


**Cooperative Biological Engagement Program (CBEP)**

**Biological Safety & Security (BS&S)**

**Pathogen Asset Control System  
Implementation Plan**

(b)(3):10 USC 130c



**Revision 1.0**

**March 1, 2022**

PACS Implementation Plan at (b)(3):10 USC 130c

Black & Veatch	Prepared by:	(b)(6)	Product Manager
Black & Veatch	Reviewed & Approved by:	(b)(6)	Team Manager
CBEP	Reviewed & Approved by:	(b)(6)	Country Manager
CBEP	Reviewed & Approved by:	(b)(6)	National IT Project Manager
(b)(3):10 USC 130c	Reviewed & Approved by:	(b)(6)	Director General

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(b)(4)



(b)(4)

(b)(4)

## 2.7 Sustainability and Transition Plan

PACS sustainment includes maintenance of two main components:

1. IT infrastructure
  - a. Hardware Server and network
  - b. Computer workstations
  - c. Barcode equipment and peripherals
2. PACS Software Application

Maintenance of PACS will require availability of on-site IT services, refresh/repair of equipment (if necessary) and regular procurement (after initially provided package is used) of the following materials:

- Barcode consumables
- Cartridges for document printers
- Paper for document printers
- Antivirus annual renewal

Initial system Hardware/Software package provided by CBEP will include equipment on warranty from 1 to 3 years (depending on type of equipment), COTS software licenses and supplies sufficient for at least 2 years of system operations.

PACS software license will be provided with no expiration date and for unlimited number of workstations within (b)(3):10  
USC. Support of current version of PACS application will be provided at least through 2021.

Black & Veatch will supply (b)(3):10  
USC all documentation required for successful maintenance of PACS.

During project implementation CBEP and (b)(3):10  
USC 130d will agree on mutually acceptable date when (b)(3):10  
USC 130c fully takes over the maintenance of PACS capability components.

### 3 Roles & Responsibilities

Matrix below defines Roles & Responsibilities of the project participants

Task / Responsible Party	IECVM Leadership	IECVM WG	IECVM IT	CBEP	B&V	B&V Sub
<b>Preparation &amp; Planning</b>						
Review & Approve Implementation Plan	X			X		
MoU between CBEP & (b)(3):10 USC 130c	X			X		
Identify Working Group	X				X	
Define PACS locations	X	X	X			
Identify PACS trainees/users	X	X				
Identify additional requirements	X	X	X	X	X	
<b>Certification &amp; Attestation</b>						
Develop technical assignment for PACS attestation / certification					X	
Conduct tender and identify local licensed company to perform PACS attestation / certification					X	
Develop detailed schedule and plan for PACS attestation / certification					X	X
Implement PACS attestation / certification plan					X	X
Achieve attestation/certification of PACS	X	X	X	X	X	X
<b>Survey, Procurement &amp; Deployment</b>						
Conduct Site Survey					X	
Document AS-IS Business Process		X			X	
Develop Site-Specific Design			X		X	
Develop HW/SW specification					X	
Conduct HW/SW procurement					X	
Deploy SCS			X		X	X
Deploy COTS HW/SW			X		X	X
Deploy PACS			X		X	
Prepare "As-built"					X	
<b>Training</b>						
Define training schedule		X			X	
Conduct training and user examination					X	
Conduct initial customization, data entry and import						
<b>Commissioning</b>						
Initial customization, start trial use		X			X	
Document TO-BE business-process		X			X	
Fully customize to local requirements		X				



Develop SOPs / Instructions		X	X		X	
Start real PACS operations	X	X				
Conduct TOP		X	X		X	
<b>Support &amp; Maintenance</b>						
Provide S&M			X		X	

(b)(4)



## 5 Deliverables

List of deliverables for PACS Implementation at (b)(3):10  
USC includes:

- As-built Documentation
- PACS Maintenance Plan
- Standard Operation Procedures (SOPs) for PACS at (b)(3):10  
USC 130c
- PACS User Manuals
- PACS Training Materials

# PACS Implementation at the

(b)(3):10 USC 130c

## Phase 2 On-the-Job Training Report, September 25 - 27, 2018

### Executive Summary

- PACS on-the-job training was conducted for users of the (b)(3):10 USC 130c on September 25, 27, 2018 under Phase 2 implementation activities;
- PACS existing configuration and customization were checked jointly with the on-site PACS Working Group (WG);
- Phase 1 implementation activities, including progress and current status were reviewed; issues and problems discussed and resolved.
- PACS Maintenance and Support Plan was discussed in detail with representatives of (b)(3):10 USC 130c IT Department.

### OJT Participants

#### B&V:

- (b)(6)
- (b)(6)

(b)(3):10

- (b)(6), Head of the Laboratory of Virology)
- (b)(6) (graduate of Department of Molecular Diagnostics and Control)
- (b)(6) (Researcher of Pig Diseases Research Laboratory)
- (b)(6) (Senior Scientist of the Laboratory of Virology)
- (b)(6) (of the Sector of Department of Avian Diseases)
- (b)(6) (Senior Researcher of Department of Avian Diseases)
- (b)(6) (of the Laboratory for Biosafety, Quality Management)
- (b)(6) (Metrology Engineer of the Laboratory for Biosafety, Quality Management)
- (b)(6) (of the Laboratory of Biotechnology)
- (b)(6) (Researcher of the Laboratory of Biotechnology)
- (b)(6) (Head of the of the Brucellosis Laboratory)
- (b)(6) (Senior Researcher of the Brucellosis Laboratory)
- (b)(6) (Senior Head of the Department of Molecular Diagnostics and Control)
- (b)(6) (of the Tuberculosis Laboratory)
- (b)(6) (Researcher of Tuberculosis Laboratory)
- (b)(6) (Researcher of the Laboratory of Virology)



