based capability to a Block II -based capability as the software matures. The JIC will provide direct feedback on existing JWARN system requirements to ensure that warfighter needs will be met by the interface to the JWARN Acquisition Program. JWARN Component Interface Device (JCID) is the hardware component of the JWARN system. In addition to providing the physical interface to the sensors and the structure of the network, these devices will perform certain software functions to support system operation.

JUSTIFICATION: FY09 funds to procure 10,000 JWARN JCID sets at FRP.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2008
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (G47101)	JOINT WARNING & REPORTING NETWORK (JWARN)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj CA4; 0604384BP/Proj CA5 and Proj IS5	В			

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES

JWARN will provide Joint Forces with a comprehensive analysis and response capability to minimize the effects of hostile Nuclear, Biological and Chemical (NBC) attacks and accidents/incidents. It will provide the operational capability to employ NBC warning technology which will collect, analyze, identify, locate, report and disseminate NBC warnings. JWARN will be compatible and integrated with Joint Services Command, Control, Communication, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Systems.

JWARN One Delta (JWARN 1D) is a legacy version of JWARN fielded to warfighters to support operational requirements which evolved into JWARN Initial Capability (JIC), an enhanced capability that supports insight for the JWARN Inc 1 software development process. The JIC will evolve from a Block I-based capability to a Block II -based capability as the software matures. The JIC will provide direct feedback on existing JWARN system requirements to ensure that warfighter needs will be met by the interface to the JWARN Acquisition Program. JWARN Component Interface Device (JCID) is the hardware component of the JWARN system. In addition to providing the physical interface to the sensors and the structure of the network, these devices will perform certain software functions to support system operation.

RDT&E FY06 and Prior - 134.4M; FY07 - 17.7M; FY08 - 23.5M; FY09 - 16.6M; FY10 - 7.5M; FY11 - 6.9M; FY12 - 3.9M; FY13 - 13.4M

DEVELOTIMENT/TEST STRICS IN SOR MILLESTONES		COMPLETE
JWARN Inc 1 - Development Test 3	1Q FY08	2Q FY08
JWARN Inc 1 - Operational Assessment 3	2Q FY08	2Q FY08
JWARN Inc 1 - Milestone C	3Q FY08	3Q FY08
JWARN Inc 1 - JCID Low Rate Initial Production (LRIP) Contract Award	3Q FY08	4Q FY08
JWARN Inc 1 - First Article Test	3Q FY08	3Q FY08
JWARN Inc 1 - Multiservice Operational Test & Evaluation	4Q FY08	1Q FY09
JWARN Inc 1 - Initial Operational Capability	1Q FY09	1Q FY09
JWARN Inc 1 - Full Rate Production Milestone Decision	2Q FY09	2Q FY09
JWARN Inc 1 - Full Rate Production	2Q FY09	2Q FY12

COMPLETE

**START** 

Exhibit P-5, Weapon WPN SYST Cost Analysis			Activity/Serial N SE-WIDE/3/CHE		(G47101	Item Nomencla ) JOINT WARI DRK (JWARN)		RTING	Weapon Syster	п Туре:	Date: Febr	uary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JWARN - JIC SETS  JIC Equipment and Software	A			285	5	57						
<b>JWARN - JCID (LRIP</b> ) JWARN - JCID LRIP	В						910	300	3.033			
<b>JWARN - JCID (FRP)</b> JWARN - JCID FRP	В									5000	10000	0.500
OTHER COSTS  JWARN - Procurement Planning Support  JWARN 1F and JWARN Block II Init Capab  Upgrades				2955 3277			5300 492			1888		
TOTAL				6517			6702			6888		

	Exhibit P-5a, Budget P	rocurement Hist	ory and Planning					Date:	ebruary 200	8
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It (G47101	em Nomeno ) JOINT W	elature: ARNING & R	EPORTING N	ETWORK	(JWARN)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JWARN - JCID LRIP FY 08 JWARN - JCID FRP FY 09	Northrop Grumman Corporation Unknown	C/CPIF C/CPAF	Winter Park, FL SPAWAR, San Diego, CA	Oct-07	Jan-08 Feb-09	300	3033 500	Yes Yes	Aug-08 Jan-08	Jun-08
REMARKS:										

						P-1 Item	Nomenclat	ure:																Date:								
	Exhibit P21, Produ	ction S	chedule				(0	34710	1) JOI	NT W	VARN	NING	& RI	EPOR	TINC	3 NET	ГWО	RK (J	WAR	(N)							Fe	bruary	2008	3		
												Fi	scal Y	Year	07									I	Fiscal	Year	· 08					
				S	PROC	ACCEP	BAL								Cal	enda	r Yea	ır 07								Caler	ndar '	Year (	)8			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
	oment and Software	1	FY 07	A	2		2		Ш		Α				2							_		┡		┡	_	_				
	oment and Software	1	FY 07	AF	2		2		Ш		Α					2								_		┡	_	_				
JIC Equip	oment and Software	1	FY 07	J	1		1				Α					1								$\vdash$		⊢						
IWARN .	JCID LRIP	1	FY 08	Α	150		150		Н											Α				$\vdash$		┢	10	20	20	20	20	60
	JCID LRIP	1	FY 08	AF	150		150		Н											A						Н	10	_	_	_	20	60
	7 0 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3																									Т						
																								L		L		L				
									Ш															┡		┡	_	_				
									Ш	_														_		┡	_					
																										⊢	_					
									Н																	⊢	-					
									Н															$\vdash$		┢	+					
									Н																	Н						
									Н																							
									П																	Т						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ON RATES										I	LEAD	TIME	S					ТОТА	L		REM	ARKS					
														Admini	_				Produ	iction												
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM						ior 1 C	)ct	Ai	fter 1 C				1 Oct		A	fter 1		4							
1	Northrop Grumman Corporation		1		8	50	Е		nitial / I				0/0			3/0				/ 8			8 / 8		4							
2	Unknown		1		8	1200	Е	Iı	nitial / I	Reorde	er		4/0			0/0			5	/ 5			5 / 5		-							
																									-							
																									1							
																									1							
																									1							

	E 192 DA1 D 1	4° G				P-1 Item	Nomenclati		1) 101	NE V	WA DA	m.c	0 DI	EDOD			EWO	DIZ /I	W A D	N.T.				Date:			Г		2000			
	Exhibit P21, Produc	ction S	chedule				(G	4/10	1) JOI	NT V	VARN			EPOR Year		j NE	rwo	RK (J	WAR	(N)				ı	iscal	Year		bruary	7 2008	3		
				S	PROC	ACCEP	BAL									lenda	r Yea	ır 09										Year 1	10			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	0	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
IWADN	JCID LRIP	1	FY 08	A	150	90	60	25	25	10																┢						
	JCID LRIP	1	FY 08	AF	150	90	60	25		10																$\vdash$						
	JCID FRP	2	FY 09	A	5000		5000	A				400		400	400			400					_	_	_	┡		_				
JWARN -	JCID FRP	2	FY 09	AF	5000		5000	A				400	400	400	400	400	400	400	400	400	400	400	600	$\vdash$	$\vdash$	┢		$\vdash$				
																										$\vdash$						
																								_		┡						
																								$\vdash$		⊢		$\vdash$				
																										┢						
																								⊢		⊢		⊢				
																										┢						
																										⊢						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ON RATES										]	LEAD	TIME	S					ТОТА	L		REM	ARKS					
														Admin						uction												
Number 1	NAME/LOCATION  Northrop Grumman Corporation		MIN. 1		1-8-5 8	MAX. 50	UOM E	т.	nitial / F	Daord.	ar		ior 1 C		A	fter 1 C				1 Oct		A	fter 1 (		1							
2	Unknown		1		8	1200	E E		nitial / F				4/0			0/0				/ 8 / 5			5/5		1							
																									1							
																									4							
																									1							
																									1							
																									1							

Exhibit P-40, Budg	et Item Justif	ication Shee	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	/CHEM-BIO DE	FENSE		P-1 Item Nome		0) JOINT BIO P	OINT DETEC	TION SYSTE	M (JBPDS)	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost	377.4	105.3	80.8	75.8	111.0	111.0	100.6	99.5	Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	377.4	105.3	80.8	75.8	111.0	111.0	100.6	99.5	Continuing	Continuing
Initial Spares										
Total Proc Cost	377.4	105.3	80.8	75.8	111.0	111.0	100.6	99.5	Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: The Joint Biological Point Detection System (JBPDS) provides continuous, rapid, and fully automated collection, detection and identification of biological warfare agents. The JBPDS fully integrates a biological agent detection system, cyclone collector, fluid transfer system, biological agent detection system, and automated hand held assay reader into a biological sensor suite. The sensor suite, operated by two onboard controllers and a touchpad screen display, also includes commercial telemetry. The system can be controlled and monitored locally and remotely, and automatically interfaces with global positioning, meteorological, and communication systems. It is fully hardened and configured for a variety of service designated mobile platforms and battle spaces, including surface ships, wheeled vehicles, air base, and man portable applications. The JBPDS's four configuration specific nomenclatures are XM 96 Man Portable, XM 97 Shelter Vehicle, XM 98 Ship, and XM 102 trailer mounted configuration. JBPDS provides both: (1) a means to limit the effects of Biological Warfare Agent attacks and the potential for catastrophic effects to U.S. forces; and, (2) assistance to medical personnel in determining effective preventive measures, prophylaxis, and the appropriate treatment if exposure occurs. While, it is a first time defense capability for the US Marine Corps (JLNBCRS) and US Air Force, the JBPDS replaces interim capabilities provided to the US Navy (Interim Biological Agent Detection System (IBADS)), and the Army (BIDS NDI and BIDS P3I).

**JUSTIFICATION:** FY09 funds the procurement of 67 JBPDS systems. Configuration breakout is as follows: XM 96 Manportable (12); XM 97 Shelter Vehicle (35); XM 98 Ship (9), XM 102 Trailer (11).

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2008
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		(JC010	00) JOINT BIO POINT DETECTION SYSTEM (JBPDS)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj BJ4 and Proj CA4; 0604384BP/Proj BJ5 and Proj CA5	В			

The Joint Biological Point Detection System (JBPDS) provides continuous, rapid, and fully automated collection detection and identification of biological warfare agents. The JBPDS fully integrates a cyclone collector, fluid transfer system, generic detection system, and automated hand held assay reader into a biological sensor suite. The sensor suite, operated by two onboard controllers and a touchpad screen display, also includes commercial telemetry, global positioning, meteorological, and network modem devices. The system can be controlled and monitored locally and remotely, and automatically interfaces with global positioning, meteorological, and communication systems. It is fully hardened and configured for a variety of service designated mobile platforms and battlespaces, including surface ships, wheeled vehicles, air base, and man portable applications. The JBPDS's four configuration specific nomenclatures are XM 96 Man Portable, XM 97 Shelter Vehicle, XM 98 Ship, and XM 102 trailer mounted configuration. JBPDS provides both: (1) a means to limit the effects of Biological Warfare Agent attacks and the potential for catastrophic effects to U.S. forces; and, (2) assistance to medical personnel in determining effective preventive measures, prophylaxis, and the appropriate treatment if exposure occurs. It is a first time defense capability for the US Marine Corps and US Air Force and replaces interim capabilities provided to the US Navy (Interim Biological Agent Detection System (IBADS)) and the Army (BIDS NDI and BIDS P3I).

RDT&E FY06 and Prior - 124.8M; FY07 - 1.9M; FY09 - 5.4M; FY10 - 7.5M; FY11 - 6.9M; FY12 - 10.0M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	SIANI	COMPLETE
Interim System Production - LRIP	4Q FY04	2Q FY09
Follow-On Operational Test and Evaluation (FOT&E)	4Q FY07	1Q FY08
MS C Full Rate Production Decision	1Q FY09	1Q FY09
Full Rate Production	2Q FY09	Continuing

COMPLETE

CTART

Exhibit P-5, Weapon WPN SYST Cost Analysis		 _	Activity/Serial N		(JC0100)	Item Nomencla ) JOINT BIO PO /I (JBPDS)		TON	Weapon Syster	т Туре:	Date: Febru	uary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JBPDS - XM 96 XM 96 Manportable	В									4744	12	395
JBPDS - XM 97 XM 97 Shelter Vehicle	В			23560	76	310	16709	49	341	12104	35	346
JBPDS - XM 98 XM 98 Ship	В			3566	11	324	3950	11	359	3319	9	369
JBPDS - XM 102 XM 102 Trailer 3KW Gen NATO Slave Cable M103 Trailer	В									4390 42 9 70	11 11	399 3.818 0.818 6.364
JBPDS - M31E2 HMMWV Shelters Radios Auxiliary Equipment Shelter Modification Lead				5644 1622 3438 15113 6109	56 56 56 56	101 28.964 61.393 270	2888 830 1759 7734 4017	28 28 28 28 28	29.643 62.821 276	3689 1060 2247 9879 3994	35 35	105 30.286 64.200 282 114
OTHER COSTS In-House Assembly Follow-On Test Quality Assurance Engineering Support Interim Contractor Support Initial Spares System Fielding Support Engineering Change Orders				2306 18598 513 7679 2836 9335 5014			4984 3710 775 8364 3063 9567 6843 5595			4498 537 7505 304 9250 7330 807		
TOTAL				105333			80788			75778		

	Exhibit P-5a, Budget	Procurement His	story and Planning					Date:	February 200	)8
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFEN	SE-WIDE/3/CHEM-BIO DEFENSE	Weapon System Type	e:			tem Nomeno 100) JOINT		DETECTION S	SYSTEM (J	BPDS)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
XM 96 Manportable										
FY 09	General Dynamics ATP, Charlotte, NC	C/FFP	RDECOM, Edgewood, MD	Feb-09	Jul-10	12	395333	Yes		
XM 97 Shelter Vehicle										
FY 07	General Dynamics ATP, Charlotte, NC	C/FFP/OPT 3	RDECOM, Edgewood, MD	Dec-06	Feb-08	76	310000	Yes		
FY 08	General Dynamics ATP, Charlotte, NC	C/FFP	RDECOM, Edgewood, MD	Feb-08	Jan-09	49	341000	Yes		
FY 09	General Dynamics ATP, Charlotte, NC	C/FFP	RDECOM, Edgewood, MD	Feb-09	Feb-10	35	345829	Yes		
XM 98 Ship										
FY 07	General Dynamics ATP, Charlotte, NC	C/FFP/OPT 3	RDECOM, Edgewood, MD	Dec-06	Feb-08	11	324182	Yes		
FY 08	General Dynamics ATP, Charlotte, NC	C/FFP	RDECOM, Edgewood, MD	Feb-08	Feb-09	11	359091	Yes		

	Exhibit P-5a, Budget	Procurement Hi	story and Planning					Date:	ebruary 200	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-	WIDE/3/CHEM-BIO DEFENSE	Weapon System Typ	e:			tem Nomeno 100) JOINT	clature: BIO POINT I	DETECTION S	SYSTEM (J	BPDS)
VBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
XM 98 Ship (cont)										
FY 09	General Dynamics ATP, Charlotte, NC	C/FFP	RDECOM, Edgewood, MD	Feb-09	Feb-10	9	368778	Yes		
XM 102 Trailer										
FY 09	General Dynamics ATP, Charlotte, NC	C/FFP	RDECOM, Edgewood, MD	Feb-09	Jul-10	11	410091	Yes		
REMARKS: LRIP thru FY08.										

						P-1 Item	Nomenclat	ure:															]	Date:								
	Exhibit P21, Produ	ction S	chedule					(JC0	100) J	OINT	г віо	POIN	NT D	ETEC	CTIO	N SYS	STEN	I (JBI	PDS)								Fel	bruary	2008	;		
												Fi	scal '	Year	07									F	iscal	Year	08					
				S	PROC	ACCEP	BAL								Cal	lenda	r Yea	ır 07							(	Calen	dar Y	Zear 0	8			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
																										_					_	
XM 102	Гrailer	3	FY 05	AF	3		3				3															┡					-	
																										┡					-	
	helter Vehicle	3	FY 06	A	63		63							7	7	7	7	7	7	7	7	7				⊢					$\dashv$	
	helter Vehicle	3	FY 06	AF	13		13													2	3	4	4			┢					$\dashv$	
	helter Vehicle	3	FY 06	MC	16		16					4	4	2			2	2	2							┢					_	
XM 98 S	nip	3	FY 06	N	19		19					4	3	4		2	2	2	2							$\vdash$					$\dashv$	
XM 97 S	helter Vehicle	4	FY 07	A	56		56			Α														7	7	7	7	7	7	7	7	
	helter Vehicle	4	FY 07	AF	20		20			A														,	,	<u>'</u>	1	1	1	2	3	12
XM 98 S		4	FY 07	N	11		11			A														2	2	2	2	2	1	-	J	
	F																							Ī	Ī	Ť	Ī		Ť		┪	
XM 97 S	helter Vehicle	1	FY 08	A	49		49																	Α								49
XM 98 S	hip	1	FY 08	N	11		11																	Α								11
																										L						
																										_					_	
																										┡					_	
																										┡					_	
																										-					_	
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ON RATES										]	LEAD	TIME	S				7	ТОТА	L		REM	ARKS					
													Α	Admini	istrativ	ve			Produ	ıction							•			PA fun		
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C	Oct	A:	fter 1 (	Oct		After	1 Oct		A	fter 1 (	Oct				197 Sh Shelte		n FY08	and 4	0
1	General Dynamics ATP, Charlotte, NC		4		10	24	Е	Iı	nitial / I	Reorde	er		0/0			4 / 4			13	/ 13			17 / 1	7	addi	шопаг	AM9/	Sileite	18 III F	109.		
2	General Dynamics ATP, Charlotte, NC		4		10	24	E	_	nitial / I				7/0			10 / 0				/ 0		_	25 / 0									
3	General Dynamics ATP, Charlotte, NC		4		10	24	Е	_	nitial / I				0/0			5 / 4				/ 12			17 / 10									
4	General Dynamics ATP, Charlotte, NC		4		10	24	Е	Iı	nitial / I	Reorde	er		0/0			2/0			15	/ 0			17 / 0	)	-							
																									-							
																									ł							
																									1							

	Fullikit D21 Duo Juo	4 a. C	ah a duda			P-1 Item	Nomenclati		100) 1	OINT	r dio	DOD.	UT D	ETE(	TIO	NI CX/	CTEA	И (JBI	DC)					Date:			Fo.	bruary	2009	,		
	Exhibit P21, Produc	uon S	cnedule					(JC0	100) J	OIN	ПВІО			Year		N S I	SIEN	I (JDI	·DS)					F	iscal	Year		bruary	2008	<b>S</b>		
				S	PROC	ACCEP	BAL								Cal	lenda	r Yea	ır 09								Calen	dar Y	Year 1	0			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
XM 97 SI	nelter Vehicle	4	FY 07	AF	20	8	12	4	4	4																						
XM 97 SI	nelter Vehicle	1	FY 08	A	49		49					7	7	7	7	2	2	3	3	3	2	3	3									
XM 98 SI	nip	1	FY 08	N	11		11					2	2	2	2	2	1									_			_			
	anportable	1	FY 09	AF	12		12					A												_	_			_	2	2	2	6
XM 97 SI XM 98 SI	nelter Vehicle nip	1	FY 09 FY 09	A N	35 9		35 9					A A												7	7	7	7	7	1			
XM 102 7	Crailer Craile	1	FY 09	AF	11		11					A																	1	2		8
																										H						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES											LEAD	TIME						TOTA	L	73.4	REM.				<b>D</b>		
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pr	ior 1 C	Admini Oct		ve fter 1 (	Oct		Produ After	1 Oct		А	fter 1	Oct	16 a	dditio	nal XI		elters	in FY08		orocure 40
1	General Dynamics ATP, Charlotte, NC		4		10	24	E		nitial / l				0/0			4/4				/ 13			17 / 1		addi	itional	XM9/	Shelte	rs in F	Y 09.		
3	General Dynamics ATP, Charlotte, NC General Dynamics ATP, Charlotte, NC		4		10	24 24	E E	_	nitial / ] nitial / ]				7/0 0/0			10 / 0 5 / 4				/ 0 / 12			25 / ( 17 / 1		1							
4	General Dynamics ATP, Charlotte, NC		4		10	24	Е	_	nitial / l				0/0			2/0				/ 0			17 / 0		1							
																									1							
																									1							