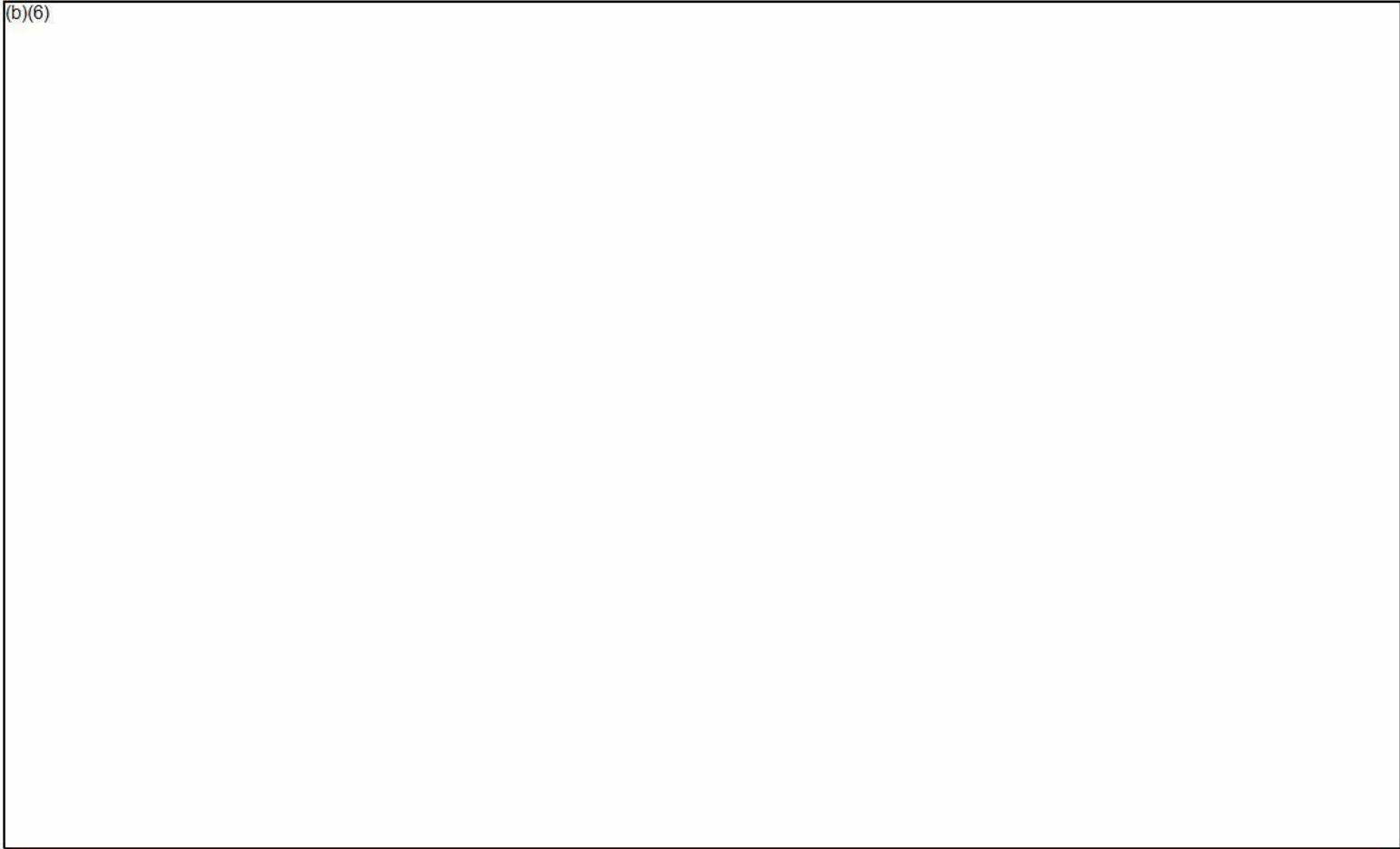
(b)(4)

Future activities

- PACS users to continue with material registration, moving and destruction operations.
- PACS users to reflect the process of Subculturing in PACS;
- B&V to update Standard Operating Procedure (SOP) to include the Subculturing operation process;
- (b)(3):10 USC 130c to perform check of PACS interface and provide feedback (if any);
- Phase 3 implementation activities agreed for December 2018.



(b)(6)



PACS Implementation at the (b)(3):10 USC 130c

Phase 3 On-the-Job Training Report, December 19-21, 2018

Executive Summary

- B&V has completed the final stage of PACS implementation at the Institute of Experimental and Clinical Veterinary Medicine of the of the National Academy of Agrarian Sciences (NAAS) of Ukraine. The site has been fully commissioned in all operations of PACS functionality.
- PACS on-the-job training and on-site activities were conducted for users on December 19-21, 2018 under Phase 3 implementation activities;
- PACS existing configuration and customization were checked jointly with the on-site PACS Working Group (WG);
- Phase 2 implementation activities were reviewed; issues and problems discussed and resolved;
- Standard Operating Procedure (SOP) for PACS use at (b)(3):10 USC was updated to include the Diagnostic Operation process the updated SOP submitted to the on-site Working Group.

(b)(5)

OTJ Participants

B&V:

- (b)(6)
- (b)(6)

(b)(3):10

- (b)(6) (Acting Head of the Laboratory of Virology)
- (b)(6) (Postgraduate of the Department of Molecular Diagnostics and Control)
- (b)(6) (Lead Researcher of the Pig Diseases Research Laboratory)
- (b)(6) (Lead Scientist of the Laboratory of Virology)
- (b)(6) (Head of the Department of Avian Diseases)
- (b)(6) (Senior Researcher of the Department of the Avian Diseases)
- (b)(6) (Head of the Laboratory of Biosafety, Quality Management)
- (b)(6) (Lead Metrology Engineer of the Laboratory of Biosafety, Quality Management)
- (b)(6) (Head of the Laboratory of Biotechnology)
- (b)(6) (Researcher of the Laboratory of Biotechnology)
- (b)(6) (Head of the Brucellosis Laboratory)
- (b)(6) (Junior Researcher of the Brucellosis Laboratory)
- (b)(6) (Head of the Tuberculosis Laboratory)
- (b)(6) (Lead Researcher of Tuberculosis Laboratory)



(b)(4)

(b)(5)

Future activities

- PACS users to continue with material registration, moving, destruction and subculturing operations.
- PACS users to reflect the process of Diagnostic Operations in PACS;
- B&V to provide access to PACS Helpdesk to PACS users;
- B&V to continue support PACS users of (b)(3):10 USC 130



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**EQUIPMENT AND MATERIALS SPECIFICATION**

The Equipment Vendor shall check the following:

1. Integrity of the list, and make sure that different pieces of equipment integrate with each other (especially in case of any replacements).
2. Determine Part Numbers (P/N) from the description of the items in case these items do not have corresponding P/N shown in the list.
3. Specified warranty represents the required minimum, which shall be extended if standard (default) warranty provided by an OEM is longer.

**Table C.1.1: Specification - Server**

Item #	Specification	Qty	Price	Total
1	Table C.2.1: Specification C-2-1 - Server Equipment	1	(b)(4)	
<b>GRAND TOTAL:</b>			(b)(4)	

**Table C.1.2: Specification - Workstation**

Item #	Specification	Qty	Price	Total
1	Table C.3.1: Specification C-3-1 - All-in-one Workstation Equipment and Software	18	(b)(4)	
2	Table C.3.2: Specification C-3-2 - Barcode Printer	12		
3	Table C.3.3: Specification C-3-3 - Barcode Scanner	14		
4	Table C.3.4: Specification C-3-4 - Personal Printer	13		
<b>GRAND TOTAL:</b>			(b)(4)	
<b>TOTAL:</b>			<b>\$ 62,355.00</b>	

**Table C.2.1: Specification C-2-1 - Server Equipment**

Item #	Bundle	P/N	Description	Warranty
<b>1. Server</b>				
1.1	Server	755262-B21	Proliant DL360 Gen9 E5-2630v3 Rack(1U)/Xeon8C 2.4GHz(20Mb)/1x16GbR2D_2133/P440arFBWC(2Gb/RAID 0/1/10/5/50/6/60)/noHDD(8)SFF/noDVD/iLOstd/4x1GbEth/EasyRK/1x50 0wFPlat(2up)	3 years
1.2		755384-B21	HP DL360 Gen9 Intel Xeon E5-2630v3 (2.4GHz/8-core/20MB/85W) Processor Kit	3 years
1.3		726718-B21	HP 8GB (1x8GB) Single Rank x4 DDR4-2133 CAS-15-15-15 Registered Memory Kit	3 years
1.4		764632-B21	HP DL360 Gen9 SFF DVD-RW	3 years
1.5		785069-B21	HP 900GB 12G SAS 10K rpm SFF(2.5-inch) SC 3yr Warranty Hard Drive	3 years
1.6		720478-B21	HP 500W Flex Slot Platinum Hot Plug Power Supply Kit	3 years
1.7	Backup	B7B69A	HP RDX1000 USB3.0 External Disk Backup System	3 years
1.8	Subsystem	Q2044A	HP RDX 1TB Removable Disk Cartridge	3 years
<b>2. Server Support</b>				
2.1	Monitor	F4M97AA	HP ProDisplay P17A 17-inch 5:4 LED Backlit Monitor	3 years
2.2	UPS	SMX1500RMI2U	APC Smart-UPS X 1500VA Rack/Tower LCD 230V	2 years
2.3	Server Console	638214-B21	HP USB BFR with PVC Free US Keyboard/Mouse Kit	1 year
<b>3. Networking and Communications</b>				
3.1	Networking	J9782A	HP 2530-24 Switch	Lifetime Limited
3.2	Cables	N/A	UTP Category 5 Patch Cord 2 m.	
3.3		N/A	UTP Category 5 Patch Cord 1 m.	
<b>4. Software</b>				
4.1	Microsoft	9EM-00120	WinSvrSTDCore SNGL LicSAPk OLP NL 2Lic CoreLic	
4.2	Software	228-10817	SQLServerStandardEdition 2016 Sngl OLP 1License NoLevel	

Qty	Price	Total
1	(b)(4)	
1		
1		
1		
4		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
6		
3		
8		
1		
<b>GRAND TOTAL:</b>		<b>\$ 14,248.00</b>