	E-13124 D21 D J	4' G	-1 11-			P-1 Item	Nomenclati		100) 1	ODY	r DIO	DOD	AT D	CTEC	TION	V CX/	TEL	4 /IDI	DC)					Date:			E.		2000	,		
	Exhibit P21, Produc	tion S	cneauie					(JC0	100) J	OIN	ВІС		scal Y			N 5 1 2	SIEN	I (JBF	עא)					F	iscal	Year		bruary	/ 2008	8		
				S	PROC	ACCEP	BAL									endaı	r Yea	r 11										Year 1	2			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
VM 06 M	anportable	1	FY 09	AF	12	6	6	4	2																H	H						
XM 102 T	•	1	FY 09	AF	11	3	8	4	2	3	3															Н						
71111102 1	Tallo!	·	110)	711	- 11	3	Ü		2	5	3																					
																										Г						
																										L						
																														Ш		
																								_		╙						
		_																						-	_	⊢						
																										⊢						
																								$\vdash$	$\vdash$	⊢				Н		
																										$\vdash$				Н		
																										Н						
																														Н		
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ON RATES										I	LEAD	TIME	S					ТОТА	L		REM	ARKS					
													А	Admini	istrativ				Produ	action					PM				rmy C	PA fun	ds to p	procure
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C	)ct	Af	fter 1 C	Oct		After	1 Oct		A	fter 1	Oct						in FY08	and 4	10
1	General Dynamics ATP, Charlotte, NC		4		10	24	Е	Iı	nitial / ]	Reorde	er		0/0			4/4			13	/ 13			17 / 1	7	add	itional	XM97	Shelte	rs in F	Y09.		
2	General Dynamics ATP, Charlotte, NC		4		10	24	Е	Iı	nitial / ]	Reorde	er		7/0			10/0			15	/ 0			25 / 0	)	1							
3	General Dynamics ATP, Charlotte, NC		4		10	24	Е	_	nitial / l				0/0			5 / 4				/ 12			17 / 1		4							
4	General Dynamics ATP, Charlotte, NC		4		10	24	Е	Iı	nitial / ]	Reorde	er		0/0			2/0			15	/ 0			17 / 0	)	4							
																									1							
																									1							
																									]							

Exhibit P-40, Budgo	et Item Justifi	ication Shee	t		I	Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	/CHEM-BIO DE	FENSE		P-1 Item Nome (JC0101) JS		L/BIOLOGICA	L/RADIOLOG	ICAL AGEN	Γ WATER MO	NITOR (JCB
Program Elements for Code B Items:		Code:	Other Relate	d Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty			300	1300	50					1650
Gross Cost			5.0	6.0	3.2					14.2
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)			5.0	6.0	3.2					14.2
Initial Spares										
Total Proc Cost			5.0	6.0	3.2					14.2
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: The JCBRAWM will provide the ability to detect, identify, and quantify chemical, biological, and radiological (CBR) contamination during three water-monitoring missions: source site selection/reconnaissance, treatment verification, and quality assurance of stored and distributed product water. The JCBRAWM program employs an evolutionary acquisition approach structured to provide four increments of capability. Increment 1 will provide the capability to detect two biological agents using immunoassays and to detect alpha and beta radiation using components of the fielded AN/PDR-77 system and accessory package. Increment 2 will provide capability to detect eight additional biological agents using a sample concentrator. Increment 2 will also detect chemical agents to the Tri-Service standard using a sample concentrator to enhance performance of the existing M272 Water Test Kit. Increment 3 will provide a new detection system to replace the M272 Water Test Kit capable of batch sampling and detection of chemical warfare agents to include non-traditional agents (NTAs) and toxic industrial chemicals (TICs). Increment 4 will provide a capability for in-line monitoring of water to detect chemical, biological, and radiological agents. Increment 4 will replace the three previous increments for most applications.

JUSTIFICATION: The FY09 JCBRAWM procurement funding will procure Increment 1 JCBRAWM Full Rate Production (FRP) kits; 1300 kits and 31,000 spare assays.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2008
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		(JC0101) JS CHEMIC	AL/BIOLOGICAL/RADIOLOGICAL AGENT WATER MONITOR (JCB
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj CA4; 0604384BP/Proj CA5				

The JCBRAWM will provide the ability to detect, identify, and quantify chemical, biological, and radiological (CBR) contamination during three water-monitoring missions: source site selection/reconnaissance, treatment verification, and quality assurance of stored and distributed product water. The JCBRAWM program employs an evolutionary acquisition approach structured to provide four increments of capability. Increment 1 will provide the capability to detect two biological agents using immunoassays and to detect alpha and beta radiation using components of the fielded AN/PDR-77 system and accessory package. Increment 2 will provide capability to detect eight additional biological agents using a sample concentrator. Increment 2 will also detect chemical agents to the Tri-Service standard using a sample concentrator to enhance performance of the existing M272 Water Test Kit. Increment 3 will provide a new detection system to replace the M272 Water Test Kit capable of batch sampling and detection of chemical warfare agents to include non-traditional agents (NTAs) and toxic industrial chemicals (TICs). Increment 4 will provide a capability for in-line monitoring of water to detect chemical, biological, and radiological agents. Increment 4 will replace the three previous increments for most applications.

RDT&E FY06 and Prior - 7.4M; FY07 - 5.3M; FY08 - 2.2M; FY09 - 4.1M; FY10 - 1.7M

DEVELOPMENT/TEST STATUS AND MAIOR MILESTONES

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	SIAKI	COMPLETE
Operational/Development Test Increment 1	2Q FY07	1Q FY08
MS C Increment 1 Low Rate Initial Production	2Q FY08	2Q FY08
MS C Increment 1 Full Rate Production (FRP) Decision	2Q FY09	2Q FY09

COMPLETE

TAAT

Exhibit P-5, Weapon  WPN SYST Cost Analysis		 -	Activity/Serial N SE-WIDE/3/CHE		(JC0101 CHEMIO		CAL/RADIOLO	OGICAL	Weapon Syster	n Type:	Date: Febru	uary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JCBRAWM INC 1 LRIP  Engineering Spt (Gov't) Production Qualification Test (PQT) Technical Manuals Inc 1 LRIP - Bio Assay Tickets Spares System Fielding Support (Total Package Fielding, First Destination Transportation and New Equipment Training) Inc 1 LRIP JCBRAWM Kit  JCBRAWM INC 1 FRP Engineering Spt (Gov't) Inc 1 FRP - Bio Assay Tickets Spares System Fielding Support (Total Package Fielding, First Destination Transportation and New Equipment Training) Inc 1 FRP JCBRAWM Kit							600 2116 700 650 150 800	300		551 1550 317 3600	31000	0.050 2.769
TOTAL							5016			6018		

Exhibit P-5a, Budget	Procurement Hi	story and Planning					Date: F	ebruary 200	)8
E/3/CHEM-BIO DEFENSE	Weapon System Typ	pe:				IICAL/BIOLC			L AGENT
Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
ANP Technologies, Inc., Newark, DE	C/FFP	RDECOM, APG, MD	Jan-08	Apr-08	13000	50	Yes		
Unknown	C/FFP	RDECOM, APG, MD	May-08	Jul-08	300	2667	Yes		
ANP Technologies, Inc., Newark, DE	C/FFP	RDECOM, APG, MD	Jan-09	Apr-09	31000	50	Yes		
Unknown	C/FFP	RDECOM, APG, MD	Jan-09	Apr-09	1300	2769	Yes		
	Contractor and Location  ANP Technologies, Inc., Newark, DE  Unknown  ANP Technologies, Inc., Newark, DE	E/3/CHEM-BIO DEFENSE  Contractor and Location  Contract Method and Type  ANP Technologies, Inc., Newark, DE  Unknown  C/FFP  ANP Technologies, Inc., Newark, DE	Contract Method and Type  ANP Technologies, Inc., Newark, DE  Unknown  C/FFP  RDECOM, APG, MD  C/FFP  RDECOM, APG, MD  ANP Technologies, Inc., C/FFP  RDECOM, APG, MD  ANP Technologies, Inc., C/FFP  RDECOM, APG, MD	Weapon System Type:    Contractor and Location   Contract Method and Type   Location of PCO   Award Date	Weapon System Type:  Contract Method and Type  Contract Method and Type  Contract Method ANP Technologies, Inc., Newark, DE  Unknown  C/FFP RDECOM, APG, MD  Jan-08  Jul-08  ANP Technologies, Inc., Newark, DE  C/FFP RDECOM, APG, MD  Jan-09  Apr-09  Apr-09	Weapon System Type:  Contract Contract Method and Type  ANP Technologies, Inc., Newark, DE  Unknown  C/FFP  RDECOM, APG, MD  ANP Technologies, Inc., C/FFP  RDECOM, APG, MD  APR-09  31000	Weapon System Type:    Contractor and Location   Contract Method and Type   RDECOM, APG, MD   Jan-08   Jul-08   Jul-08   300   2667     ANP Technologies, Inc., Newark, DE   C/FFP   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50     ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   Apr-09   Apr-09	Exhibit P-5a, Budget Procurement History and Planning  Weapon System Type:  Contractor and Location  Contract Method and Type  ANP Technologies, Inc., Newark, DE  Unknown  C/FFP  RDECOM, APG, MD  ANP Technologies, Inc., Newark, DE  RDECOM, APG, MD  ANP Technologies, Inc., Newark, DE  RDECOM, APG, MD  Jan-09  Apr-09  Jan-09  Apr-09  Jan-09  Apr-09  Jan-09  Apr-09  Jan-09  Apr-09  Jan-09  Apr-09  Apr-09  Jan-09  Apr-09  Apr-09	EZI/CHEM-BIO DEFENSE    Weapon System Type:   Contractor and Location   Contract Method and Type   RDECOM, APG, MD   Jan-08   Jul-08   Jul-08   Apr-09   31000   50   Yes   ANP Technologies, Inc., Newark, DE   RDECOM, APG, MD   Jan-09   Apr-09   31000   50   Yes   Apr-09   Silver   Apr-09   31000   50   Yes   Apr-09   Apr-09

Parish   P		E 104 P4 P 1					•	Nomenclati					~			~~~		~~~							Date:	:		_		• • • •			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Exhibit P21, Produc	tion S	chedule			(JC	0101) JS CI	HEMI	ICAL/	BIOL	LOGIO					AL A	GEN'	ΓWA	TER .	MON.	ITOR	R (JCI	В					bruar	/ 2008	3		
Note the contine the late of									_				Fi	scal \	Year									_	]								Ť
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$																Cal	lenda	r Yea	ar 07				_	_	_	_	Cale	ndar `	Year (	)8			
1.0  In  1.0  Leg columns ] 1.0		COST ELEMENTS	F	FY	R		TO	AS OF	C	О	Е	Α	Е	Α	P	Α	U	Ü	U	S E P	O C T	0	Е		F E B	Α	P	Α	U	J U L	U	Е	Е
1.0  In  1.0  Leg columns ] 1.0																																	
$ \begin{tabular}{                                      $	Inc 1 LRI	P - Bio Assay Tickets Spares	1			7800		7800																Α		_	900	900	900	600	600	600	3300
$ \begin{tabular}{                                      $																										_	200	200	200	200	200	200	1400
$ \begin{tabularDarded} $ \Gamma \  \  \  \  \  \  \  \  \  \  \  \  \$																								A			200		200	_			1400
$ \begin{tabulara}{ c c c c c c c c c c c c c c c c c c c$			_		_																				-	-	╄	_		40			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$																								-		-	╄	_					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Inc 1 LRI	P JCBRAWM Kit	2	FY 08	N	50		50																			╄	A			10	10	30
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$																	_							-	-	+	╄		_				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$											$\vdash$							$\vdash$						╀		+	╀	+	$\vdash$				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$																									-	_	+						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$																									$\vdash$	+	╆		-				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$																									$\vdash$	+	╫						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$																										+	╫						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$																										+	╫						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$																								┢		+	╫						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$																																	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$																		Н							+	+	╈	_					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$																									+	+	┿						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$																											+						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$																											╆						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$																											╈						
Number         NAME/LOCATION         MIN.         1-8-5         MAX.         UOM         Admintage         Prior 1 Oct         After 1 Oct         After 1 Oct         After 1 Oct           1         ANP Technologies, Inc., Newark, DE         100         7500         20000         E         Initial / Reorder         0 / 0         3 / 3         4 / 4         7 / 7									С	N O V	Е		Е	Α	P		U	U	U	Е	C	N O V	Е	J A N		Α	A P R	M A Y	J U N	U	U	Е	
Number         NAME/LOCATION         MIN.         1-8-5         MAX.         UOM         Admintage         Prior 1 Oct         After 1 Oct         After 1 Oct         After 1 Oct           1         ANP Technologies, Inc., Newark, DE         100         7500         20000         E         Initial / Reorder         0 / 0         3 / 3         4 / 4         7 / 7	MFR			PR	ODUCT	ON RATES										]	LEAD	TIME	ES					TOTA	L		REM	IARKS					
1 ANP Technologies, Inc., Newark, DE 100 7500 20000 E Initial / Reorder 0 / 0 3 / 3 4 / 4 7 / 7														Α	Admini	istrativ	ve			Prod	uction												
	Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C	Oct	Α	fter 1 (	Oct		After	1 Oct		Α	fter 1	Oct								
2         Unknown         5         600         2000         Initial / Reorder         0 / 0         7 / 3         3 / 4         10 / 7           8         1 </td <td>1</td> <td>ANP Technologies, Inc., Newark, DE</td> <td></td> <td>100</td> <td></td> <td>7500</td> <td>20000</td> <td>Е</td> <td>Iı</td> <td>nitial /</td> <td>Reorde</td> <td>er</td> <td></td> <td>0/0</td> <td></td> <td></td> <td>3/3</td> <td></td> <td></td> <td>4</td> <td>/ 4</td> <td></td> <td></td> <td>7/7</td> <td>,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	1	ANP Technologies, Inc., Newark, DE		100		7500	20000	Е	Iı	nitial /	Reorde	er		0/0			3/3			4	/ 4			7/7	,								
	2	Unknown		5		600	2000		Iı	nitial /	Reorde	er		0/0			7/3			3	/ 4			10 / 7	7								
																										4							
																										_							
																										4							
																										4							
																							L										

							Nomenclat																	Date:								
	Exhibit P21, Produc	ction S	chedule			(JC	0101) JS C	HEMI	[CAL	BIOI	LOGI	CAL/	RADI	IOLO	GICA	AL AC	GENT	'WA'	ΓER I	MON	ITOR	(JCE	3				Fe	bruary	2008	3		
												F	iscal `	Year	09									I	iscal	Year	10					
				S	PROC	ACCEP	BAL								Cal	enda	r Yea	r 09								Cale	ıdar Y	ear 1	.0			L A
		M F	FY	E R	QTY Each	PRIOR TO	DUE AS OF	0		D	J	F	M	A	M	J	J	A U	S E	0	N	D	J	F	M		M	J	J	A	S	Т
	COST ELEMENTS	R		V	Lacii	1 OCT	1 OCT	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	E R
In a LL DI	D. Die Asses Tislants Course	1	FY 08	Α.	7800	4500	3300	600	600	600	600	500	400																			
	P - Bio Assay Tickets Spares P - Bio Assay Tickets Spares	1	FY 08 FY 08	A AF	2600	1200	1400	200	_	200	300	300		$\vdash$			_			_					$\vdash$	╫						
	P - Bio Assay Tickets Spares P - Bio Assay Tickets Spares	1	FY 08	Ar N	2600	1200	1400	200	200	200	300	300	200											$\vdash$		┢						
	P JCBRAWM Kit	2	FY 08	A	200	110	90	30			300	500	200													-						
	P JCBRAWM Kit	2	FY 08	AF	50	20	30	10		10																╈						
	P JCBRAWM Kit	2	FY 08	N	50	20	30	10		10																╈						
me i Eki	- vosaciini ilit	<u> </u>	1100	.,	50	20	50	10	10	10																						
Inc 1 FRF	P - Bio Assay Tickets Spares	1	FY 09	A	23704		23704				Α			2100	2100	2000	1950	1950	1950	1950	1950	1950	1950	1950	1904							
	P - Bio Assay Tickets Spares	1	FY 09	AF	3648		3648				A			300	300	300	_	300	300	300	300		300	300	348	$\top$						
	P - Bio Assay Tickets Spares	1	FY 09	N	3648		3648				Α			300	300	300	300	300	300	300	300	300	300	300	348							
	JCBRAWM Kit	2	FY 09	Α	900		900				Α			50	50	50	70	80	100	100	100	100	100	100								
Inc 1 FRF	JCBRAWM Kit	2	FY 09	AF	200		200				Α			20	20	20	20	20	20	20	20	20	20									
Inc 1 FRF	JCBRAWM Kit	2	FY 09	N	200		200				Α			20	20	20	20	20	20	20	20	20	20									
																										L						
																										┖						
																										_						
								О	N	D	J	F	M	A	M	J	J	A	S	О	N	D	J	F	M	Α	M	J	J	A	s	
								С	О	Е	Α	Е	Α	P	Α	U	U	U	Е	С	О	Е	Α	Е	Α	P	A Y	U N	U	U	Е	
								T	V	С	N	В	R	R	Y	N	L	G	P	Т	V	С	N	В	R	R	Y	N	L	G	P	
MFR			PR	ODUCT	ION RATES										I	LEAD	TIME	s				·	ТОТА	L		REM	ARKS					
													A	Admin					Produ	iction												
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM						ior 1 C	Oct		fter 1 C	Oct			1 Oct		A	fter 1		4							
1	ANP Technologies, Inc., Newark, DE		100		7500	20000	Е		nitial /				0/0			3/3				/ 4			7/7		-							
2	Unknown		5		600	2000		Iı	nitial /	Reord	er		0/0			7/3			3 /	/ 4			10 / 7	7	4							
																									-							
																						H			1							
																									1							
																									1							
																						$\vdash$			1							
																						$\vdash$			1							

Exhibit P-40,	Budget Item Justif	ication She	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-V	WIDE/3/CHEM-BIO DE	FENSE		P-1 Item Nome	enclature	(JC0208) JOI	NT EFFECTS	MODEL (JEM	ſ)	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty		2452	4541	5340						12333
Gross Cost	3.0	2.1	3.5	4.4					Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	3.0	2.1	3.5	4.4					Continuing	Continuing
Initial Spares										
Total Proc Cost	3.0	2.1	3.5	4.4					Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: Joint Effects Model (JEM) are in separate increments and is capable of modeling hazards in a variety of scenarios including: counterforce, passive defense, accident and/or incidents (Increment 1), high altitude releases, urban Nuclear, Biological, and Chemical (NBC) environments (Increment 2), building interiors, and human performance degradation (Increment 3). Battle space commanders and first responders must have a CBRN hazard prediction capability in order to make decisions that will minimize risks of Chemical, Biological, Radiological, and Nuclear (CBRN) contamination and enable them to continue mission operations. The JEM is DoD's only accredited model for predicting hazards associated with the release of contaminants into the environment. JEM will operate in an integrated fashion with operational and tactical C4ISR systems, and in a standalone mode. JEM will interface and communicate with the other programs such as JPEO-CBD Joint Warning and Reporting Network (JWARN), the Joint Operational Effects Federation (JOEF), weather systems, intelligence systems, and various databases.