**Table C.3.1: Specification C-3-1 - All-in-one Workstation Equipment and Software**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	All-in-one	J7D87EA	HP ProOne 600 All-in-One 21.5"(1920x1080)WLED IPS,Core i5-4590S,4GB DDR3-1600 (1x4GB),500GB HDD 7200 SATA,DVD+/-RW,webcam,cardreader,GigEtn,Wi-Fi,usb kbd/mse,Win7Pro(64-bit)+Win8Pro(64-bit),3.3-3.3 W/VV	3 years	1	(b)(4)	
1.2	UPS	BX650LI	APC Back-UPS® 650	2 years	1		
1.3	Microsoft Software	R18-05121	WinSvrCAL 2016 SNGL OLP NL DvcCAL		1		
1.4		359-06322	SQLCAL 2016 Sngl OLP 1License NoLevel DvcCAL		1		
1.5	MS Office	N/A	Microsoft Office 2013 Home and Business		1		
1.6	Cables	N/A	UTP Category 5 Patch Cord 2 m.		1		
<b>GRAND TOTAL:</b>						<b>\$ 1,825.00</b>	

**Table C.3.2: Specification C-3-2 - Barcode Printer**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	Barcode Printer	GC4201	Zebra GC4201 Desktop Barcode Printer	1 year	1	(b)(4)	
1.2		N/A	USB printer cable, 3 meters		1		
1.3	Barcode Labels	N/A	Thermal Transfer Tags, Dimensions: 1.5" x 0.5"/ Gap: 0.125"/ Corner Radius: 0.125"/ Corner Width: 1.625"/ Core Diameter: 1"/ Wind: Face Out/ Outer Diameter: 4"/ Perforations: No/ Labels per Roll: 2,480/ Service Temperature: from -19.6 °C to 80 °C		2		
		N/A	Thermal Transfer Resin Ribbon, Ribbon Material: Resin/ Color: Black/ Width: 2.50"/ Length: 244"/Core Size: 0.5"		1		
<b>GRAND TOTAL:</b>						<b>\$ 774.00</b>	

**Table C.3.3: Specification C-3-3 - Barcode Scanner**

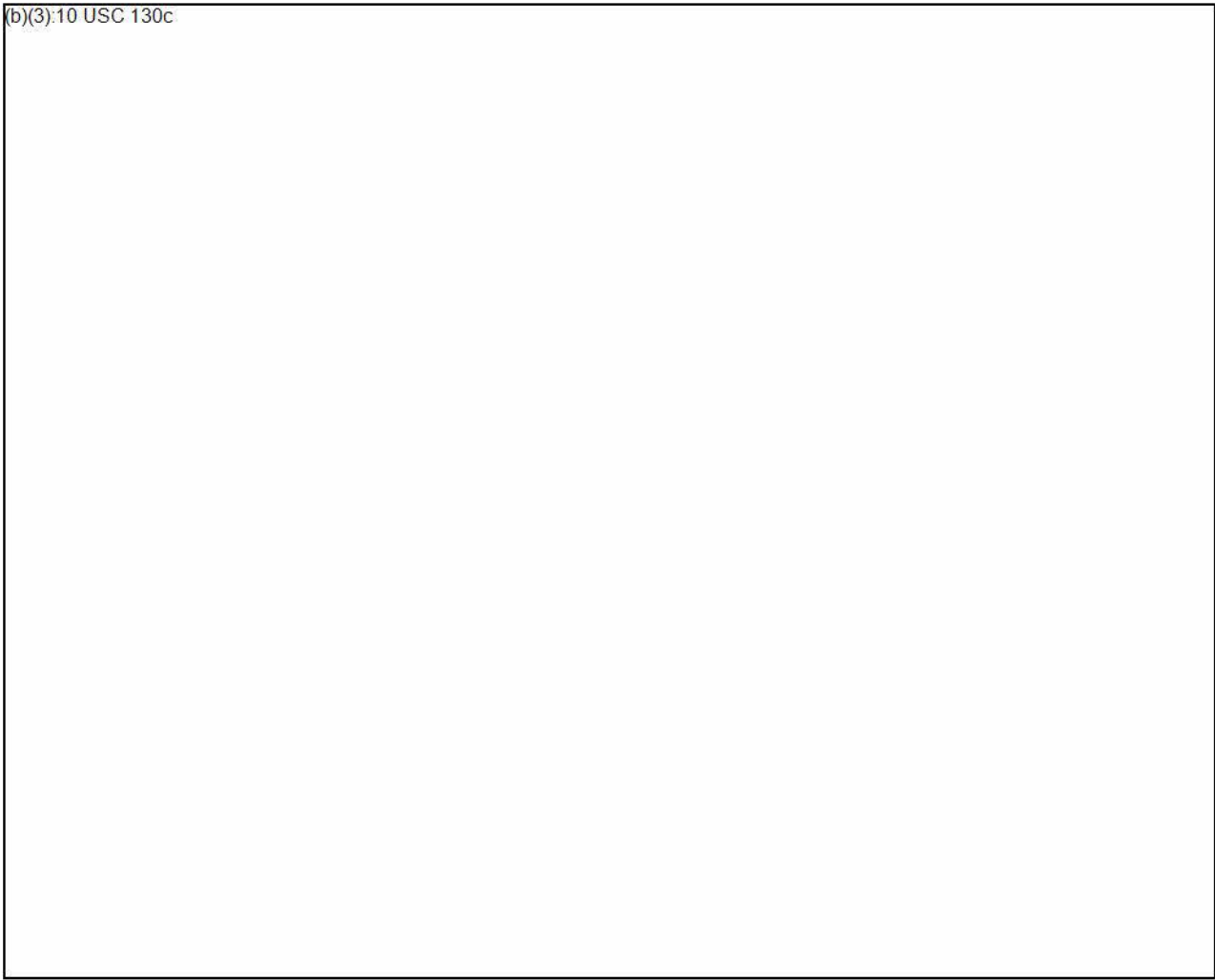
Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	Barcode Scanner	LS2208-USBKit	LS2208 USB Kit, White with USB Cable and Quick Start Guide (P/Ns if buy separately: LS2208-SR20007R, CBA-K01-S07PAR)	1 year	1	(b)(4)	
1.2		N/A	USB extension cable (female->male) , 5 meters		1		
<b>GRAND TOTAL:</b>						<b>\$ 210.00</b>	

**Table C.3.4: Specification C-3-4 - Personal Printer**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	Printer	CE651A	HP LaserJet Pro P1102 (A4, 1200dpi, 18ppm, 2Mb, 1tray 150, USB)		1	(b)(4)	
1.2		C6518A	HP USB Cable, A to B, 2 meters		1		
1.3	Consumables	CE285A	HP LaserJet CE285A Black Print Cartridge for HP LaserJet Pro P1102 printer		1		
1.4		N/A	A4 Paper, 500 pages		3		
<b>GRAND TOTAL:</b>						<b>\$ 233.00</b>	



(b)(3):10 USC 130c





Cooperative Biological Engagement Program (CBEP)

## **Pathogen Asset Control System (PACS) Site Specific Design for**

(b)(3):10 USC 130c

**SSD-IECVM-001**

**Revision # 0.1**

Prepared by: Black & Veatch

### PACS Site Specific Design for

(b)(3):10 USC 130c

SSD (b)(3):10 USC 130c 001

This document contains site specific design information required for the following site deployment:

(b)(3):10 USC 130c

Actual for: 2022/03/27

Confirmed by:	_____ (Black & Veatch)	<u>2022/03/27</u>
	_____ IECVM Director	<u>2022/03/27</u>
	_____ IECVM Representative	<u>2022/03/27</u>

## Introduction

This document provides details of Site Specific Design (SSD) for the Pathogen Access Control System (PACS) at (b)(3):10 USC 130c SSD and Deployment Guide provide required information for PACS deployment at (b)(3):10 USC 130c

## Referenced Documents

PACS (b)(3):10 USC 130c Specification

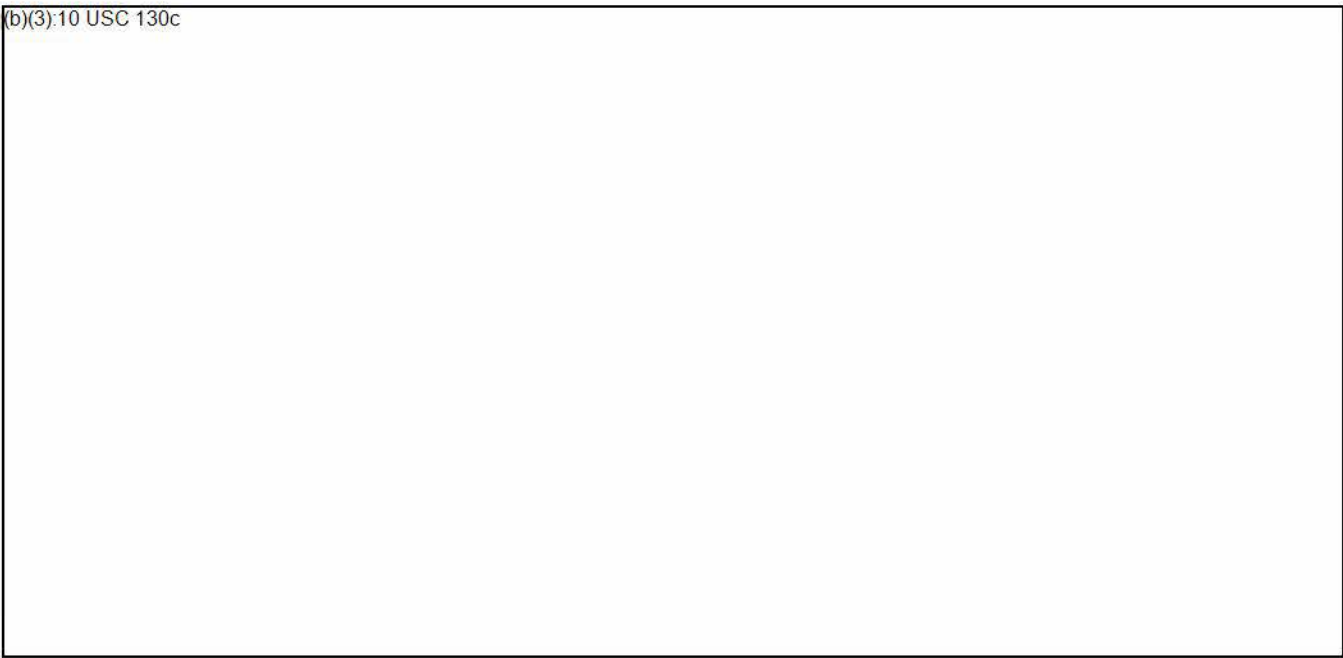
## Revision History

Revision	Issue Date	SCR	Comments
0.1	2017/02/13	N/A	Initial Document

## Definitions, Acronyms, Abbreviations

Definition	Value
CBEP	Cooperative Biological Engagement Program
PACS	Pathogen Asset Control System
DHCP	Dynamic Host Configuration Protocol
DNS	Domain Name Service
IP	Internet Protocol
SSD	Site Specific Design
UPS	Uninterruptible Power Source

(b)(3):10 USC 130c



## Physical Conditions

Information shown in following table is collected during Site Survey. This Survey (observation) may not be full, and cannot be considered as a part of specialized assessment.

Subcontractor shall assure that issues listed in following table are resolved prior to equipment installation.