**JUSTIFICATION:** FY09 procures 5340 Increment 1 software copies at 14 separate Command and Control systems. Procurement of software will also include software fixes, updates and maintenance to the JEM baseline software to ensure JEM continues to evolve along with required host Service C4I systems upgrades.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2008
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE			(JC0208) JOINT EFFECTS MODEL (JEM)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0604384BP/Proj IS5	В			PE 0604384BP, Project CA5

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES

Joint Effects Model (JEM) are in separate increments and is capable of modeling hazards in a variety of scenarios including: counterforce, passive defense, accident and/or incidents (Increment 1), high altitude releases, urban Nuclear, Biological, and Chemical (NBC) environments (Increment 2), building interiors, and human performance degradation (Increment 3). Battle space commanders and first responders must have a CBRN hazard prediction capability in order to make decisions that will minimize risks of Chemical, Biological, Radiological, and Nuclear (CBRN) contamination and enable them to continue mission operations. The JEM is DoD's only accredited model for predicting hazards associated with the release of contaminants into the environment. JEM will operate in an integrated fashion with operational and tactical C4ISR systems, and in a standalone mode. JEM will interface and communicate with the other programs such as JPEO-CBD Joint Warning and Reporting Network (JWARN), the Joint Operational Effects Federation (JOEF), weather systems, intelligence systems, and various databases.

RDT&E FY06 and Prior - 28.8M; FY07 - 6.8M; FY08 - 14.4M; FY09 - 14.8M; FY10 - 14.4M; FY11 - 6.5M; FY12 - 6.9M; FY13 - 7.3M

	511111	001.11 2212
Increment 1 - M/S C	4Q FY07	4Q FY07
Increment 1 - Production and Deployment	4Q FY07	3Q FY09
Increment 1 - Limited Deployment Phase	4Q FY07	2Q FY08
Increment 1 - Multiservice Operational Test and Eval (MOTE) I	1Q FY08	1Q FY08
Increment 1 - Initial Operational Capability (IOC)	2Q FY08	4Q FY08
Increment 1 - Full Rate Production	2Q FY08	4Q FY08
Increment 1 - Follow-on Test and Evaluation	3Q FY08	2Q FY09
Increment 1 - Multiservice Operational Test and Eval (MOTE) II	4Q FY08	4Q FY08
Increment 2 - Software Development	1Q FY08	2Q FY10

COMPLETE

**START** 

Exhibit P-5, Weapon WPN SYST Cost Analysis			activity/Serial N SE-WIDE/3/CHE			Item Nomencla		EM)	Weapon Syster	т Туре:	Date: Febru	ary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JEM - INCREMENT 1 Software & Installation (Contractor) Technical Engineering Support System Fielding Support (Total Package Fielding, First Destination Transportation & New Equipment Training) (NET)). Software Pre-Planned Product Improvement  Government Engineering Support	A			567 489 994	2452	0.231	881 465 1192 974		0.194	1308 737 2314		0.245
TOTAL				2050			3512			4359		

	Exhibit P-5a, Budget I	Procurement H	istory and Planning					Date:	February 200	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WID	E/3/CHEM-BIO DEFENSE	pe:		P-1 Line I	em Nomeno (JC0208		ECTS MODE	L (JEM)		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
Software & Installation (Contractor) FY 07	Northrop Grumman Defense Mission Systems, Inc., Reston, VA	C/CPAF	SPAWARSYSCOM, San Diego, CA	Feb-07	Mar-07	2452	231	Yes	Jul-06	Sep-00
FY 08	Northrop Grumman Defense Mission Systems, Inc., Reston, VA	C/CPAF	SPAWARSYSCOM, San Diego, CA	Jan-08	Feb-08	4541	194	Yes	Jul-07	Sep-0'
FY 09	Unknown	C/CPAF	SPAWARSYSCOM, San Diego, CA	Feb-09	Mar-09	5340	245	Yes	Jun-08	Aug-0

	Exhibit P21, Produ	ration S			P-1 Item	Nomenclat	ure:	(	TC02	08) JC	NINT	EEEE	CTS	MOI	DEL (	TEM	)						Date:	:		Fo	bruary	, 2009	2			
	Exhibit F21, F10du	iction S	chedule						(.	3002	00) 30			Year (		DEL (	JEW	,						]	Fiscal	Year		oruary	2000	,		
				S	PROC	ACCEP	BAL								Cal	lenda	r Yea	ır 07								Cale	ndar `	Year (	8			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
9.6	0 X - 10 i - (G )		F71.05		1.500		1.500																	┡	-	┡	-					
	& Installation (Contractor) & Installation (Contractor)	1 1	FY 07 FY 07	A AF	1600 852		1600 852					A	200	200 107	200 107	200 107	200 107	200 107	200 107	200 103			$\vdash$		+	+		$\vdash$	$\vdash$			
Software	x instanation (Contractor)	1	1.1 07	AI	632		632					A	107	107	107	107	107	107	107	103												
Software	& Installation (Contractor)	1	FY 08	Α	2277		2277																Α		284	284	284	284	284	284	284	289
Software	& Installation (Contractor)	1	FY 08	AF	2000		2000																Α		250	250	250	250	250	250	250	250
Software	& Installation (Contractor)	1	FY 08	MC	48		48																A		48							
Software	& Installation (Contractor)	1	FY 08	N	216		216																A		216							
																							┡		╄	┺	_					
																							-		-	╄		-				
																							┢		+-	╀		┢				
																							$\vdash$		+	┢		$\vdash$				
																							┢		+	+		$\vdash$				
																							$\vdash$			$\vdash$						
																										L						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	Α		M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ON RATES										I	LEAD	TIME	S					ТОТА	L		REM	IARKS					
													Α	Admini	strativ	/e			Produ	uction												
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C	)ct	Af	fter 1 (	Oct		After	1 Oct		A	After 1	Oct								
1	Northrop Grumman Defense Mission System	s, Inc., Resto		_	400	3000	Е	Iı	nitial / I	Reorde	er		0/0			4/3				/ 3			6/6		4							
2	Unknown		260		400	3000		Iı	nitial / I	Reorde	er		0/0			4 / 4			2	/ 2			6/6	i	4							
																									4							
																									1							
											$\dashv$														┨							
																									1							
																									1							
																									1							

						P-1 Item	Nomenclat	ure:																Date:								
	Exhibit P21, Produc	ction S	chedule						(.	JC02	08) JC	DINT	EFFI	ECTS	MOI	DEL (	(JEM	.)									Fe	bruary	2008		_	
												Fi	iscal `	Year	09									I	iscal	Year	10					
				S	PROC	ACCEP	BAL								Cal	lenda	r Yea	ar 09								Caler	dar Y	ear 1	0			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
Software	& Installation (Contractor)	1	FY 08	A	2277	1988	289	289			Ш											_		L		L					_	
Software	& Installation (Contractor)	1	FY 08	AF	2000	1750	250	250														H			H	H					_	
Software	& Installation (Contractor)	2	FY 09	A	2675		2675					A	267	268	267	268	267	268	267	268	267	268										
Software	& Installation (Contractor)	2	FY 09	AF	2355		2355					A	235	235	235	235	235	235	240	235	235	235										
Software	& Installation (Contractor)	2	FY 09	MC	56		56					A	56																			
Software	& Installation (Contractor)	2	FY 09	N	254		254					A	254																		_	
																							H								_	
																										Н					┪	
																															┪	
											Ш																				_	
																								-		L					-	
											$\vdash$													┢							$\dashv$	
																															$\dashv$	
																															┪	
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES										]	LEAD	TIME	ΞS					TOTA	L		REM.	ARKS					
	VIAMA 0 - :						****					_		Admini						uction		-										
Number 1	NAME/LOCATION  Northrop Grumman Defense Mission Systems,	Inc. Docto	MIN.		1-8-5 400	MAX. 3000	UOM E	T.	nitial / I	Daord.	or		ior 1 C		A	fter 1 (				1 Oct		A	fter 1 6		1							
2	Unknown	mc., Resto	n, va 260 260		400	3000	£		nitial / I				0/0			4/3				/ 3			6/6		1							
									/ .											-					1							
																									]							
																									1							
																									-							
																		$\vdash$				$\vdash$			1							
																									1							

Exhibit P-40, Budg	get Item Justif	ication She	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/	/3/CHEM-BIO DE	FENSE		P-1 Item Nome		OINT OPERAT	IONAL EFFE	CTS FEDER <i>!</i>	ATION (JOEF)	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty			121							121
Gross Cost			3.6		3.5				Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)			3.6		3.5				Continuing	Continuing
Initial Spares										
Total Proc Cost			3.6		3.5				Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: The Joint Operational Effects Federation (JOEF) is a modeling and simulation tool required to determine the effects and assess the impact and risks associated with CBRN hazards, as well as Toxic Industrial Materials (TIM), on military operations. This system supports a non-real time, advance planning and analysis capability, as well as a near real time dynamic staff action support tool capability. JOEF is required to accurately depict the CBRN warfare environment including sensor/system deployment and the effects on personnel, equipment, and operations. JOEF is a CBRND tool to meet the Capability Development Document (CDD) requirements for fixed sites, mobile forces, medical capabilities, automation of tactics, techniques and procedures (TTPs), and to provide for Consequence Management. JOEF will provide a computer-based federated software system capable of providing deliberate planning support for the development of CBRND operational plans and near real time decision aids in a combat environment.

**NOTE:** JOEF will be fielded as a multi-variant software system which will interact with existing C41 systems. Each version will be tailorable to meet supported site requirements and therefore will generate a range of unit costs.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2008
Appropriation/Budget Activity/Serial No:  PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (JC0209)	JOINT OPERATIONAL EFFECTS FEDERATION (JOEF)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj IS4; 0604384BP/Proj IS5	В			PE 0604384BP/Proj CA5

The Joint Operational Effects Federation (JOEF) is a modeling and simulation tool required to determine the effects and assess the impact and risks associated with CBRN hazards, as well as Toxic Industrial Materials (TIM), on military operations. This system supports a non-real time, advance planning and analysis capability, as well as a near real time dynamic staff action support tool capability. JOEF is required to accurately depict the CBRN warfare environment including sensor/system deployment and the effects on personnel, equipment, and operations. JOEF is a CBRND tool to meet the Capability Development Document (CDD) requirements for fixed sites, mobile forces, medical capabilities, automation of tactics, techniques and procedures (TTPs), and to provide for Consequence Management. JOEF will provide a computer-based federated software system capable of providing deliberate planning support for the development of CBRND operational plans and near real time decision aids in a combat environment.

RDT&E FY06 and Prior - 22.0M; FY07 - 9.9M; FY08 - 4.7M; FY09 - 8.0M; FY10 - 2.0M; FY11 - 2.7M; FY12 - 5.9M; FY13 - 7.1M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
	20 57/06	20 57/07
Increment 1 - Award Systems Development and Demonstration (SDD) Contract	2Q FY06	2Q FY06
Increment 1 - Software Development	2Q FY06	3Q FY07
Increment 1 - DT Build 1	1Q FY07	1Q FY07
Increment 1 - Operational Assessment	2Q FY08	2Q FY08
Increment 1 - DT Build 2	1Q FY08	1Q FY08
Increment 1 - Multi-Service Operational Test & Evaluation (MOTE)	4Q FY08	4Q FY08
Increment 1 - Milestone C (Limited Deployment)	4Q FY08	4Q FY08
Increment 1 - Initial Operational Capability (IOC)	4Q FY08	4Q FY08
Increment 1 - Full Operational Capability (FOC)	4Q FY09	4Q FY09

Exhibit P-5, Weapon WPN SYST Cost Analysis			Activity/Serial N SE-WIDE/3/CHE		(JC0209)	ttem Nomencla ) JOINT OPER. ATION (JOEF)	ATIONAL EFF	ECTS	Weapon Syster	n Type:	Date: Febru	ary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JOEF - INCREMENT 1  JOEF Software Systems ILS Planning Installation Planning Installations Training	A						451 1211 992 530 405	121	3.727			
TOTAL							3589					

	Exhibit P-5a, Budget P	rocurement Hist	ory and Planning					Date: F	ebruary 200	8
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It (JC0209	em Nomenc ) JOINT OP	lature: ERATIONAL	EFFECTS FE	EDERATIO	N (JOEF)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JOEF Software Systems FY 08	Unknown	MIPR	Unknown	Sep-08	Oct-08	121	3727	Yes	Jun-09	Jun-09
REMARKS:										

	E 1914 P24 P 1	a				P-1 Item	Nomenclati		o) 101	D.W. C	DED	. TTO			E OTTO	FED	ED A	TYON	(10)					Date:			-		200/			
	Exhibit P21, Produ				(J	C020	9) JOI	INT C	)PER.					FED.	ERA	TION	(JOE	EF)					a. 1	<b>X</b> 7		bruary	/ 2008	8				
												Fl	iscai	Year		lenda	w Was	07						,		Year		Year (	10			L
	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U	S E P	O C T	N O V	D E C	J A N	F E B	M A	A P	M A Y	J U	J U	A U G	S E P	A T E R
IOEE C-4	4 C4	1	FY 08	A	87		87																			⊢						
	tware Systems tware Systems	1	FY 08	AF	87 17		17																	$\vdash$		┢					A A	87 17
	tware Systems	1	FY 08	MC	3		3																			Н					A	3
	tware Systems	1	FY 08	N	14		14																			Н					A	14
																										$\vdash$						
																										$\vdash$						
																										┡						
																										┢						
																										┡						
																										┢						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES											LEAD	TIME						TOTA	L		REM	ARKS					
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C	Admini Oct		/e fter 1 (	Oct	_		tion 1 Oct		A	fter 1	Oct								
1	Unknown		1		30	5000	E	Iı	nitial /	Reorde	er		0/0			11/3				/4		.,	13 / 7		1							
								_																	-							
																									1							
																									]							
																									-							
																									1							

	T I II I DAI D					P-1 Item	Nomenclati													_				Date:			_		•			
	Exhibit P21, Produc	ction S				(J	C0209	9) JOI	NT C	)PER					FED!	ERA'	ΓΙΟΝ	(JOE	F)						***		bruary	2008	3			
												Fı	scal '	Year			<b>X</b> 7	00					1	1		Year		7 1	0			L
	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	r Yea J U L	A U	S E P	O C T	N O V	D E C	J A N	F E B	M A	A P	M A Y	J U N	J U	A U G	S E P	A T E R
IOEE C-4	4 C4	1	FY 08	A	87		87	-	20	2.5	25													-		┡						
	tware Systems tware Systems	1	FY 08 FY 08	AF	87 17		17	5	20 8	25 4	35									Н			Н	$\vdash$	$\vdash$	┢						
	tware Systems	1	FY 08	MC	3		3	3	0	3													Н			Н						
	tware Systems	1	FY 08	N	14		14	3	8	3																						
																										$\vdash$						
		+																							$\vdash$	┝						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES									Admini		LEAD	TIME		ъ .				TOTA	L		REM	ARKS					
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	or 1 C			re fter 1 C	Oct			iction 1 Oct		A	fter 1	Oct								
1	Unknown		1		30	5000	Е	Ir	nitial / I	Reorde	er		0/0			11/3			2 /	/ 4			13 / 7	7								
																									1							
								_														$\vdash$			$\left\{ \right.$							
																									1							
																									1							

Exhibit P-40, Budgo		Date:	F	ebruary 2008												
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	/CHEM-BIO DE	FENSE		P-1 Item Nomenclature (JC0250) JOINT BIO STANDOFF DETECTOR SYSTEM (JBSDS)												
Program Elements for Code B Items:	Code:	Other Relate	elated Program Elements:													
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog						
Proc Qty	12									12						
Gross Cost	23.7		3.2					20.0	Continuing	Continuing						
Less PY Adv Proc																
Plus CY Adv Proc																
Net Proc (P-1)	23.7		3.2					20.0	Continuing	Continuing						
Initial Spares																
Total Proc Cost	23.7		3.2					20.0	Continuing	Continuing						
Flyaway U/C																
Wpn Sys Proc U/C																
				*												

**DESCRIPTION:** The Joint Biological Stand-off Detector System (JBSDS) is the first joint biological stand-off early warning, biological detection (BD) system. The system will be capable of providing near real time detection of biological attacks/incidents, and stand-off early detection/warning (Detect to Warn) of biological warfare (BW) agents at fixed sites or when mounted on multiple platforms, including NBC reconnaissance platforms. It will be capable of providing stand-off detection, ranging, tracking, discrimination (manmade vs. natural occurring aerosols), and generic detection (biological vs. non-biological) of large area BW aerosol clouds for advanced warning, reporting, and protection.

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2008					
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature						
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		(JC0250)	JOINT BIO STANDOFF DETECTOR SYSTEM (JBSDS)					
Program Elements for Code B Items:	Code:	Other Related	Program Elements:						
0604384BP/Proj BJ5 and Proj CA5	В								

The Joint Biological Stand-off Detector System (JBSDS) is the first joint biological stand-off early warning, biological detection (BD) system. The system will be capable of providing near real time detection of biological attacks/incidents, and stand-off early detection/warning (Detect to Warn) of biological warfare (BW) agents at fixed sites or when mounted on multiple platforms, including NBC reconnaissance platforms. It will be capable of providing stand-off detection, ranging, tracking, discrimination (manmade vs. natural occurring aerosols), and generic detection (biological vs. non-biological) of large area BW aerosol clouds for advanced warning, reporting, and protection.