#	Location	Description	Possible impact	Required activities	Photo

## Structured Cabling System and Equipment Placement

Subcontractor shall prepare and coordinate Structured Cabling System and Equipment placement plans with in-country Black & Veatch representative.

### Equipment Placement Plan

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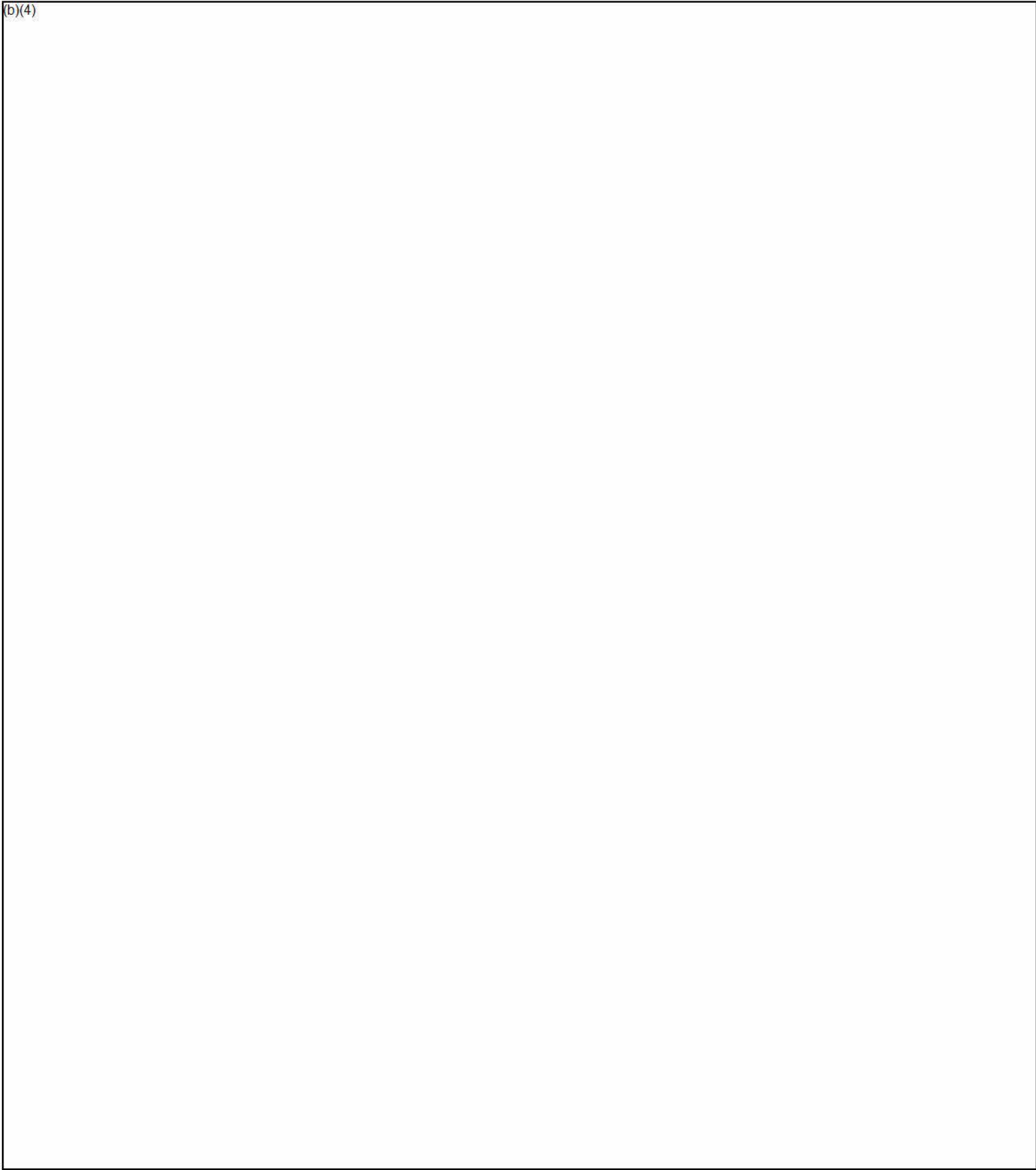
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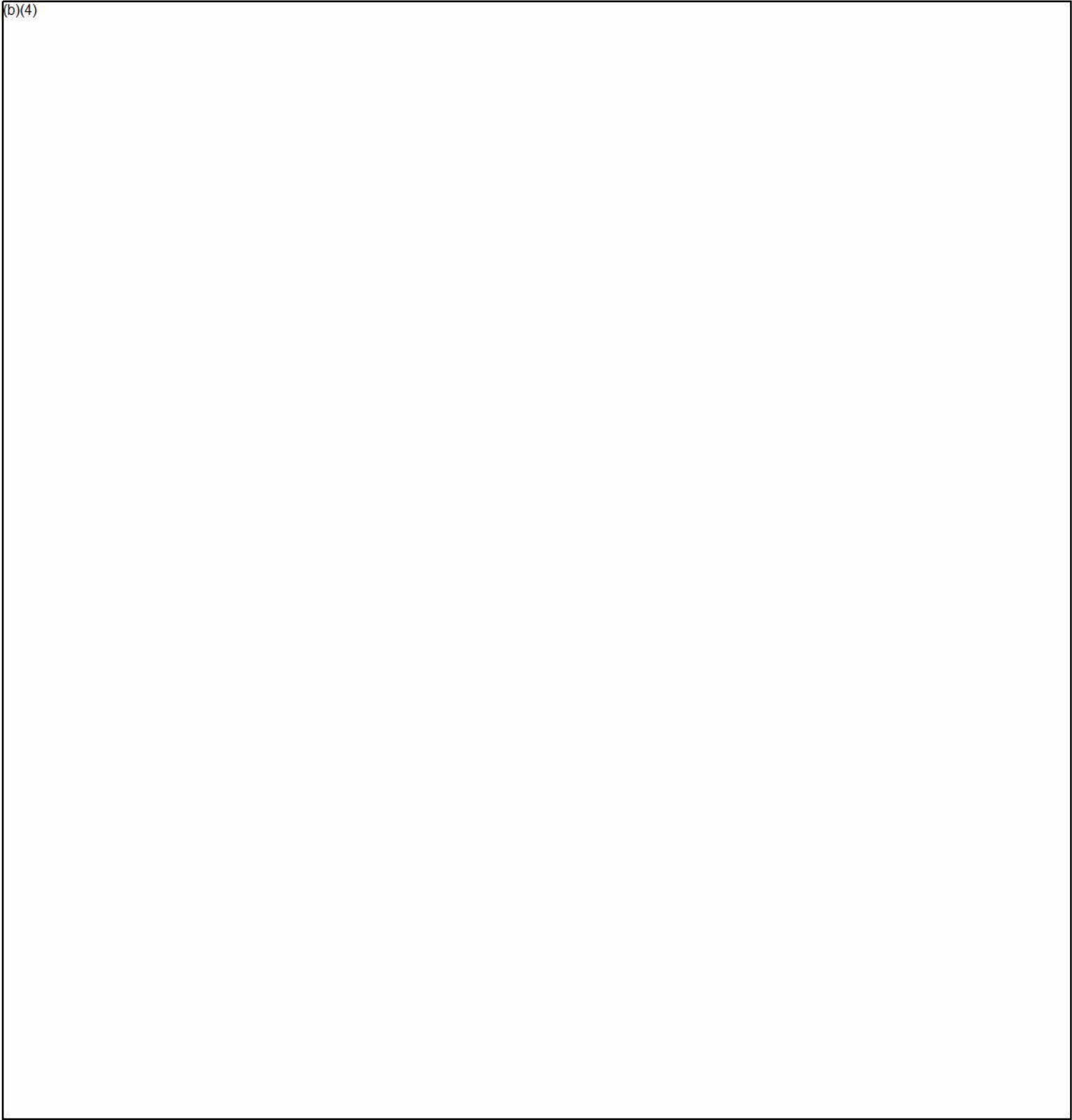
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PACS Implementation at the (b)(3):10 USC 130c

Phase 2 On-the-Job Training Report, December 11 – 13/ December 26, 2018

Executive Summary

- PACS on-the-job training was conducted for users of the (b)(3):10 USC 130c (b)(3):10 USC 130c in December 11 – 13 under Phase 2 implementation activities, Anthrax Laboratory activities were conducted on December 26, 2018;
- PACS existing configuration and customization were checked jointly with the on-site PACS Working Group (WG);
- Phase 1 implementation activities, including progress and current status were reviewed; issues and problems discussed and resolved;
- Standard Operating Procedure (SOP) for PACS use at (b)(3):10 USC 130c was updated to include the Subculturing Operation process – the updated SOP submitted to the on-site Working Group.

(b)(5)

OJT Participants

B&V:

- (b)(6)
- (b)(6)

(b)(3):10 USC

- (b)(6) (Senior Researcher, Laboratory of Anaerobic Infections)
- (b)(6) (Leading Researcher, Laboratory of Anaerobic Infections)
- (b)(6) (Senior Researcher, Laboratory of Anaerobic Infections)
- (b)(6) (Researcher, Laboratory of Anaerobic Infections)
- (b)(6) (Leading Veterinarian, Laboratory of Anaerobic Infections)
- (b)(6) (Senior Researcher, Laboratory of Bacterial Animal Diseases)
- (b)(6) (Leading Veterinarian, Laboratory of the Bacterial Animal Diseases)
- (b)(6) (Lead of the Anthrax Laboratory)
- (b)(6) (Researcher, Anthrax Laboratory)
- (b)(6) (Senior Research Scientist, Laboratory of Mycotoxicology)
- (b)(6) (Leading Veterinarian, Laboratory of Mycotoxicology)
- (b)(6) (Junior Researcher, Laboratory of Leptospirosis)
- (b)(6) (Laboratory Assistant, Neuroinfection Laboratory)
- (b)(6) (Research Scientist, Sector of International Relationships and Geoinformation Systems)



(b)(3):10 USC 130c

(b)(5)

*Future activities*

- PACS users to continue with material registration, moving and destruction operations;
- PACS users to reflect the process of Subculturing in PACS;
- (b)(3) to perform check of PACS interface and provide feedback (if any);
- Phase 3 implementation activities agreed for March 2019.