RDT&E FY06 and Prior - 66.4M; FY07 - 18.4M; FY09 - 10.3M; FY10 - 3.1M; FY11 - 7.4M; FY12 - 26.1M; FY13 - 11.4M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
Increment 1 JBSDS LRIP (2 Systems)	3Q FY04	2Q FY05
Increment 1 JBSDS LRIP (4 Systems)	2Q FY05	2Q FY05
Increment 1 JBSDS Multi-Service Operational Test & Evaluation (MOT&E)	4Q FY06	1Q FY08
Increment 2 Spiral 2 Milestone C	3Q FY13	3Q FY13

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/Budget Activity/Serial No.  PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFENSE  P-1 Line Item Nomenclature: (JC0250) JOINT BIO STANDOFF DETECTOR SYSTEM (JBSDS)								Weapon Syster	n Type:	Date: Febru	nary 2008			
Weapon System	ID					FY 07			FY 08		FY 09					
Cost Elements	CD				Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
					\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000			
INC I JBSDS LRIP II Hardware								1700	2	850						
OTHER COSTS																
Engineering Support								1500								
TOTAL								3200								

	Date:	8								
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It (JC0250	em Nomenc )) JOINT BI	lature: O STANDOF	F DETECTOR	SYSTEM	(JBSDS)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JBSDS LRIP II Hardware FY 08	Science & Engineering Services, Inc	C/FPI	RDECOM, APG, MD	Jan-08	Oct-08	2	850000	Yes		
REMARKS:										

	E 1914 P44 P 1 4	P-1 Item Nomenclature:							DGD(	7)	Date: February 2008																						
	Exhibit P21, Product	P21, Production Schedule (JC0250) JOINT BIO STANDOFF DETECTOR SYSTEM (JBSI						BSDS	S)				1	Fiscal Year 08																			
			S	PROC	ACCEP	BAL									endaı	r Yea	r 07						-			ndar	Year	: 08				L	
COST ELEMENTS  M F R	F	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	Α	P	M A Y	ι	Ι	J	A : J 1 G 1	<b>S</b> E	A T E R	
JBSDS L	RIP Refurbishment	1	FY 05	A	6		6				1	1	2	2												t		$^{+}$	+			+	
JBSDS L	RIP II Hardware	2	FY 08	AF	2		2																A			t		+	+				2
																							F			F		+	+				=
																							F		F	ŧ		+	+				$\dashv$
																							F			F		Ŧ	+				$\exists$
																																	$\exists$
																										E							$\equiv$
																										£		$\pm$	$\pm$			$\pm$	$\exists$
																										t		$\pm$	+			$\pm$	彐
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	Α	P	M A Y	I J U	ı i	J	A : J 1 G 1	3	
MFR			PR	ODUCT	ION RATES								LEAD TIMES  Administrative Pro			Produ	TO				L		REM	ИARK	S								
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM						ior 1 C	Oct		fter 1 C				1 Oct		A	fter 1		-								
2	Science & Engineering Services, Inc, (SESI), Col Science & Engineering Services, Inc	lumbia, N	ID 1 1		1	5 5	E E		nitial / I		_		5/0 5/0			17 / 0 3 / 3			10	/ 0 / 10			20 / 0		┨								
						-														-					1								
																									1								
																									1								

	E-1:1:4 D21 D 14	· C	.1 31.			P-1 Item	Nomenclati		.0) 1O	INIT I	DIO C	TAN	DOE	E DE	FECT	OD C	ver	EM /I	DCDC	7)				Date	:		E	bruar	- 200	0		
	Exhibit P21, Product	ion S	cneauie				(.	JC025	0) 10.	INIE	810.8			Year		OK S	1511	EM (J	BSDS	5)				]	Fiscal	l Yea		oruar	y 200	8		
				S	PROC	ACCEP	BAL								Cal	endaı	r Yea	r 09								Cale	ndar	Year :	10			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P	M A Y	J U N	J U L	A U G	S E P	T E R
JBSDS L	RIP II Hardware	2	FY 08	AF	2		2	2																		╫						
																								_	-	╄	_	╄				
																							$\vdash$	$\vdash$	+	┿	+	$\vdash$				
																										T						
																									-	+						
																							Н		+	┿		+				
																								_	_	╄	_	_				
																							┢	┢	+	╫	+	╫				
																										+						
																								_	+	╇	_	-				
																							Н	$\vdash$	+	╆	+	$\vdash$				
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N		M A R	P	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ON RATES										I	LEAD	TIME	s					TOTA	ΛL		REM	IARKS	3				
,, ,	NAME A OCCUPANY		, mr		. 0.5	344**	1107					-		Admini			<b>.</b> .			iction				0								
Number 1	NAME/LOCATION  Science & Engineering Services, Inc, (SESI), Col	umbia. N	MIN. ID 1		1-8-5 1	MAX. 5	UOM E	Ir	nitial / l	Reorde	er		ior 1 C	Oct		fter 1 C			After 3	1 Oct		А	fter 1		+							
2	Science & Engineering Services, Inc	, 1	1		1	5	E		nitial / l				5/0			3/3				/ 10			13 / 1		1							
																									4							
								$\vdash$																	-							
																									1							
								_																	-							

Exhibit P-40, Budg	et Item Justif	ication She	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	/CHEM-BIO DE	FENSE		P-1 Item Nome	enclature	(JC1500) NBC	RECON VEH	IICLE (NBCR	V)	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	nents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	9	13								22
Gross Cost	87.2	10.2	7.8							105.2
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	87.2	10.2	7.8							105.2
Initial Spares										
Total Proc Cost	87.2	10.2	7.8							105.2
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: The Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV) sensor suite is a dedicated system of nuclear and chemical detection and warning equipment, and biological sampling equipment. The sensor suite is integrated into a high speed, high mobility, armored carrier capable of performing NBC reconnaissance on primary, secondary, or cross country routes throughout the battlefield. The NBCRV will have the capability to detect and collect chemical and biological contamination in its immediate environment, on the move, thru point detection Chemical Biological Mass Spectrometer (CBMS) and Joint Biological Point Detection System (JBPDS), and at a distance thru the use of a stand-off detector, the Joint Service Lightweight Stand-off Chemical Agent Detector (JSLSCAD). It automatically integrates contamination information from detectors with input from on-board navigation and meteorological systems and automatically transmits digital NBC warning messages thru the vehicle's command and control equipment to warn follow-on forces.

Exhibit P-5, Weapon		PROCUREME	-	Activity/Serial N SE-WIDE/3/CHE			Item Nomencla NBC RECON		BCRV)	Weapon System	т Туре:	Date: Febru	uary 2008
WPN SYST Cost Analysis Weapon System	ID	DEFENSE				FY 07			FY 08			FY 09	
Cost Elements					Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
Cost Elements	CD												
NBCRV HARDWARE SUITE CBMS II Sampling System UDR-13 Radiac and Mount Sensor Processing Group (SPG) Chem Vapor Sampling System (CVSS) Bio Cooler  OTHER COSTS Engineering Change Orders Acceptance/First Article Testing CBMS Acceptance/First Article Testing CVSS Acceptance/First Article Testing Quality Assurance (Gov't) Engineering Support (Gov't) Technical Manuals Software Support Initial Spares	B				\$000 2288 27 1339 944 13 525 400 300 1712 240 1400 1037	Each  13 13 13 13 13	103 72.615				\$000	Each	\$000
TOTAL					10225			7764					

	Exhibit P-5a, Budget	Procurement Hi	story and Planning					Date:	February 200	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/C	CHEM-BIO DEFENSE	Weapon System Typ	e:		P-1 Line I	tem Nomeno (JC1500		N VEHICLE (	(NBCRV)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
NBCRV Hardware Sensor Suite FY 07	General Dynamics Land Systems, Detroit, MI	SS/FFP	TACOM, Detroit, MI	Feb-08	Dec-08	13	354692	Yes		
CBMS II FY 08	Unknown	SS/FFP	TACOM, Detroit, MI	Jun-08	May-09	10	300000	Yes		
Chem Vapor Sampling System (CVSS) FY 08	Unknown	SS/FFP	TACOM, Detroit, MI	Jun-08	Jan-09	10	72600	Yes		
NBCRS Fox Hardware Army Title IX Bridge FY 07	General Dynamics Land Systems, Detroit MI	SS/FFP	TACOM, Detroit, MI	Aug-07	Jul-08	14	919000	Yes		

**REMARKS:** Purchases for FY04-07 are made thru modifications to base year contracts. There are no contract options. NBCRS Fox hardware refurbishment funded with Army Title IX Supplemental funds.

	Enkikit D21 Duoduo	41 am 6	ماده مادراه			P-1 Item	Nomenclati	ure:	C	JC150	)() NI	DC D	ECO	N ME	шст	E (NII	DCD V	(A)						Date:			Tai	oruary	2009	)		
	Exhibit P21, Produc	uon S	cneauie						(.	JC130	JU) INI			N VE Year		Æ (INI	DCK.	v)						F	iscal	Year		эгиагу	2000	<b>S</b>		
				S	PROC	ACCEP	BAL								Cal	lenda	r Yea	ar 07								Caler	ıdar Y	ear 0	8			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
Hardware	E Kits (Fox Reconstitution))	2	FY 06	A	9		9											A							1	2	2	2	2			
NBCRV I	Hardware Sensor Suite	1	FY 07	A	13		13																	A								13
NBCRS I	Fox Hardware Army Title IX Bridge	2	FY 07	A	14		14											A											2	2	2	8
																	H												_			
								O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES											LEAD	TIME	ES					ТОТА	L	_		ARKS					a. p
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pr	rior 1 (	Admin Oct		ve fter 1 (	Oct			ction 1 Oct		A	fter 1 (	Oct	and	JBPD	or sense S) are i	nclude	d in th	eir resp	ective	
1	General Dynamics Land Systems, Detroit, MI		1		4	5	E			Reord		_	0/0		_	16 / 10				/ 11		_	27 / 2			gram 11 gration	nes. P	M BC I	is rui	iaing v	enicie	and
3	General Dynamics Land Systems, Detroit MI Unknown		1 5		0	4 10	Е	_		Reorde Reorde			0/0			10 / 10 0 / 0			0	/ 0			18 / 2 0 / 0		•		ract av			August	DAB	
																									Exte	ended	LRIP d	ecision	1.			

	E-1:1:4 D21 D J	-4° C	-1 J1.			P-1 Item	Nomenclat	ure:	(	10150	)() NI	DC DI	ECON	. r varen	пст	Е ДИ	CDX	D						Date:			E.		- 2006	)		
	Exhibit P21, Produc	cuon S	cneaute						(.	JC150	JU) INI			Year		E (NI	SCK	()						F	iscal	Year		bruary	/ 2008	\$		
				S	PROC	ACCEP	BAL									enda	r Yea	ır 09										ear 1	.0			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
NRCRV	Hardware Sensor Suite	1	FY 07	A	13		13			3	4	3	3													╀						
	Fox Hardware Army Title IX Bridge	2	FY 07	A	14	6	8	2	2	2	2	3	3													$\vdash$						
	, ,																															
		_						_																		┡						
																										┢						
		_																							$\vdash$	┢						
																										$\vdash$						
																										Г						
																										┖						
																									┡	┡						
		_																							-	┢						
																									$\vdash$	$\vdash$						
																										┡						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES										I	LEAD	TIME	S					ТОТА	L		REM	ARKS					
														Admini						iction						-				onents		
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM –						ior 1 C	Oct		fter 1 (				1 Oct		_	fter 1							eir resp iding v		
2	General Dynamics Land Systems, Detroit, MI General Dynamics Land Systems, Detroit MI		1		1	5 4	E E		nitial / nitial /			_	0/0			16 / 16 10 / 10			8 /	/ 11		_	27 / 2 18 / 2			gratio				Ü		
3	Unknown		5		0	10	Е		nitial /				0/0			0/0	,			/ 0			0/0		FY(	07 con	tract av	ards fo	ollow	August	DAR	
	Charles		J			10			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	110014			0,0			0,0				, 0			0,0		-			ecision		iugusi	DAID	
																									-							
																									1							
																									1							
																									1							

Exhibit P-40, l	Budget Item Justif	ication She	et		I	Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-V	VIDE/3/CHEM-BIO DE	FENSE		P-1 Item Nome		100) JOINT CH	HEM AGENT	DETECTOR (	JCAD)	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	100	2843	5764	7413	4513	4168	5420	7161		37382
Gross Cost	1.0	22.6	33.6	38.1	37.8	35.1	46.6	62.8	Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	1.0	22.6	33.6	38.1	37.8	35.1	46.6	62.8	Continuing	Continuing
Initial Spares										
Total Proc Cost	1.0	22.6	33.6	38.1	37.8	35.1	46.6	62.8	Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

DESCRIPTION: The Joint Chemical Agent Detector (JCAD) is an automatic, lightweight, point-sampling, chemical warfare agent vapor detection/warning system. The system is capable of simultaneous and automatic detection by class (nerve, blister, and blood), identification and quantification of hazard levels, and contains a data communications interface. JCAD will operate in rotary wing and fixed wing cargo aircraft, in tracked vehicles, as personal detectors, and aboard ships (via a platform interface kit). Increment 1 JCAD systems are being purchased to replace the Chemical Agent Monitor (CAM), Improved CAM (ICAM), Automatic Chemical Agent Detector and Alarm (ACADA or M22), M90, and M8A1. The Increment 2 JCAD will expand upon the Increment 1 capability by providing detection of low-level cumulative exposures (quantify), providing increased utility aboard ship and rotary wing aircraft, and expanding the number and types of chemicals that can be detected. The Increment 2 JCAD will be net-ready. The Installed Point Detection System (IPDS), purchased only in FY08, is an automatic point detection system used to detect, warn, and classify chemical warfare agent vapors external to Navy ships. The IPDS was a modular (form and fit) replacement for existing fielded shipboard detection systems.

JUSTIFICATION: The FY09 funding will procure 7,413 Increment 1 Joint Chemical Agent Detectors (JCAD).

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2008
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		(JI	F0100) JOINT CHEM AGENT DETECTOR (JCAD)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0604384BP/Proj CA5	В			

## RDT&E Code B Item

The Joint Chemical Agent Detector (JCAD) is an automatic, lightweight, point-sampling, chemical warfare agent vapor detection/warning system. The system is capable of simultaneous and automatic detection by class (nerve, blister, and blood), identification and quantification of hazard levels, and contains a data communications interface. JCAD will operate in rotary wing and fixed wing cargo aircraft, in tracked vehicles, as personal detectors, and aboard ships (via a platform interface kit). Increment 1 JCAD systems are being purchased to replace the Chemical Agent Monitor (CAM), Improved CAM (ICAM), Automatic Chemical Agent Detector and Alarm (ACADA or M22), M90, and M8A1. The Increment 2 JCAD will expand upon the Increment 1 capability by providing detection of low-level cumulative exposures (quantify), providing increased utility aboard ship and rotary wing aircraft, and expanding the number and types of chemicals that can be detected. The Increment 2 JCAD will be net-ready. The Installed Point Detection System (IPDS), purchased only in FY08, is an automatic point detection system used to detect, warn, and classify chemical warfare agent vapors external to Navy ships. The IPDS was a modular (form and fit) replacement for existing fielded shipboard detection systems.

RDT&E FY06 and Prior - 115.0M; FY07 - 5.4M; FY08 - 11.6M; FY09 - 13.8M; FY10 - 4.3M; FY11 - 1.9M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES

DEVELOR MENT/TEST STRICS TRAD IN WORK MILES TO LES	5171101	COM LETE
JCAD Inc 1 - Production Qualification Test (PQT)	4Q FY04	1Q FY07
JCAD Inc 1 - Milestone C Low Rate Initial Production (LRIP) Decision	3Q FY07	3Q FY07
JCAD Inc 1 - Multi-service Operational Test and Evaluation (MOT&E)	4Q FY07	4Q FY07
JCAD Inc 1 - Milestone C Full Rate Production (FRP) Decision	2Q FY08	2Q FY08
JCAD Inc 2 - Production Qualification Test (PQT)	4Q FY07	2Q FY09
JCAD Inc 2 - Milestone C Low Rate Initial Production (LRIP) Decision	4Q FY09	4Q FY09
JCAD Inc 2 - LRIP Contract Award	4Q FY09	4Q FY09
JCAD Inc 2 - Production Verification Test (PVT)	1Q FY10	2Q FY10
JCAD Inc 2 - Multi-service Operational Test and Evaluation (MOT&E)	2Q FY10	3Q FY10

COMPLETE

**START** 

Exhibit P-5, Weapon WPN SYST Cost Analysis		 _	Activity/Serial N			Item Nomencla		ECTOR	Weapon System	п Туре:	Date: Febru	nary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JCAD INCREMENT 1 - LRIP  JCAD Inc 1 LRIP Hardware (Basic)  JCAD Inc 1 LRIP Hardware  Platform Interface Kits/Communications Adapters  Engineering Support (Gov't)  System Fielding Support (Gov't) (Total Package  Fielding, First Destination Transportation and  New Equipment Training)  Product Verification Test  JCAD INCREMENT 1- FRP  JCAD Inc 1 FRP Hardware  Platform Interface Kits/Communication Adapters  Engineering Support (Gov't)  Systems Fielding Support (Gov't) (Total Package  Fielding, First Destination Transportation and  New Equipment Training)  OTHER COSTS  IPDS Hardware  Production Verification Test Start/Ship  Engineering (IPDS)	B			3900 9904 1674 2910 500 3700	600 2243 540	6.500 4.416 3.100	13941	3157 380 2607 320	3.100 4.400 3	32613 2400 2419 650		4.399
TOTAL				22588			33638			38082		

	Exhibit P-5a, Budget	Procurement His	tory and Planning					Date:	February 200	)8
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Type	:			tem Nomeno JF0100) JOI	clature: INT CHEM A	GENT DETEC	CTOR (JCA	D)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue
JCAD Inc 1 LRIP Hardware (Basic) FY 07	Smiths Detection, Edgewood, MD	SS/FFP	RDECOM, APG, MD	Jun-07	Jul-07	600	6500	Yes		
JCAD Inc 1 LRIP Hardware FY 07	Smiths Detection, Edgewood, MD	SS/FFP (Opt 1)	RDECOM, APG, MD	Jan-08	Feb-08	2243	4416	Yes		
FY 08	Smiths Detection, Edgewood, MD	SS/FFP (Opt 1)	RDECOM, APG, MD	Jan-08	Jun-08	3157	4416	Yes		
Platform Interface Kits/Communications Adapters										
FY 07	Smiths Detection, Edgewood, MD	SS/FFP	RDECOM, APG, MD	Jan-08	Mar-08	540	3100	Yes		
FY 08	Smiths Detection, Edgewood, MD	SS/FFP	RDECOM, APG, MD	Jan-08	Mar-08	380	3100	Yes		
JCAD Inc 1 FRP Hardware										
FY 08	Smiths Detection, Edgewood, MD	SS/FFP (Opt 2)	RDECOM, APG, MD	Mar-08	Jan-09	2607	4400	Yes		

**REMARKS:** Basic contract award followed MDA approval for 600 LRIP units, Jun 07. Option 1 award (2243 units) pending MDA approval Jan 08 for the additional LRIP items.

Exhibit 1 -3a, Dudget	Procurement His	tory and Planning					Date:	ebruary 200	08
EM-BIO DEFENSE	Weapon System Type	:					GENT DETEC	CTOR (JCA	D)
Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
Smiths Detection, Edgewood, MD	SS/FFP (Opt 3)	RDECOM, APG, MD	Nov-08	Jun-09	7413	4399	Yes		
Smiths Detection, Edgewood, MD	SS/FFP	RDECOM, APG, MD	Mar-08	May-08	320	3000	Yes		
Unknown	C/FFP	Unknown	May-08	Sep-08	8	193750	Yes		
Smiths Detection, Edgewood, MD	SS/FFP (Opt 2)	RDECOM, APG, MD	Mar-08	Jul-08	6300	6000	Yes		
Smiths Detection, Edgewood, MD	SS/FFP	RDECOM, APG, MD	Mar-08	Jan-09	2555	5900	Yes		
	Smiths Detection, Edgewood, MD  Smiths Detection, Edgewood, MD  Unknown  Smiths Detection, Edgewood, MD	Contractor and Location  Contract Method and Type  Smiths Detection, Edgewood, MD  Smiths Detection, Edgewood, MD  Unknown  C/FFP  Smiths Detection, SS/FFP (Opt 2) Edgewood, MD  Smiths Detection, SS/FFP (Opt 2) Edgewood, MD	Contractor and Location  Contract Method and Type  Smiths Detection, Edgewood, MD  Smiths Detection, Edgewood, MD  Smiths Detection, Edgewood, MD  C/FFP  Unknown  Smiths Detection, Edgewood, MD  Smiths Detection, SS/FFP (Opt 2) Edgewood, MD  Smiths Detection, Edgewood, MD	Contractor and Location  Contract Method and Type  Smiths Detection, Edgewood, MD  Smiths Detection, Edgewood, MD  Smiths Detection, Edgewood, MD  C/FFP  Unknown  SS/FFP (Opt 2)  Smiths Detection, Edgewood, MD  Smiths Detection, SS/FFP (Opt 2)  Smiths Detection, SS/FFP (Opt 2)  Smiths Detection, SS/FFP (Opt 2)  Smiths Detection, Edgewood, MD  Smiths Detection, SS/FFP (Opt 2)  Smiths Detection, Edgewood, MD  Smiths Detection, SS/FFP (Opt 2)  RDECOM, APG, MD  Mar-08  Mar-08  Smiths Detection, SS/FFP (Opt 2)  RDECOM, APG, MD  Mar-08	Contractor and Location  Contract Method and Type  Smiths Detection, Edgewood, MD  Smiths Detection, Edgewood, MD  C/FFP  Unknown  SS/FFP (Opt 2)  Smiths Detection, Edgewood, MD  SS/FFP (Opt 2)  SS/FFP (Opt 2)  RDECOM, APG, MD  Mar-08  May-08  Sep-08  Smiths Detection, SS/FFP (Opt 2)  RDECOM, APG, MD  Mar-08  Jul-08  Smiths Detection, Edgewood, MD  SS/FFP (Opt 2)  RDECOM, APG, MD  Mar-08  Jul-08  Smiths Detection, Edgewood, MD  SS/FFP (Opt 2)  RDECOM, APG, MD  Mar-08  Jul-08  Smiths Detection, Edgewood, MD	Contractor and Location  Contract Method and Type  Contract Location of PCO  Award Date 1st QTY Each  Contract Method and Type  Contract Location of PCO  Award Date 1st QTY Each  Contract Method and Type  Contract Method and Type  Contract Method and Type  Contract Location of PCO  Award Date 1st QTY Each  Contract Method and Type  Contract Method and Ty	Contractor and Location  Contract Method and Type  Contract Method Delivery  Each  S  Smiths Detection,  SS/FFP (Opt 3)  Contract Method Delivery  C	Contractor and Location  Contract Method and Type  Smiths Detection, Edgewood, MD  Coffee Unknown  Coffee Unknown  Coffee Company Septemble Septem	Contract Method and Type  Contract Method Pole  Co

**REMARKS:** Basic contract award followed MDA approval for 600 LRIP units, Jun 07. Option 1 award (2243 units) pending MDA approval Jan 08 for the additional LRIP items.

	Exhibit P-5a, Budget P	rocurement His	tory and Planning					Date:	ebruary 200	8
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Type	:		P-1 Line It	em Nomeno JF0100) JOI	lature: NT CHEM A	GENT DETEC	TOR (JCA	D)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JCAD Inc 1 FRP Hardware (Army Baseline) (cont)										
FY 09	Smiths Detection, Edgewood, MD	SS/FFP	RDECOM, APG, MD	Dec-08	Aug-09	4825	5900	Yes		
REMARKS: Basic contract award followed MD	A approval for 600 LRIP units, Jun 07.	Option 1 award (22	43 units) pending MDA approval Ja	nn 08 for th	e additiona	al LRIP ite	ms.			

	E-1:1:4 D21 D 1	• C	-1 J1.			P-1 Item Nomenclature: (JF0100) JOINT CHEM AGENT DETECTOR (JCAD)												Date	e:		,	7.1	2	000									
	Exhibit P21, Product	10n S	cneaute						(JF010	00) 10	JINI			yen i Year		ECT	OK (J	ICAD	)						Fisca	l Vo		ebru	ary 2	008			
												I.	iscai	1 cai		lenda	r Vos	or 07					Т		risca		n vo endar	· Von	r AQ			L	,
	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	Е	Α	A F	N A	1 .	J U	U 1	A S J H G H	E	Γ 3
																										╀		_			_	_	
	1 LRIP Hardware (Basic)	1	FY 07	A	550		550				_			_		A	50	100	150		100	-	┿	╄	_	╇	+	+	+	-	+	_	
	1 LRIP Hardware (Basic)	1	FY 07	MC	50		50				_			_		Α	_			50			-	╄	_	╄	+	+	+	_	+	_	
	1 LRIP Hardware	1	FY 07	A	1822		1822																A	_	_	. 50	0 50	0 3:	53		_		
	1 LRIP Hardware	1	FY 07	MC	342		342	_			_			_			L						A	_	_	╇	+	+	+	_	-	_	
	1 LRIP Hardware	1	FY 07	N	79		79				_			_			_	_					A	+	79	+	+	+	+	_	+	+	
JCAD Inc	1 FRP Hardware (Army Supplemental)	1	FY 07	A	6300		6300															$\vdash$	+	+	A	╁	+	+	- 5	25 5	25 52	5 472	25
JCAD Inc	1 LRIP Hardware	1	FY 08	A	1005		1005																Α	+	+	+	+	1-	47		+	85	i8
	1 LRIP Hardware	1	FY 08	AF	872		872							г									Α			T		$\top$	5	00		37	
	1 LRIP Hardware	1	FY 08	MC	524		524										Г						Α	_		T	T	$\top$			52	_	
JCAD Inc	1 LRIP Hardware	1	FY 08	N	756		756										Г						Α	_		T	$\top$	$\top$	$\top$	5	00	25	i6
JCAD Inc	1 FRP Hardware	2	FY 08	Α	2607		2607																		А	Т						260	07
IPDS Har	dware	3	FY 08	N	8		8																			Т	Α				1	7	,
JCAD Inc	1 FRP Hardware (Army Baseline)	1	FY 08	A	2555		2555																		Α							255	55
																										L							
																										┸							
																										┸							
																										╀	_	_				_	
								O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	Α	Е	A	F	A	1	U .	U 1	A S J E G F	ì	
MFR			PR	ODUCT	ON RATES										]	LEAD	TIME	ES					TOTA	ΑL		RE	MARK	S					
													A	Admin	istrativ	/e			Prod	uction													
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM						ior 1 C		A	fter 1 (			After	1 Oct		A	After 1	Oct	4								
1	Smiths Detection, Edgewood, MD		40		1800	2200	Е	Iı	nitial /	Reorde	er		5/0			8 / 2				/ 6			10 /		4								
2	Smiths Detection, Edgewood, MD		40		1800	2200	Е		nitial /				0/0			5 / 1				. / 8			16/		4								
3	Unknown		1		10	20	Е	Iı	nitial /	Reorde	er		0/0			7/7			5	/ 5			12 / 1	12	4								
$\vdash$																						$\vdash$			$\dashv$								
																									┨								
																						$\vdash$			+								
																						+			┪								
																									1								

	Exhibit P21, Product	ion S	ahadula			P-1 Item Nomenclature: (JF0100) JOINT CHEM AGENT DETECTOR (JCAD)														Date:			Fo	bruary	2008							
	Exilibit P21, Product	1011 5	cheaule						(31-01)	JO) JC	JINI			Year (		ECIC	JK (J	CAD)						F	iscal	Year		oruar y	2000	,		
		M	FY	S E	PROC QTY	ACCEP PRIOR	BAL DUE	0	N	D	J	F	M	A	Cal M	endar J	Yea J	r 09 A	c	0	N	D	J	F	М	Calen	dar Y	Year 1	.0	A	S	L A T
COST	ELEMENTS	F R		R V	Each	TO 1 OCT	AS OF 1 OCT	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	S E P	C T	O V	E C	A N		A R	P	A Y	U N	U L	U G	E P	E R
JCAD Inc 1 FRP Har	dware (Army Supplemental)	1	FY 07	A	6300	1575	4725	525	525	525	525	525	525	525	525	525																
JCAD Inc 1 LRIP Ha		1	FY 08	Α	1005	147	858		244	486																						
JCAD Inc 1 LRIP Ha JCAD Inc 1 LRIP Ha		1 1	FY 08 FY 08	AF N	872 756	500 500	372 256	372	256																							
JCAD Inc 1 FRP Hard IPDS Hardware	lware	2	FY 08 FY 08	A N	2607 8	1	2607 7	2	3	2	500	500	500	500	500	107																
	dware (Army Baseline)	1	FY 08	A	2555		2555	_			225	225	225	225	225	225	650	555														
JCAD Inc 1 FRP Hard		2	FY 09 FY 09	A AF	4898 1308		4898 1308		A							344	344	600	600	611	630	650	650	349	650	120	658					
JCAD Inc 1 FRP Har	lware	2	FY 09	MC	951		951		A															301	650	650	658					
JCAD Inc 1 FRP Hard JCAD Inc 1 FRP Hard	lware lware (Army Baseline)	2	FY 09 FY 09	N A	256 4825		256 4825		A	A							256	95	650	600	600	600	600	600	600	480						
																										$\vdash$						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES								Δ	dmini	L strativ	EAD '	ГІМЕ		Produ	etion		-	ТОТА	L		REM.	ARKS					
	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM	_					ior 1 C		Af	ter 1 C	ct		After	1 Oct		A	fter 1									
2 Smiths Dete	ction, Edgewood, MD		40 40		1800 1800	2200 2200	E E	Iı	nitial / l nitial / l	Reorde	er		5/0 0/0			8 / 2 5 / 1			11	/ 8			10 / 8 16 / 9	)								
3 Unknown			1		10	20	E	Iı	nitial / ]	Reorde	er		0/0			7/7			5 /	5			12 / 1	2								

Exhibit P-40, B	Sudget Item Justif	ication She	et		I	Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-W	IDE/3/CHEM-BIO DE	FENSE		P-1 Item Nome		(JN0789) MUL'	ΓΙ-SERVICE Ι	RADIACS (M	SR)	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	7874	5139	2735	2459	2600					20807
Gross Cost	17.6	8.5	6.1	4.2	2.7					39.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	17.6	8.5	6.1	4.2	2.7					39.0
Initial Spares										
Total Proc Cost	17.6	8.5	6.1	4.2	2.7					39.0
Flyaway U/C										
Wpn Sys Proc U/C										

**DESCRIPTION:** The Multi-Service Radiacs are a family of nuclear radiation detectors that are used by the Army, Marines, and Navy to detect and measure various forms of nuclear radiation in the battle space and in operations other than war. The systems allow users to avoid contamination and to reduce their exposure when avoidance is not possible. The four systems are the AN/PDR-75, the AN/VDR-2, the AN/PDR-77 and the AN/UDR-13. The AN/PDR-75 consists of the CP-696 Reader and the DT-236 Individual Dosimeter. The dosimeter is worn by individuals and measures the neutron and gamma dose the individual has received. The AN/VDR-2 is a tactical beta/gamma rate meter that is used for Health and Safety detection as well as in the battle space. It is also integrated into armored and wheeled vehicles with available mounts and installation kits. The AN/PDR-77 is used for nuclear weapons accident response, environmental level measurement of radiological materials, and in monitoring work areas where chemical detectors are repaired. It measures alpha, beta, gamma, and X-ray radiation with multiple probes. The AN/UDR-13 is a tactical dosimeter that is used in the field to monitor the radiation dose of a platoon or equivalent sized unit to make tactical decisions on stay time and route. It also has a rate meter function.

JUSTIFICATION: FY09 funding procures 2,293 AN/UDR-13 Radiac Meters and 166 AN/PDR-77 Radiac Sets.

Exhibit P-5, Weapon WPN SYST Cost Analysis	Appropriation/Budget Activity/Serial N PROCUREMENT DEFENSE-WIDE/3/CHE DEFENSE					Item Nomencla ) MULTI-SERV		S (MSR)	Weapon System	п Туре:	Date: Febru	ary 2008	
Weapon System	ID					FY 07			FY 08			FY 09	
Cost Elements	CD				Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
					\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
AN/PDR-77 AN/PDR-77 Hardware Engineering Support (Gov't) Quality Assurance Total Package Fielding Initial Spares Update Technical Manuals	A				3324 200 197 50 374 10		5.936	2850 200 157 50 300 10	475	6	1096 200 162 50 69 10		6.602
AN/UDR-13 AN/UDR-13 Hardware Engineering Support (Gov't) Quality Assurance Total Package Fielding Initial Spares Update Technical Manuals	A				3182 418 350 70 327 10		0.695	1925 312 50 200 5	2673	0.720	1651 350 350 50 154 10		0.720
TOTAL					8512			6059			4152		

	Exhibit P-5a, Budget P	Procurement His	story and Planning					Date: I	ebruary 200	)8
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/	CHEM-BIO DEFENSE	Weapon System Type	×		P-1 Line I	tem Nomeno (JN0789)	clature: MULTI-SER	VICE RADIA	CS (MSR)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
AN/PDR-77 Hardware										
FY 08	Canberra Dover, Dover, NJ	C/FFP (OPT2)	CECOM, FT Monmouth,	Nov-07	Apr-08	475	6000	Yes		
FY 09	Canberra Dover, Dover, NJ	C/FFP (OPT3)	CECOM, FT Monmouth, NJ	Nov-08	Mar-09	166	6602	Yes		
AN/UDR-13 Hardware										
FY 08	Canberra Dover, Dover, NJ	C/FFP (OPT2)	CECOM, FT Monmouth, NJ	Nov-07	Apr-08	2673	720	Yes		
FY 09	Canberra Dover, Dover, NJ	C/FFP (OPT3)	CECOM, FT Monmouth, NJ	Nov-08	Mar-09	2293	720	Yes		
AN/UDR-13 Hardware (Army Supplemental) FY 07	Canberra Dover, Dover, NJ	C/FFP	CECOM, FT Monmouth,	Jul-07	Mar-08	16009	720	Yes		
AN/UDR-13 Hardware (Army Baseline)			CECOM FEM 4	Dec-07	Oct-08	4215	725	Yes		
FY 08	Canberra Dover, Dover, NJ	C/FFP	CECOM, FT Monmouth,	Dec-07	Oct-08	4213	123	ies		
REMARKS:										

	Exhibit P-5a, Budget F	Procurement H	istory and Planning					Date:	February 20	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/C	HEM-BIO DEFENSE	Weapon System Ty	pe:		P-1 Line I	tem Nomeno (JN0789)		VICE RADIA	CS (MSR)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Iss
AN/VDR-2 Hardware (Baseline) FY 08	Canberra Dover, Dover, NJ	SS/FFP	CECOM, FT Monmouth,	Dec-07	Jun-08	1150	2000	Yes		
AN/PDR-75 Hardware (Army OPA3 Baseline) FY 07	Canberra Dover, Dover, NJ	C/FFP	CECOM, FT Monmouth,	Dec-06	Jan-08	128	6633	Yes		
FY 08	Canberra Dover, Dover, NJ	C/FFP	CECOM, FT Monmouth, NJ	Dec-07	Feb-09	128	7031	Yes		
AN/PDR-75 Hardware (Army Bridge) FY 07	Canberra Dover, Dover, NJ	C/FFP	CECOM, FT Monmouth,	Dec-06	Apr-08	52	6827	Yes		

						P-1 Item	Nomenclat	ure:																Date:								
	Exhibit P21, Product	tion S	chedule						(JN	10789	) MU	ILTI-:	SERV	/ICE	RAD	IACS	(MS	R)									Fe	bruar	y 2008	3		
												Fi	scal '	Year (	07									]	Fiscal	Year	r 08					
				S	PROC	ACCEP	BAL								Cal	endaı	· Yea	ır 07								Cale	ndar `	Year (	08			L A
		M	FY	Е	QTY	PRIOR	DUE	О	N	D	J	F	M	Α	M	J	J	Α	S	О	N	D	J	F	M	A	M	J	J	Α	S	T
	COST ELEMENTS	F R		R V	Each	TO 1 OCT	AS OF 1 OCT	C T	O V	E	A	Е	A	P	A	U	U	U	Е	C	O V	E	A		A	P		U	U	U	Е	Е
		K		Y		1001	1001	1	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	R
		_																								-						
	77 Hardware	3	FY 06	A	316	261	55	55															$\vdash$		-	⊢	-		-			
	-13 Hardware	2	FY 06	A	6038	2454	3584					1378	1266												_	$\vdash$						
	-13 Hardware	2	FY 06	MC	1520	445	1075	165		600	310															$\vdash$						
	ardware (Supplemental)	4	FY 06	A	1808	1200	1808			200	200	200	200	200	200	200	200	208					$\vdash$		+-	┢			-			
AN/UDK	-13 Hardware (Army Supplemental)	1	FY 06	A	4782	1200	3582	600	600	600	600	600	582										$\vdash$		+	┢						
A M/DDD	.77 Hardware	3	FY 07	MC	560		560		,						50	<i>c</i> 0	16-	15-	10-	167	47				+	$\vdash$	+	$\vdash$				
	-17 Hardware -13 Hardware	2	FY 07 FY 07	MC A	3059		3059		A						53	60	100	100	100	100	47					┢						
	-13 Hardware -13 Hardware	2	FY 07 FY 07	A MC	1520		3059 1520		A A		$\vdash$			$\vdash$			244	500	500	224 276	500	500	500	500	835	$\vdash$	+	$\vdash$				
	-13 Hardware (Army Supplemental)	1	FY 07	A	16009		16009		Α									500	500	2/6					100	1.000	1.000	1.000	1.000	1.000	1.000	
	-13 Hardware (Army Baseline)	5	FY 07	A	3485		3485			Α							A	150	500	500	700	700	700	235	183	1600	1600	1600	1600	1600	1600	6226
	-13 Hardware (Army Bridge)	6	FY 07	A	506		506			A							506	150	500	500	700	700	700	235	+	┢						
	-2 Hardware (Baseline)	7	FY 07	A	1559		1559			Α	Α						506	172	200	200	200	200	200	200	187	$\vdash$						
	-2 Hardware (Army Bridge)	7	FY 07	A	359		359				A	Α						76	200	83	200	200	200	200	187	$\vdash$						
	75 Hardware (Army OPA3 Baseline)	8	FY 07	A	128		128			A		А						76	200	63			35	35	35	23						
	75 Hardware (Army Bridge)	8	FY 07	A	52		52			A													33	33	33	12	35	5				
	77 Hardware (Army Bridge)	9	FY 07	A	2		2			Α	Α				2								$\vdash$		+	12	33	3				
	77 Hardware (Army Supplemental)	1	FY 07	A	206		206				А						A				53	100	53			$\vdash$						
111/11210	,, madwale (miny suppremental)	-	1107		200		200										71				33	100	55									
								O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	
								T	v	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	
MFR			PR	ODUCT	ION RATES											LEAD	TIME	S	ъ.			1	ГОТА	L.		REM	IARKS					
N. 1	NAME A OCCUPANY		) my			3.64.37	UOM					ъ.		Admini						iction			6 1.	0.								
Number 1	NAME/LOCATION  Canberra Dover, Dover, NJ		MIN. 100		1-8-5 600	MAX. 2000	E E	T.	nitial / l	Daamda			or 1 C	Ct	A	fter 1 C	ct			1 Oct		_	fter 1 ( 22 / 1		┫							
2	Canberra Dover, Dover, NJ  Canberra Dover, Dover, NJ		100		600	2000	E	_	nitial / l				0/0			1/1			3.			_	4/10		1							
3	Canberra Dover, Dover, NJ  Canberra Dover, Dover, NJ		2		50	2000	E E		nitial / l				0/0			5/1			5.				10 / 8		1							
4	Canberra Dover, Dover, NJ  Canberra Dover, Dover, NJ		100		600	2000	E E	_	nitial / l				0/0			10/0				/ /			15 / 0		1							
5	Canberra Dover, Dover, NJ  Canberra Dover, Dover, NJ		100		600	2000	E	_	nitial / l				0/0			3/3				/ 5			11 / 8	-	1							
6	Canberra Dover, Dover, NJ		100		600	2000	E		nitial / l				0/0			3/3			7.				10 / 1		1							
7	Canberra Dover, Dover, NJ  Canberra Dover, Dover, NJ		100		600	2000			nitial / l				0/0			3/3				/ 8			11 / 1		1							
8	Canberra Dover, Dover, NJ		5		20	60			nitial / l				0/0			3/3				/ 6			9/9		1							
9	Canberra Dover, Dover, NJ		20		50	200			nitial / l				0/0			5/1				/ 5			6/6		1							
10	Canberra Dover, Dover, NJ		100		600	2000			nitial / l				0/0			1/1				/ 5			6/6		1							
	2					2000							5, 5			-, -			٠,				0,0									

	F.,1.21.24 D21 D.,. J.,.	C	.1 31 .			P-1 Item	Nomenclat	ure:	(D)	10700	), <b>M</b> ()	11 TI	CEDY	исе	DAD	TACC	O.I.S.	D)					]	Date:			E.I		- 2006	,		
	Exhibit P21, Produc	tion S	cneaule						(JIV	NU / 89	9) MU					IACS	(MS	K)										bruary	/ 2008	5		
										_		Fi	iscal \	Year										F		Year						L
				S	PROC	ACCEP	BAL								Cal	lendaı	· Yea	ır 07							(	Calen	dar Y	ear (	8			A
		M F	FY	E R	QTY Each	PRIOR TO	DUE AS OF	O C	N	D	J	F	M	A P	M	J	J	A	S E	O C	N O	D	J	F E	M	A P	M	J	J	A U	S	T
	COST ELEMENTS	R		V	Lucii	1 OCT	1 OCT	T	O V	E C	A N	E B	A R	R	A Y	U N	U L	U G	E P	T	V	E C	A N	B B	A R	R	A Y	U N	U L	G	E P	E R
AN/PDR-	77 Hardware	9	FY 08	MC	475		475		Н												Α					100	100	100	100	75		
AN/UDR-	-13 Hardware	10	FY 08	MC	2673		2673														Α					250	250	250	250	250	250	1173
AN/UDR-	-13 Hardware (Army Baseline)	10	FY 08	A	4215		4215		П													Α										4215
AN/VDR-	-2 Hardware (Baseline)	7	FY 08	Α	1150		1150															Α						100	100	150	200	600
AN/PDR-	75 Hardware (Army OPA3 Baseline)	8	FY 08	A	128		128															Α										128
										_																						
									Ш	_																						
										_																_						
								О	N	D	J	F	M	A	M	J	J	Α	S	О	N	D	J	F	M	A	M	J	J	Α	S	
								C	0	Е	Α	Е	Α	P	Α	U	U	U	Е	C	0	Е	Α	Е	Α	P	Α	U	U	U	Е	
								T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	
MFR			PR	ODUCT	ION RATES										I	LEAD	TIME	S				7	ТОТА	L		REM	ARKS					
													Α	Admini	strativ	/e			Produ	iction												
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C	Oct	Ai	fter 1 C	Oct		After	1 Oct		Ai	fter 1 (	Oct								
1	Canberra Dover, Dover, NJ		100		600	2000	Е	Iı	nitial / F	Reorde	er		0/0			9/9			13	/ 5			22 / 14	4								
2	Canberra Dover, Dover, NJ		100		600	2000	Е	Iı	nitial / F	Reorde	er		0/0			1 / 1			3.	/ 9			4 / 10	1								
3	Canberra Dover, Dover, NJ		2		50	200	Е	Iı	nitial / F	Reorde	er		0/0			5 / 1			5.	/7			10 / 8									
4	Canberra Dover, Dover, NJ		100		600	2000	E	Iı	nitial / F	Reorde	er		0/0			10 / 0			5	/ 0			15 / 0	)								
5	Canberra Dover, Dover, NJ		100		600	2000	Е	Iı	nitial / F	Reorde	er		0/0			3/3			8	/ 5			11 / 8									
6	Canberra Dover, Dover, NJ		100		600	2000		Iı	nitial / F	Reorde	er		0/0			3/3			7.	/7			10 / 10	0								
7	Canberra Dover, Dover, NJ		100		600	2000		Iı	nitial / F	Reorde	er		0/0			3/3			8.	/ 8			11 / 1	1								
8	Canberra Dover, Dover, NJ		5		20	60		Iı	nitial / F	Reorde	er		0/0			3/3				/ 6			9/9									
9	Canberra Dover, Dover, NJ		20		50	200			nitial / F				0/0			5 / 1				/ 5			6/6									
10	Canberra Dover, Dover, NJ		100		600	2000		Iı	nitial / F	Reorde	er		0/0			1 / 1			5	/ 5			6/6									

						P-1 Item	Nomenclat	ure:																Date:								
	Exhibit P21, Produc	tion S	chedule						(JN	N0789	9) MU	ILTI-S	SERV	VICE	RAD	IACS	(MS	R)									Fe	bruary	2008	3		
												Fi	scal `	Year	09									F	`iscal	Year	10					
				S	PROC	ACCEP	BAL								Cal	endaı	· Yea	ır 09							-	Caler	ıdar \	Year 1	.0			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	T E R
																										L						
AN/UDR	-13 Hardware (Army Supplemental)	1	FY 07	A	16009	9783	6226	1600	1600	1600	1426																					
									Ш																			_		Ш		
AN/UDR	-13 Hardware	10	FY 08	MC	2673	1500	1173	250	250	250	250	173																_				
	-13 Hardware (Army Baseline)	10	FY 08	A	4215		4215	700	700	700	700	700	715									_				_		_				
AN/VDR	-2 Hardware (Baseline)	7	FY 08	A	1150	550	600	300	300													_	_			_		_				
AN/PDR	75 Hardware (Army OPA3 Baseline)	8	FY 08	A	128		128					10	35	35	35	13										⊢						
AN/DDD	77 111	9	EV 00	Α.	166		166						40	40	40	10	_									⊢						
	77 Hardware		FY 09	A	166		166		A				40	40	40	40	6									┢		$\vdash$				
AN/UDR	-13 Hardware	10	FY 09	MC	2293		2293		A				197	197	197	197	197	197	197	197	197	197	197	126		┢		-				
																										┢		$\vdash$		Н		
																												$\vdash$				
																										$\vdash$		$\vdash$		Н		
																														Н		
																										Т						
								O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	P	M A	J U	J U	A U	S E	
								T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	
MFR			PR	ODUCT	ON RATES										1	LEAD	TIME	S					TOTA	L		REM	ARKS					
													A	Admin	istrativ	re			Produ	iction												
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM	_					ior 1 C	Oct	A	fter 1 C	Oct			1 Oct		_	fter 1									
1	Canberra Dover, Dover, NJ		100		600	2000	Е	_	nitial / l				0/0			9/9				/ 5			22 / 1		-							
2	Canberra Dover, Dover, NJ		100		600	2000	Е		nitial / l				0/0			1 / 1				/ 9			4 / 10									
3	Canberra Dover, Dover, NJ		2		50	200	Е	_	nitial / l				0/0			5 / 1			5				10 / 8									
4	Canberra Dover, Dover, NJ		100		600	2000	Е		nitial / l				0/0			10 / 0			5				15 / 0		-							
5	Canberra Dover, Dover, NJ		100		600	2000	Е		nitial / l				0/0			3/3				/ 5			11 / 8		-							
6	Canberra Dover, Dover, NJ		100		600	2000			nitial / l				0/0			3/3			7				10 / 1		-							
7	Canberra Dover, Dover, NJ		100		600	2000			nitial / l				0/0			3/3				/ 8			11 / 1		1							
8	Canberra Dover, Dover, NJ		5		20	60			nitial / l				0/0			3/3				/ 6			9/9		ł							
9	Canberra Dover, Dover, NJ Canberra Dover, Dover, NJ		20 100		50 600	200 2000			nitial / l nitial / l				0/0			5 / 1 1 / 1				/ 5 / 5			6/6		ł							
10	Canocita Dover, Dover, NJ		100		000	2000		11	mtiat / I	Keorde	CI		0/0			1/1			3	, 3			0/6									

Exhibit P-40, Budgo	et Item Justif	ïcation Shee	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	/CHEM-BIO DE	FENSE		P-1 Item Nome		1) AUTO CHEM	ICAL AGENT	ALARM (AC	CADA), M22	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	25978	1035								27013
Gross Cost	294.9	14.4								309.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	294.9	14.4								309.3
Initial Spares										
Total Proc Cost	294.9	14.4								309.3
Flyaway U/C										
Wpn Sys Proc U/C										
Wpn Sys Proc U/C										

**DESCRIPTION:** The Automatic Chemical Agent Detector and Alarm (ACADA) is a man-portable, automatic alarm system that is capable of detecting blister and nerve agent vapors. The ACADA has improved agent sensitivity, response time, and interferent rejection from previous point detector alarms. It operates independently after system start-up, automatically monitors and detects for a minimum of 24 hours, provides audio and visual alarms, and has a communication interface that supports battle space automation systems. The ACADA provides a first time, point detection capability to automatically detect blister agents. It allows battle space commanders to use information obtained to make rapid and effective decisions concerning adjusting the protective posture of their soldiers. The ACADA meets the critical needs of U.S. Forces for an automatic, point sampling, chemical agent alarm. A shipboard ACADA variant was developed to operate under specific shipboard environments; the 24/7 ACADA was developed to operate beyond the operational requirements of 12 hour missions and provide for continuous operation capability, 24 hours a day, 7 days a week; and the ACADA D was developed to detect non-traditional threat agents (NTA).

NOTE: The FY 2007 ACADA program contained \$6.6M of Emergency Supplemental Funding.

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/Budget Activity/Serial No. PROCUREMENT DEFENSE-WIDE/3/CHEM DEFENSE				(M98801	Item Nomencla ) AUTO CHEM (ACADA), M2	MICAL AGEN	Γ	Weapon Syste	m Type:	Date: Febru	nary 2008
Weapon System	ID					FY 07			FY 08			FY 09	
Cost Elements	CD				Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
					\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
M22 ACADA M22 ACADA Hardware	A				5511	471	11.701						
M22 ACADA (SUPPLEMENTAL) M22 ACADA Hardware (Supplemental)	A				6599	564	11.700						
OTHER COSTS  Engineering Support (Gov't)  System Fielding Support (Total Package Fielding, First Destination Transportation and New Equipment Training)					1628 699								
TOTAL					14437								

Weapon System Ty  Contract Method and Type  SS/FFP	Location of PCO  RDECOM, APG, MD	Award Date Dec-06		etem Nomeno (01) AUTO QTY Each	clature: CHEMICAL A Unit Cost \$	AGENT ALAI Spec/TDP Avail Now?	RM (ACAD Date Revsn Avail	PA), M22 RFP Issu Date
Method and Type		Date	Delivery	Each		Avail	Revsn	
SS/FFP	RDECOM, APG, MD	Dec-06	Mar-07	471				
				4/1	11701	Yes		
SS/FFP	RDECOM, APG, MD	May-07	Sep-07	564	11700	Yes		
SS/FFP	RDECOM, APG, MD	Dec-06	May-07	678	11701	Yes		
SS/FFP	RDECOM, APG, MD	Dec-06	May-07	216	11699	Yes		
SS/FFP	RDECOM, APG, MD	Dec-07	Jan-08	900	11038	Yes		
	SS/FFP SS/FFP	SS/FFP RDECOM, APG, MD SS/FFP RDECOM, APG, MD	SS/FFP RDECOM, APG, MD Dec-06 SS/FFP RDECOM, APG, MD Dec-06	SS/FFP RDECOM, APG, MD Dec-06 May-07  SS/FFP RDECOM, APG, MD Dec-06 May-07	SS/FFP RDECOM, APG, MD Dec-06 May-07 678  SS/FFP RDECOM, APG, MD Dec-06 May-07 216	SS/FFP RDECOM, APG, MD Dec-06 May-07 678 11701  SS/FFP RDECOM, APG, MD Dec-06 May-07 216 11699	SS/FFP RDECOM, APG, MD Dec-06 May-07 678 11701 Yes  SS/FFP RDECOM, APG, MD Dec-06 May-07 216 11699 Yes	SS/FFP RDECOM, APG, MD Dec-06 May-07 678 11701 Yes  SS/FFP RDECOM, APG, MD Dec-06 May-07 216 11699 Yes

REMARKS:

The ACADA contract type for all fiscal years is indefinite delivery/indefinite quantity (basic contract with no options).

FY07 Army Baseline and Bridge/Reset funds awarded on same contract but listed separately on P5A for tracking and reporting purposes.

Second   Part		F.,L:L:4 D21 D., d., e4:	C	ماده ماده			P-1 Item	Nomenclati		001) A	LITC	CIII	MIC	AT A	CEN	т л г	ADM	(AC	ADA:	Ma	2				Date	:		F.a	la an a carr	. 2009			
COST ELEMENTS    N		Exmidit P21, Producti	on S	cneaute					(IVI98	601) F	AUTC	СП					AKW	(AC	ADA,	), IVI 2	.2				]	Fiscal	Year		oruary	2000	•		
COST ELEMENTS R P V P LOCT T V C N B A B R R V V D LOCT T V C N B B R R V N L Q U D E C N B B R R V N L Q U D E C N B B R R V N L Q U D E C N B B R R V N L Q U D E C N B B R R V N L Q U D E C N B B R R V N L Q U D E C N B B R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N B R R R V N L Q U D E C N R B R R V N L Q U D E C N R B R R V N L Q U D E C N R B R R V N L Q U D E C N R B R R V N L Q U D E C N R B R R V N L Q U D E C N R B R R V N L Q U D E C N R B R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R R V N L Q U D E C N R R R V N L Q U D E C N R R R V N L Q U D E C N R R R V N L Q U D E C N R R R V N L Q U D E C N R R R V N L Q U D E C N R R R V N L Q U D E C N R R R V N L Q U D E C N R R R V N L Q U D E C N R R R V N L Q U D E C N R R R V N L Q U D E C N R R R V N L Q U D E C N R R R V N L Q U D E C N R R R V N L Q U D E C N R R V N L Q U D E C N R R V N L Q U D E C N R R V N L Q U D E C N R R V N L Q U D E C N R R V N L Q U D E C N R R V N L Q U D E C N R R V N L Q U D E C N R R V N L Q U D E C N R R V N L Q U D E C N R R V N L Q U D E C N R R V N L Q U D E C N R R V N L Q U D E C N R R					S			BAL								Cal	endar	· Yea	r 07								Cale	ndar `	Year (	8			L A
M22 ACADA Hardware (Supplemental)		COST ELEMENTS	F	FY	R		TO	AS OF	C	0	Ε	Α	Е	Α	P	Α	U	U	U	S E P	C	О	Е	Α	Е	Α	P	Α	Ü		U	Е	T E R
M22 ACADA Hardware (Supplemental)	M22 ACA	DA Hardwara	4	EV 06	Λ	1400	1100	300	300																$\vdash$	$\vdash$	╀		$\vdash$				
M22 ACADA Hardware (Supplemental)							1100		500	292	300	300	244											$\vdash$			+	+					
M22 ACADA Hardware (Supplemental)  4										272	500	500													F								
M22 ACADA Hardware (Amy Baseline) 5   FY 07	M22 ACA	.DA Hardware	5	FY 07	A	471		471			A			200	271																		
M22 ACADA Hardware (Army Bridge)  5   FY 07   A   216   216   A   495   A	M22 ACA	DA Hardware (Supplemental)	4	FY 07	Α	564		564								A				564													
M22 ACADAM4 JCAD Hardware (Main Army Sup 6 FY 07 NG 405 405 405 405 405 405 405 405 405 405	M22 ACA	DA Hardware (Army Baseline)	5	FY 07	A	678		678		Ш	A					113	300	265						$oxedsymbol{oxed}$									
M2 ACADA/M4 JCAD Hardware (Main Army Sup 6 FY 07 NG 405 405 405 405 405 405 405 405 405 405	M22 ACA	DA Hardware (Army Bridge)	5	FY 07	A	216		216			Α					216																	
MER   PRODUCTION RATES   PRODUCT	M22 ACA	.DA/M4 JCAD Hardware (Main Army Sup	6	FY 07	A	495		495															Α	495			$oxed{oxed}$						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	M22 ACA	.DA/M4 JCAD Hardware (Main Army Sup	6	FY 07	NG	405		405				Ш											A		405		_						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$												Ш															_						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$																											┖						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$												Ш															╙						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$									_			ш												_		_	╄						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$												Ш															╙						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$												Ш											_	_		_	┺						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$									_			Ш											_	_		_	╄	_	_				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$																										_	╄						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$																											-		-				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$												,					,			~			_	,	_				ı,	,		~	
Number         NAME/LOCATION         MIN.         1-8-5         MAX.         UOM         Admintantive         Production         After 1 Oct           1         Smiths Detection, Watford, UK         20         500         1500         E         Initial / Reorder         2/2         5/5         5/5         10/10           2         Smiths Detection, Watford, UK         20         500         1500         E         Initial / Reorder         2/2         9/4         7/5         16/9           3         Smiths Detection, Watford, UK         20         500         1500         E         Initial / Reorder         2/2         9/4         7/5         16/9           4         Smiths Detection, Edgewood, MD         20         500         1500         E         Initial / Reorder         0/0         7/7         4/5         11/12           5         Smiths Detection, Edgewood, MD         20         500         1500         E         Initial / Reorder         0/0         2/2         5/4         7/6           6         Smiths Detection, Edgewood, MD         20         500         1500         E         Initial / Reorder         0/0         1/14         4/2         15/16									С	0	Е	Α	Е	Α	P	Α	U	U	U	Е	C	О	Е	Α	Е	Α	P	Α	U	U	U	Е	
Number         NAME/LOCATION         MIN.         1-8-5         MAX.         UOM         Prior 1 Oct         After 1 Oct         After 1 Oct           1         Smiths Detection, Watford, UK         20         500         1500         E         Initial/Reorder         2/2         5/5         5/5         10/10           2         Smiths Detection, Watford, UK         20         500         1500         E         Initial/Reorder         2/2         9/4         7/5         16/9           3         Smiths Detection, Watford, UK         20         500         1500         E         Initial/Reorder         2/2         9/4         7/5         16/9           4         Smiths Detection, Edgewood, MD         20         500         1500         E         Initial/Reorder         0/0         7/7         4/5         11/12           5         Smiths Detection, Edgewood, MD         20         500         1500         E         Initial/Reorder         0/0         2/2         5/4         7/6           6         Smiths Detection, Edgewood, MD         20         500         1500         Initial/Reorder         0/0         11/14         4/2         15/16	MFR			PR	ODUCT	ION RATES										I	EAD '	ГІМЕ	S					TOTA	L		REM	ARKS					
1         Smiths Detection, Watford, UK         20         500         1500         E         Initial / Reorder         2/2         5/5         5/5         10/10           2         Smiths Detection, Watford, UK         20         500         1500         E         Initial / Reorder         2/2         9/4         7/5         16/9           3         Smiths Detection, Watford, UK         20         500         1500         E         Initial / Reorder         2/2         9/4         7/5         16/9           4         Smiths Detection, Edgewood, MD         20         500         1500         E         Initial / Reorder         0/0         7/7         4/5         11/12           5         Smiths Detection, Edgewood, MD         20         500         1500         E         Initial / Reorder         0/0         2/2         5/4         7/6           6         Smiths Detection, Edgewood, MD         20         500         1500         Initial / Reorder         0/0         11/14         4/2         15/16																																	
2       Smiths Detection, Watford, UK       20       500       1500       E       Initial / Reorder       2/2       9/4       7/5       16/9         3       Smiths Detection, Watford, UK       20       500       1500       E       Initial / Reorder       2/2       9/4       7/5       16/9         4       Smiths Detection, Edgewood, MD       20       500       1500       E       Initial / Reorder       0/0       7/7       4/5       11/12         5       Smiths Detection, Edgewood, MD       20       500       1500       E       Initial / Reorder       0/0       2/2       5/4       7/6         6       Smiths Detection, Edgewood, MD       20       500       1500       Initial / Reorder       0/0       11/14       4/2       15/16									_						ct			)ct					Α			4							
3         Smiths Detection, Watford, UK         20         500         1500         E         Initial / Reorder         2/2         9/4         7/5         16/9           4         Smiths Detection, Edgewood, MD         20         500         1500         E         Initial / Reorder         0/0         7/7         4/5         11/12           5         Smiths Detection, Edgewood, MD         20         500         1500         E         Initial / Reorder         0/0         2/2         5/4         7/6           6         Smiths Detection, Edgewood, MD         20         500         1500         Initial / Reorder         0/0         11/14         4/2         15/16					_																					4							
4       Smiths Detection, Edgewood, MD       20       500       1500       E       Initial / Reorder       0 / 0       7 / 7       4 / 5       11 / 12         5       Smiths Detection, Edgewood, MD       20       500       1500       E       Initial / Reorder       0 / 0       2 / 2       5 / 4       7 / 6         6       Smiths Detection, Edgewood, MD       20       500       1500       Initial / Reorder       0 / 0       11 / 14       4 / 2       15 / 16																																	
5     Smiths Detection, Edgewood, MD     20     500     1500     E     Initial / Reorder     0 / 0     2 / 2     5 / 4     7 / 6       6     Smiths Detection, Edgewood, MD     20     500     1500     Initial / Reorder     0 / 0     11 / 14     4 / 2     15 / 16																										-							
6 Smiths Detection, Edgewood, MD 20 500 1500 Initial / Reorder 0 / 0 11 / 14 4 / 2 15 / 16																										4							
		•						E	_																	4							
/ Smiths Detection, Edgewood, MiD 52 525 1500 Initial / Reorder 0 / 0 6 / 6 4 / 4 10 / 10									_																	-							
	7	Smiths Detection, Edgewood, MD		52		525	1500		I	nitial / I	Reorde	er		0/0			6/6			4.	/ 4			10 / 1	U	1							
																										1							

Exhibit P-40, B	udget Item Justif	ication She	et		Γ	Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-W	IDE/3/CHEM-BIO DE	FENSE		P-1 Item Nome		JOINT NBC R	ECONNAISS <i>E</i>	ANCE SYSTE	EM (JNBCRS)	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	6		1	17	20	13	17	17		91
Gross Cost	128.2	46.1	31.7	64.3	100.5	118.4	158.3	162.6	Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	128.2	46.1	31.7	64.3	100.5	118.4	158.3	162.6	Continuing	Continuing
Initial Spares										
Total Proc Cost	128.2	46.1	31.7	64.3	100.5	118.4	158.3	162.6	Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

**DESCRIPTION:** The Joint Nuclear Biological and Chemical Reconnaissance Systems (JNBCRS) Light Armored Vehicles will provide field commanders with point and stand-off intelligence for real time field assessment of NBC hazards.

The Joint Nuclear Biological and Chemical Reconnaissance System I (JNBCRS 1), formerly the JSLNBCRS, is a NBC detection and identification system. The major segments are the Base Vehicle (BV), Command and Control, and NBC Equipment Suite. The base vehicle segment consists of the vehicle, life support subsystem, and power supply subsystems. The NBC equipment suite performs the vital functions of detecting, identifying, collecting, reporting, and marking NBC hazards and toxic industrial chemicals.

The JNBCRS II fills a mission critical dismounted need to enhance Chemical, Biological, Nuclear (CBRN) reconnaissance platoon capabilities. The JNBCRS II contains mission essential kits consisting of both commercial and government off-the-shelf equipment to provide detection, presumptive identification, sample collection, marking, and immediate reporting of standard NBC hazards, to include hazardous industrial materials.

The JNBCRS III integrates improved sensors into the JNBCRS, while optimizing design to improve human factor aspects of the configurations. The sensor suites consist of the following: Joint Contaminated Surface Detector (JCSD), Chemical Biological Mass Spectrometer II, Biological Agent Warning Sensor IV, and Dry Filter Unit in lieu of the Joint Biological Point Detection System

JUSTIFICATION: FY09 JNBCRS I funds integrate 20 LAVs.

FY09 JNBCRS II funds procure 4 sets of equipment, training devices, and initial spares for commercial and government off-the-shelf (COTS & GOTS) equipment.

Exhibit P-40C, Budget Item Justific	ation Sheet	t		Date: February 2008
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		P-1 Item Nomenclature (MC0100	)) JOINT NBC RECONNAISSANCE SYSTEM (JNBCRS)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj CA4; 0604384BP/Proj CA5	В			

## RDT&E Code B Item

The Joint Nuclear Biological and Chemical Reconnaissance Systems (JNBCRS) Light Armored Vehicles, and the Stryker provide field commanders with point and stand-off intelligence for real time field assessment of NBC hazards. The Joint Nuclear Biological and Chemical Reconnaissance System I (JNBCRS 1), formerly the JSLNBCRS, is an NBC detection and identification system. Major segments are the Base Vehicle (BV), Command and Control, and NBC Equipment Suite. The base vehicle segment consists of the vehicle, life support subsystem, and power supply subsystems. The NBC equipment suite performs the vital functions of detecting, identifying, collecting, reporting, and marking NBC hazards and toxic industrial chemicals. The JNBCRS II fills a mission critical need to enhance Chemical, Biological, Nuclear (CBRN) reconnaissance platoon capabilities. The JNBCRS II contains mission essential kits consisting of both commercial and government off-the-shelf equipment to provide detection, presumptive identification, sample collection, marking, and immediate reporting of standard NBC hazards, to include hazardous industrial materials. The JNBCRS III integrates improved sensors into the JNBCRS, while optimizing design to improve human factor aspects of the configurations. The sensor suites consist of the following: Joint Contaminated Surface Detector (JCSD), Chemical Biological Mass Spectrometer II, Biological Agent Warning Sensor IV, and Dry Filter Unit in lieu of the Joint Biological Point Detection System

RDT&E FY06 and Prior - 124.0M; FY07 - 1.6M; FY08 - 11.3M; FY09 - 9.5M; FY10 - 9.0M; FY11 - 5.3M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
JNBCRS I HMMWV (LRIP) First Article Test (FAT)	4Q FY05	4Q FY05
JNBCRS I Multi-service Operational Test and Evaluation (MOT&E) for HMMWV and the LAV	3Q FY06	4Q FY06
JNBCRS I Milestone C Full Rate Production (FRP) Decision	1Q FY09	1Q FY09
JNBCRS II Prod Verification Test - Commercial off-the-shelf Equip	3Q FY09	2Q FY10
CBMS II - Chemical/Biological Full & Open Competition	4Q FY08	3Q FY09
JCSD - Hardware Maturation Effort	1Q FY08	4Q FY08
JCSD - Environmental &Reliability Growth Testing	1Q FY09	3Q FY09

Exhibit P-5, Weapon WPN SYST Cost Analysis		 _	Activity/Serial N ISE-WIDE/3/CHE		(MC010	ttem Nomencl 0) JOINT NBC M (JNBCRS)	ature: RECONNAISS	SANCE	Weapon Syster	т Туре:	Date: Febru	nary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
INC II - DISMOUNTED												
Dismounted (JNBCRS II)							2280	3	760	3040	4	760
Initial Spares							320			1241		
Production Verification Test (PVT)										750		
Training Devices										1000		
Specifications & Drawings										950		
Technical Manuals										1500		
Engineering Support (Govt)							62			1000		
INC I - LAV II												
LAV II Variant - Base Vehicle (JNBCRS I)										9400	4	2350
CBMS II (Refurb)	В			1506								
ACADA (Depot Purchase)							154	14	11			
ICAM (Depot Purchase)							84	14	6			
RADIAC ADM 300							14	14	1			
Comm/Nav Equipment	В						154	14	11			
Components for FRP Assembly Contract (LAV II)										28840	20	1442
LAV Integration and Assembly										9060	20	453
Test Support/Acceptance/First Article Test				2995			1989			875		
Software Development				655			1116					
ECOs				1800			942			765		
Long Lead Contractor Furnished Equipt							5525					
Engineering and Technical Support (Gov't)				2175			3519			2078		
Quality Control (Gov't)				1250			755					
Specifications and Drawings				695			755			190		
Training Materials							631					
Technical Manuals				1400			1500			850		
System Fielding Support (Total Package Fielding,				170								
First Destination Transportation, New												
Equipment Training)												
Non-recurring Engineering				1829			2060			873		
LRIP Continuation				18000								
Deficiency Correction Testing				8084			4530					

Exhibit P-5, Weapon WPN SYST Cost Analysis			activity/Serial N SE-WIDE/3/CHE		(MC010	Item Nomencla 0) JOINT NBC 1/4 (JNBCRS)		SANCE	Weapon Syster	т Туре:	Date: Febro	uary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
CFE Refurb Sys Eng Pgm Mgmt				3613 1914			3100 2170			1921		
TOTAL				46086			31660			64333		

	Exhibit P-5a, Budget P	rocurement His	tory and Planning					Date:	ebruary 200	08
ppropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/	CHEM-BIO DEFENSE	Weapon System Type	:		P-1 Line It (MC010	tem Nomenc 00) JOINT N	clature: NBC RECONN	NAISSANCE S	SYSTEM (J	INBCRS)
/BS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issu Date
Dismounted (JNBCRS II)										
FY 08	Engineering Chem Bio Center (ECBC) APG-EA	MIPR	ECBC, Edgewood, MD	Nov-07	Mar-08	3	760000	Yes		
FY 09	Unknown	C/FFP	Unknown	Dec-08	Jun-09	4	760000	Yes		
LAV II Variant - Base Vehicle (JNBCRS I)			m. co							
FY 09	General Dynamics, Sterling Heights, MI	C/FFP (OPT 1)	TACOM, RI, IL	Jan-09	Jan-10	4	2350000	Yes		
LAV Integration and Assembly										
FY 09	Unknown	C/FFP	Unknown	Jan-09	Feb-10	20	453000	Yes		

						P-1 Item	Nomenclati										~			~.				Date:					•			
	Exhibit P21, Product	ion S	chedule				()	MC01	.00) J(	)INT	NBC					ESY	STE	M (JN	BCR	S)					¥1	Year		oruary	2008	1		
												FI	scai	Year		enda	r Von	r 07						r				ear 0	Q			L
	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
LAV II V	ariant - Base Vehicle (JNBCRS I)	3	FY 05	МС	8		8																					2	2	2	2	
LAV II V	ariant - Base Vehicle (JNBCRS I)	3	FY 06	МС	8		8																					2	2	2	2	
Dismount	ed (JNBCRS II)	6	FY 08	A	3		3														Α				1					2		
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES								^	Amini	I istrativ	LEAD	TIME		Produ	action			ТОТА	L	ı	REM.		for L	V II V	/ariant	Baca	
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM						ior 1 C			fter 1 C	Oct		After	1 Oct		A	fter 1		Veh	icles w	as awa	arded in	n May	06 usin 's initia	g FY(	)5 and
2	Northrop Grumman, Sierra Vista, AZ		2		3	10 10	E E		nitial / l				3/0			4/5 7/11				10			6 / 15		adm	inistra	tive lea	d time		ulated		FY06
3	Northrop Grumman, Sierra Vista, AZ General Dynamics, Sterling Heights, MI		2		6	4	E E		nitial / l nitial / l				0/0 6/0			7/11				/ 8 / 13		_	23 / 1		func	ls as th	e coun	t basis.				
4	Unknown		2		6	10	E		nitial / l				0/0			8/3				/ 14			22 / 1		1							
5	Unknown		2		2	4	Е	Initial / Reorder 0 / 0 7 / 2 2 /											9/9		1											
6	Engineering Chem Bio Center (ECBC) APG-EA		1		2	4		Iı	nitial / l	Reorde	er		0/0			1 / 1			5	/ 5			6/6									

						P-1 Item	Nomenclat	ure:																Date:								
	Exhibit P21, Produc	tion S	chedule				(	MC01	00) J0	DINT	NBC	REC	ONN	AISS	ANC.	E SY	STEN	M (JN	BCR	S)							Fel	oruary	2008			
												Fi	scal Y	Year (	09									F	iscal	Year	10					
				S	PROC	ACCEP	BAL								Cal	endaı	r Yea	ır 09								Calen	dar Y	ear 1	0			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
	ted (JNBCRS II)	5	FY 09	J	4		4			A		_				2	2					_	_			_						
	ariant - Base Vehicle (JNBCRS I)	3	FY 09	MC	4		4				Α												2	2								
LAV Inte	gration and Assembly	4	FY 09	MC	20		20				Α												_	2	2	2	2	2	2	2	2	4
												_										-	-		_	-						
												_										-	-		_	_						
																							_									
												_										-	-			-						
		+															_					$\vdash$	⊢	$\vdash$	-				_			
																								_								
												_										┢	┢	-		-						
																						-	-	-		_						
												_										-	-			-						
												_										┢	┢	-		-						
												_										-	-	-		-						
												_										-	-			-						
		_																					-									
		_										_					_					-	┢			-			_			
		_																				$\vdash$	$\vdash$			-						
																						$\vdash$										
																							-									
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT:	ON RATES										L	EAD	TIME	S					TOTA	L		REM	ARKS					
													Α	dmini	strativ	e			Prod	uction					The	base c	ontract	for LA	V II V	/ariant	Base	
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 C	Oct .	Af	ter 1 C	Oct		After	1 Oct		A	fter 1	Oct				ırded ir			-	)5 and
1	Northrop Grumman, Sierra Vista, AZ		2		3	10	Е	Iı	nitial / l	Reorde	er		3/0			4/5			2 /	/ 10			6 / 15	5				nufactu d time				EV06
2	Northrop Grumman, Sierra Vista, AZ		2		6	10	Е	Iı	nitial / l	Reorde	er		0/0			7 / 11			16	5 / 8			23 / 1	9					is cale	uiated	using	1.100
3	General Dynamics, Sterling Heights, MI		2		2	4	Е	Iı	nitial / ]	Reorde	er		6/0			7/3			26	/ 13			33 / 1	6	funds as the count basis.							
4	Unknown		2		6	10	Е	Iı	nitial / ]	Reorde	er		0/0			8/3			14	/ 14			22 / 1	7								
5	Unknown		2		2	4	Е	Iı	nitial / ]	Reorde	er		0/0			7/2			2	/7			9/9									
6	Engineering Chem Bio Center (ECBC) APG-E	A	1		2	4		Iı	nitial / l	Reorde	er		0/0			1/1			5	/ 5			6/6									
																									1							

						P-1 Item	Nomenclati										~			~.				Date:			_		• • • •			
	Exhibit P21, Product	ion S	chedule				()	MC01	.00) J(	OINT	NBC					ESY	STEN	M (JN	BCR	S)								bruary	/ 2008	3		
											<u> </u>	Fi	iscal `	Year										ŀ		Year						L
		М	FY	S	PROC	ACCEP	BAL									endaı												Year 1	12			Α
	COST ELEMENTS	M F R	Γĭ	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
I AV Inte	gration and Assembly	4	FY 09	MC	20	16	4	2	2																	┢						
LIV Inc.	gration and resembly	7	110)	MC	20	10	-	2	2													$\vdash$				$\vdash$						
																										Н						
																										Т						
																										Г						
																										L						
																										┖						
																						L		_	╙	┡						
								_									_					_		_	_	┡			_			
																						H				┡						
																						┢		-	-	┡						
																										┢						
																										┢						
																						$\vdash$		$\vdash$	$\vdash$	┢						
																						$\vdash$				┢						
																										Н						
																						$\vdash$				┢						
								0	N	D	J	F	М	A	М	J	J	A	S	0	N	D	J	F	М	Α	М	J	J	Α	S	
								C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R		A Y	U N	U L	U G	E P	
MFR			PR	ODUCT	ION RATES										I	LEAD	TIME	S					TOTA	L		REM	ARKS					
													A	Admini					Produ	ıction		1								Variant		
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM						ior 1 C	Oct	Ai	fter 1 C	Oct			1 Oct		A	fter 1							06 usin 's initia		)5 and
1	Northrop Grumman, Sierra Vista, AZ		2		3	10	Е		nitial / l				3/0			4/5				10		⊢	6 / 15							culated		FY06
2	Northrop Grumman, Sierra Vista, AZ		2		6	10	Е	_	nitial / l				0/0			7/11				/ 8		_	23 / 1		func	ds as th	ne cou	nt basis				
3	General Dynamics, Sterling Heights, MI		2		2	4	E		nitial / I				6/0			7/3				/ 13		_	33 / 1		1							
4 5	Unknown Unknown		2		6 2	10 4	E E		nitial / l nitial / l				0/0			8/3 7/2			14	/ 14		$\vdash$	22 / 1 9 / 9		1							
6	Engineering Chem Bio Center (ECBC) APG-EA		1		2	4	Е	_	nitial / l				0/0			1/1				/ /			6/6		1							
U	Engineering Chem Bio Center (ECDC) APG-EA		1		-	+		11	iitidl /	corde	J4		0/0			1/1			,	, ,		$\vdash$	0/0		1							
																						$\vdash$			1							
																						$\vdash$			1							

Exhibit P-40, Budge	et Item Justif	ication Shee	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	/CHEM-BIO DE	FENSE		P-1 Item Nome		1) IMPROVED C	HEMICAL AG	GENT MONIT	OR (ICAM)	
Program Elements for Code B Items:		Code:	Other Relate	d Program Elem	nents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	19359						20286			
Gross Cost	103.1	5.5								108.6
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	103.1	5.5								108.6
Initial Spares										
Total Proc Cost	103.1	5.5								108.6
Flyaway U/C										
Wpn Sys Proc U/C										

**DESCRIPTION:** The Improved Chemical Agent Monitor (ICAM) is a hand-held service member operated device for monitoring chemical agent contamination on personnel and equipment. It detects chemical agent vapors by sensing molecular ions of specific mobilities (time-of-flight) and uses timing and microprocessor techniques to reject interferences and false alarms. The ICAM is able to detect and discriminate between vapors of nerve and mustard agents in addition to being able to identify and provide positive indication of specific areas and relative levels of contamination hazard. The monitor consists of a drift tube, signal processor, molecular sieve, membrane, confidence tester, dust filters, buzzer, and battery pack. It measures 4-inches by 7-inches and weighs approximately 5 lbs. The ICAM is a smaller, lighter upgrade of the CAM which significantly improves maintainability with fix forward-modular repair and improves reliability by 300%.

NOTE: The FY 2007 ICAM program contains \$5.5M of Congressional Plus-up Funding.

Exhibit P-5, Weapon WPN SYST Cost Analysis			activity/Serial No		(S02201)	Item Nomencla ) IMPROVED O OR (ICAM)		GENT	Weapon Syste	т Туре:	Date: Febru	ary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
ICAM HARDWARE - SUPPLEMENTAL												
ICAM Hardware - Congressional Plus-up	A			4263	927	4.599						
System Fielding Support (Total Package Fielding, First Destination Transportation & New Equipment Training) (Gov't)				375								
Engineering Support (Gov't)				862								
TOTAL				5500								

	Exhibit P-5a, Budget	t Procurement H	istory and Planning					Date:	February 200	08
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	/CHEM-BIO DEFENSE	Weapon System Ty	pe:			tem Nomeno 01) IMPRO	clature: VED CHEMIC	CAL AGENT	MONITOR	(ICAM)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
ICAM Hardware - Congressional Plus-up										
FY 07	Smiths Detection, Edgewood, MD	C/FFP	TACOM, Rock Island, IL	Dec-06	Mar-09	927	4599	Yes		
ICAM Hardware (Army Baseline)										
FY 07	Smiths Detection, Edgewood, MD	C/FFP	TACOM, Rock Island, IL	Dec-06	Oct-08	700	4599	Yes		
FY 09	Smiths Detection, Edgewood, MD	C/FFP	TACOM, Rock Island, IL	Dec-08	Sep-09	960	5103	Yes		
ICAM Hardware (Army Bridge)										
FY 07	Smiths Detection, Edgewood, MD	C/FFP	TACOM, Rock Island, IL	Dec-06	Sep-08	139	4599	Yes		
	Smiths Detection, Edgewood, MD	C/FFP	TACOM, Rock Island, IL	Dec-06	Nov-08	1583	4599	Yes		
ICAM Hardware (Army Supplemental)										
FY 07	Smiths Detection, Edgewood, MD	C/FFP	TACOM, Rock Island, IL	Sep-07	Jul-09	610	4602	Yes		
REMARKS:										

						P-1 Item	Nomenclat																	Date:								
	Exhibit P21, Produ	iction S	chedule					(S022	201) IN	APR C	OVED	CHE	MIC	AL A	GEN'	T MC	NIT	OR (I	CAM	)							Fe	bruary	2008	3		
												Fi	scal Y	Year	07									F	iscal	Year	08					
				S	PROC	ACCEP	BAL	ı							Cal	enda	r Yea	ar 07							(	Caler	dar Y	ear (	8			L A
		M	FY	Е	QTY	PRIOR	DUE	О	N	D	J	F	M	A	M	J	J	Α	S	О	N	D	J	F	M	A	M	J	J	Α	S	T
	COST ELEMENTS	F R		R V	Each	TO 1 OCT	AS OF 1 OCT	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	E R
								•	, ,	-	11	Б	K	K	1	11	L	G	1	1	*	C	11	Б	K	K	1	11	L	J	1	K
ICAM H	ırdware USAF	4	FY 05	A	219		219		Н							82	137															
1011111	auwar opin		11 00	-11	217		217		Н							02	137									Н			Н			
ICAM Ha	ırdware	4	FY 06	A	652		652		П																74	170	100	288	20			
ICAM Ha	ırdware	4	FY 06	N	854		854		П																	230	300	112	212			
ICAM Ha	rdware - Supplemental	5	FY 06	A	836		836																						118	400	318	
ICAM M	isc Customers	6	FY 06	Α	82		82																18		64							
ICAM JP	M Guardian	6	FY 06	J	225		225																	63	162							
									Ш								<u> </u>						_	_		L		_	_	Ш		
	rdware - Congressional Plus-up	7	FY 07	NG	927		927	_		A																L						927
	ardware (Army Baseline)	7	FY 07	A	700		700	_	Ш	A		_											_			_			_			700
	ardware (Army Bridge)	7	FY 07	A	139		139	-		A		_	_					-					_			_			L		82	57
	ardware (Army Bridge)	7	FY 07	NG	1583		1583	-	Н	A																						1583
ICAM Ha	ardware (Army Supplemental)	8	FY 07	A	610		610	-	Н			_						-	A													610
								-	$\vdash$																	$\vdash$			Н			
								-	Н																							
									Н																							
									Н																							
									П																				Г			
								0	Ŋ	Г.	¥	Г	M		M	Y	¥		C	0	N	ъ	Ţ	_			M	Ţ	Ţ		C	
								O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	
								Ť	v	Ċ	N	В	R	R	Y	Ñ	Ĺ	Ğ	P	Ť	V	Ċ	N	В	R	R	Y	N	Ĺ	Ğ	P	
MFR			PR	ODUCT	ION RATES										ī	LEAD	TIME	ES.					ТОТА	L		REM.	ARKS					
													А	Admini	strativ	re			Prod	uction		1			JPM	I Guar	dian fu	nding i	is shov	vn sepai	ately	on
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	or 1 O	Oct	Af	fter 1 C	Oct		After	1 Oct		A	fter 1	Oct						custon	ner de	liveries
1	General Dynamics-ATP, Charlotte, NC		50		300	600	Е	Iı	nitial / l	Reorde	er		0/0			20 / 4			3 /	13			23 / 1	7	are j	paybac	k to A	rmy un	its.			
2	General Dynamics-ATP, Charlotte, NC		50		300	600	E	Iı	nitial / l	Reorde	er		0/0			8 / 1			11	/0			19 / 1									
3	General Dynamics-ATP, Charlotte, NC		50		300	600	Е	Iı	nitial / l	Reorde	er		0/0			8 / 1			8 /	16			16 / 1	7								
4	Smiths Detection, Edgewood, MD		50		175	400	Е	_	nitial / l				0/0			5/5				/ 19			21 / 2		1							
5	Smiths Detection, Edgewood, MD		50		175	400	Е		nitial / l				0/0			11 / 0				/ 0			30 / 0		-							
6	Smiths Detection, Edgewood, MD		50		175	400			nitial / l				0/0			5/5				/ 17		_	21 / 2		1							
7	Smiths Detection, Edgewood, MD		50		175	400	Е	_	nitial / l				0/0			2/3		-		/ 20		_	22 / 2		-							
8	Smiths Detection, Edgewood, MD		50		175	400		Iı	nitial / l	Reorde	er		0/0			10 / 3		$\vdash$	24	/ 16			34 / 1	9	1							

	Errhibit D21 Duode	ration C	ob odulo			P-1 Item	Nomenclati		01) IX	ADD C	WED	CUE	MIC	A T A	CEN	т мо	NITO	OR (IC	'A MO	`			1	Date:			Eal	bruary	2009	,		
	Exhibit P21, Produ	icuon S					(3022	.01) IN	VIPKC	VED		scal Y			1 MO	NIIC	JK (IC	.AIVI)	,				F	iscal	Year		oruary	2006	<b>S</b>			
				S	PROC	ACCEP	BAL									endar	Yea	r 09										ear 1	0			L
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
	ardware - Congressional Plus-up	7	FY 07	NG	927		927					_	60	400	400	67		Н					H			┢						
	ardware (Army Baseline)	7	FY 07	A	700	0.0	700	343	357									Н					H			-						
	ardware (Army Bridge)	7	FY 07	A	139	82	57	57																								
	ardware (Army Bridge)	7 8	FY 07	NG	1583		1583		43	400	400	400	340					Н					$\vdash$			-				Н		
ICAM Ha	ardware (Army Supplemental)	8	FY 07	A	610		610					_					157	400	53				$\vdash$			-			_	Н		
ICAM H	andyrone (Amery Recaling)	8	FY 09	Δ.	960		960											Н														
ICAM Ha	ardware (Army Baseline)	8	FY 09	A	960		960			A								Н	346	400	214		$\vdash$			-						
																		Н					Н							Н		
																		Н														
																		Н												Н		
																		Н					Н							Н		
																		Н														
																		Н					$\vdash$									
																		Н												Н		
																		Н												Н		
																		Н												Н		
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES										I	EAD 7	ГІМЕ	S				,	ГОТА	L		REMA	ARKS					
													Α	Admini	istrativ				Produ	ction					l			nding i	s shov	n sepai	ately (	on
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM					Pri	ior 1 O	)ct	Af	fter 1 O	ct		After	1 Oct		A	fter 1 (	Oct				-		custon		
1	General Dynamics-ATP, Charlotte, NC		50		300	600	Е	I	nitial / l	Reorde	er		0/0			20 / 4			3 /	13			23 / 1	7	are j	paybac	k to A	rmy un	its.			
2	General Dynamics-ATP, Charlotte, NC		50		300	600	Е		nitial / l				0/0			8 / 1			11				19 / 1		1							
3	General Dynamics-ATP, Charlotte, NC		50		300	600	Е	Iı	nitial / l	Reorde	er		0/0			8 / 1			8 /	16			16 / 1	7								
4	Smiths Detection, Edgewood, MD		50		175	400	Е	Iı	nitial / l	Reorde	er		0/0			5/5			16 /	/ 19			21 / 24	4								
5	Smiths Detection, Edgewood, MD		50		175	400	Е	Iı	nitial / l	Reorde	er		0/0			11/0			19	/ 0			30 / 0	)								
6	Smiths Detection, Edgewood, MD		50		175	400		Iı	nitial / l	Reorde	er		0/0			5/5			16 /	/ 17			21 / 2:	2								
7	Smiths Detection, Edgewood, MD		50		175	400	Е	Iı	nitial / l	Reorde	er		0/0			2/3			20 /	/ 20			22 / 2:	3								
8	Smiths Detection, Edgewood, MD		50		175	400		Iı	nitial / l	Reorde	er		0/0			10/3			24 /	/ 16			34 / 19	9								

Exhibit P-40, Budg	et Item Justif	ication She	et			Date:	F	ebruary 2008		
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3	3/CHEM-BIO DE	FENSE		P-1 Item Nome		IS LTWT STAN	DOFF CW AC	T DETECTO	R (JSLSCAD)	
Program Elements for Code B Items:		Code:	Other Relate	ed Program Elem	ents:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	51	15								66
Gross Cost	26.3	13.2	16.3					9.9	Continuing	Continuing
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc (P-1)	26.3	13.2	16.3					9.9	Continuing	Continuing
Initial Spares										
Total Proc Cost	26.3	13.2	16.3					9.9	Continuing	Continuing
Flyaway U/C										
Wpn Sys Proc U/C										

**DESCRIPTION:** The Joint Service Lightweight Standoff Chemical Agent Detector (JSLSCAD) Increment I is a lightweight, passive, standoff, chemical warfare agent (CWA) vapor detector that improves upon the capabilities of the current M21 Remote Sensing Chemical Agent Alarm (RSCAAL). It is a line-of-sight, infrared (IR) detection system that provides up to 360 degree coverage, while stationary or on-the-move, at distances up to two (2) kilometers. JSLSCAD provides warfighters an early warning capability to avoid contaminated battle spaces or, if avoidance is not possible, time to don full protective equipment (i.e., Mission Oriented Protective Posture (MOPP) gear). The JSLSCAD Increment I provides these capabilities while integrated within the Army Stryker Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV).

Exhibit P-40C, Budget Item Justific	ation Shee	t		Date: February 2008
Appropriation/Budget Activity/Serial No:			P-1 Item Nomenclature	
PROCUREMENT DEFENSE-WIDE/3/CHEM-BIO DEFE	NSE		(S10801)	JS LTWT STANDOFF CW AGT DETECTOR (JSLSCAD)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
0603884BP/Proj CA4; 0604384BP/Proj CA5	В			

## **RDT&E Code B Item**

The Joint Service Lightweight Standoff Chemical Agent Detector (JSLSCAD) Increment I is a lightweight, passive, standoff, chemical warfare agent (CWA) vapor detector that improves upon the capabilities of the current M21 Remote Sensing Chemical Agent Alarm (RSCAAL). It is a line-of-sight, infrared (IR) detection system that provides up to 360 degree coverage, while stationary or on-the-move, at distances up to two (2) kilometers. JSLSCAD provides warfighters an early warning capability to avoid contaminated battle spaces or, if avoidance is not possible, time to don full protective equipment (i.e., Mission Oriented Protective Posture (MOPP) gear). The JSLSCAD Increment I provides these capabilities while integrated within the Army Stryker Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV).

RDT&E FY06 and Prior - 145.6M; FY07 - 15.7M; FY09 - 3.5M; FY10 - 11.1M; FY11 - 10.0M; FY12 - 7.1M; FY13 - 6.4M

DEVELOPMENT/TEST STATUS AND MAJOR MILESTONES	START	COMPLETE
Milestone C/Low Rate Initial Production (LRIP) Decision	2Q FY07	2Q FY07
LRIP Contract Award	4Q FY07	4Q FY07
Full Rate Production (FRP) Decision	2Q FY08	2Q FY08
System of Systems Approach	1Q FY07	1Q FY09
Engineering Development Test (EDT)	4Q FY07	4Q FY07

Exhibit P-5, Weapon WPN SYST Cost Analysis			Activity/Serial No SE-WIDE/3/CHE		(S10801)	Item Nomencla ) JS LTWT STA FOR (JSLSCAD	ANDOFF CW A	AGT	Weapon Syste	т Туре:	Date: Febru	nary 2008
Weapon System	ID				FY 07			FY 08			FY 09	
Cost Elements	CD			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JSLSCAD  JSLSCAD Hardware  Engineering Support  Contractor Logistics Support  Technical Data, Engineering Change Proposals (ECPs)  System Fielding Support (Total Package Fielding, First Destination Transportation and NET)  Pre-Planned Product Improvement (P3I)  First Article Test Specifications and Drawings  Non-recurring Engineering  Software Modifications	A			5625 922 650 1500 1050 3500	15	375	1092 800 1500 9000 940 1500					
TOTAL				13247			16332					

	Exhibit P-5a, Budget P	rocurement Hist	ory and Planning					Date: F	ebruary 200	8
Appropriation/Budget Activity/Serial No: PROCUREMENT DEFENSE-WIDE/3/CHI	EM-BIO DEFENSE	Weapon System Type:			P-1 Line It (S10801	em Nomenc ) JS LTWT	lature: STANDOFF (	CW AGT DET	ECTOR (JS	SLSCAD)
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date 1st Delivery	QTY Each	Unit Cost \$	Spec/TDP Avail Now?	Date Revsn Avail	RFP Issue Date
JSLSCAD Hardware FY 07	General Dynamics, Charlotte, NC	C/CPIF	RDECOM, APG, MD	Jul-07	Dec-08	15	375000	Yes		
REMARKS:										

	E 1 11 1/ P24 P 1	Exhibit P21, Production Schedule  P-1 Item Nomenclature:  (S10801) JS LTWT STANDOFF CW AGT DETECTOR (JSLSCAD)															Date					200	0									
	Exhibit P21, Produc	ction S	chedule				(5	51080	1) JS	LTW	I STA			OW A Year		)ETE	CTOI	R (JSI	SCA	.D)				,	Fiscal	I V oo		bruar	y 200	8		
				~								FI	iscai	1 ear		lenda	r Ves	ar 07					Г					Year	08			L
	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U	S E P	O C T	N O V	D E C	J A N	F E B	M A	A P	M A	J U	J U		S E P	A T E R
ICI CCAT	Hardware (FAT)	2	FY 06	A	10		10										A							┝	╀	╀		+		10		
	Hardware (LRIP)	1	FY 06	A	10		10										A						$\vdash$			+	+	+	Н	10	3	7
	,																															
JSLSCAL	) Hardware	3	FY 07	A	15		15										Α															15
																									+	┿	+	+	┢			_
																							Н			+			Н			
																									-	╀	+	╀	┡			_
																							Н		+	╫	+	+	⊢			
																							H			+	+	$\vdash$	Н			
																									-	╀	+	╀	┡			
																							$\vdash$		+	┿	+	+	⊢			-
																										+			Н			
								O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	Α	P	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES										1	LEAD	TIME	ES					TOTA	L		REM	IARK!	S				
														Admin						uction												
Number 1	NAME/LOCATION  General Dynamics, Charlotte, NC		MIN. 3		1-8-5 6	MAX. 17	UOM E	т.	nitial / l	Docad.	· ·		ior 1 C		A	fter 1 (				1 Oct / 15		_	fter 1 24 / 2		-							
2	General Dynamics, Charlotte, NC General Dynamics, Charlotte, NC		3		6	17	E E		nitial / l				0/0			9/9				/ 15 / 14		-	24 / 2		┨							
3	General Dynamics, Charlotte, NC		3		6	17	E	_	nitial / l				0/0			9/9				/ 18		_	27 / 2		1							
																									4							
																									+							
																									1							

	E 101 P44 P 1		P-1 Item	Nomenclati							~~~ .	~		~~~		~~.					Date	:		_		• • • •						
	Exhibit P21, Product	tion S	chedule				(\$	31080	1) JS I	LTW	ΓSTA		OFF (			DETEC	CTOI	R (JSL	SCA	D)				,	Fiscal	<b>X</b> 7		bruary	/ 2008	3		
					ppod	, ccep	D.1.					F	iscai	<b>1</b> еаг		lenda	r Yes	ır 09										Year 1	10			L
	COST ELEMENTS	M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U	S E P	O C T	N O V	D E C	J A N	F E B	M A	A P	M A	J U	J U	A U G	S E P	A T E R
JSLSCAI	) Hardware (LRIP)	1	FY 06	A	10	3	7	3	3	1														L		E						
JSLSCAI	) Hardware	3	FY 07	A	15		15			2	3	3	3	4												F						
								0			,					ı.	·		~			_		_					ı.		~	
								O C T	N O V	D E C	J A N	F E B	M A R		M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	Α	P	M A Y	J U N	J U L	A U G	S E P	
MFR			PR	ODUCT	ION RATES								F	Admini		LEAD /e	TIME		Produ	action			TOTA	ΛL		REM	ARKS					
Number	NAME/LOCATION		MIN.		1-8-5	MAX.	UOM						ior 1 C	Oct		fter 1 C			After	1 Oct		_	fter 1									
1	General Dynamics, Charlotte, NC		3		6	17	E		nitial / l				0/0			9/9				/ 15		-	24 / 2		4							
3	General Dynamics, Charlotte, NC General Dynamics, Charlotte, NC		3 3		6	17 17	E E	_	nitial / l nitial / l				0/0			9/9 9/9				/ 14 / 18		_	23 / 2 27 / 2		1							
																									}							
																									-							