PACS Implementation at the (b)(3):10 USC 130c

Phase 3 On-the-Job Training Report, April 3-5, 2019

(b)(4)

(b)(5)



(b)(4)

Future activities:

- PACS users to continue with material registration, moving, destruction and subculturing operations.
- PACS users to reflect the process of Diagnostic Operations in PACS;
- B&V to provide access to PACS Helpdesk to PACS users;
- B&V to continue support PACS users of (b)(3):  
40

**Cooperative Biological Engagement Program (CBEP)**

**Biological Safety & Security (BS&S)**

**Pathogen Asset Control System**

**Implementation Plan**

(b)(3):10 USC 130c

**Revision 1.0**

**March 28, 2022**

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PACS Implementation Plan at (b)(3):1  
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PACS Implementation Plan at (b)(3):10  
USC 130c

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(b)(4)



(b)(4)

(b)(4)



## 2.7 Sustainability and Transition Plan

PACS sustainment includes maintenance of two main components:

1. IT infrastructure
  - a. Hardware Server and network
  - b. Computer workstations
  - c. Barcode equipment and peripherals
2. PACS Software Application

Maintenance of PACS will require availability of on-site IT services, refresh/repair of equipment (if necessary) and regular procurement (after initially provided package is used) of the following materials:

- Barcode consumables
- Cartridges for document printers
- Paper for document printers
- Antivirus annual renewal

Initial system Hardware/Software package provided by CBEP will include equipment on warranty from 1 to 3 years (depending on type of equipment), COTS software licenses and supplies sufficient for at least 2 years of system operations.

PACS software license will be provided with no expiration date and for unlimited number of workstations within (b)(3). Support of current version of PACS application will be provided at least through 2021.

Black & Veatch will supply (b)(3) all documentation required for successful maintenance of PACS.

During project implementation CBEP and (b)(3) will agree on mutually acceptable date when (b)(3) fully takes over the maintenance of PACS capability components.



### 3 Roles & Responsibilities

Matrix below defines Roles & Responsibilities of the project participants

Task / Responsible Party	IVM Leadership	IVM WG	IVM IT	CBEP	B&V	B&V Sub
<b>Preparation &amp; Planning</b>						
Review & Approve Implementation Plan	X			X		
MoU between CBEP & (b)(3):1	X			X		
Identify Working Group	X				X	
Define PACS locations	X	X	X			
Identify PACS trainees/users	X	X				
Identify additional requirements	X	X	X	X	X	
<b>Certification &amp; Attestation</b>						
Develop technical assignment for PACS attestation / certification					X	
Conduct tender and identify local licensed company to perform PACS attestation / certification					X	
Develop detailed schedule and plan for PACS attestation / certification					X	X
Implement PACS attestation / certification plan					X	X
Achieve attestation/certification of PACS	X	X	X	X	X	X
<b>Survey, Procurement &amp; Deployment</b>						
Conduct Site Survey					X	
Document AS-IS Business Process		X			X	
Develop Site-Specific Design			X		X	
Develop HW/SW specification					X	
Conduct HW/SW procurement					X	
Deploy SCS			X		X	X
Deploy COTS HW/SW			X		X	X
Deploy PACS			X		X	
Prepare "As-built"					X	
<b>Training</b>						
Define training schedule		X			X	
Conduct training and user examination					X	
Conduct initial customization, data entry and import						
<b>Commissioning</b>						
Initial customization, start trial use		X			X	
Document TO-BE business-process		X			X	
Fully customize to local requirements		X				

PACS Implementation Plan at (b)(3):  
10

Develop SOPs / Instructions		X	X	X	
Start real PACS operations	X	X			
Conduct TOP		X	X	X	
<b>Support &amp; Maintenance</b>					
Provide S&M			X	X	

PACS Implementation Plan at (b)(3):1  
0

(b)(4)

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PACS Implementation Plan at (b)(3)  
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## 5 Deliverables

List of deliverables for PACS Implementation at (b)(3)  
10 includes:

- As-built Documentation
- PACS Maintenance Plan
- Standard Operation Procedures (SOPs) for PACS at (b)(3):10  
USC
- PACS User Manuals
- PACS Training Materials



**EQUIPMENT AND MATERIALS SPECIFICATION**

The Equipment Vendor shall check the following:

1. Integrity of the list, and make sure that different pieces of equipment integrate with each other (especially in case of any replacements).
2. Determine Part Numbers (P/N) from the description of the items in case these items do not have corresponding P/N shown in the list.
3. Specified warranty represents the required minimum, which shall be extended if standard (default) warranty provided by an OEM is longer.

**Table C.1.1: Specification - Server**

Item #	Specification	Qty	Price	Total
1	Table C.2.1: Specification C-2-1 - Server Equipment	1	(b)(4)	
<b>GRAND TOTAL:</b>			<b>\$</b>	<b>(b)(4)</b>

**Table C.1.2: Specification - Workstation**

Item #	Specification	Qty	Price	Total
1	Table C.3.1: Specification C-3-1 - All-in-one Workstation Equipment and Software	19	(b)(4)	
2	Table C.3.2: Specification C-3-2 - Barcode Printer	19		
3	Table C.3.3: Specification C-3-3 - Barcode Scanner	19		
4	Table C.3.4: Specification C-3-4 - Personal Printer	14		
<b>GRAND TOTAL:</b>			<b>\$</b>	<b>(b)(4)</b>
<b>TOTAL:</b>			<b>\$</b>	<b>70,881.00</b>

**Table C.2.1: Specification C-2-1 - Server Equipment**

Item #	Bundle	P/N	Description	Warranty
<b>1. Server</b>				
1.1	Server	755262-B21	Proliant DL360 Gen9 E5-2630v3 Rack(1U)/Xeon8C 2.4GHz(20Mb)/1x16GbR2D_2133/P440arFBWC(2Gb/RAID 0/1/10/5/50/6/60)/noHDD(8)SFF/noDVD/iLOstd/4x1GbEth/EasyRK/1x50 0wFPlat(2up)	3 years
1.2		755384-B21	HP DL360 Gen9 Intel Xeon E5-2630v3 (2.4GHz/8-core/20MB/85W) Processor Kit	3 years
1.3		726718-B21	HP 8GB (1x8GB) Single Rank x4 DDR4-2133 CAS-15-15-15 Registered Memory Kit	3 years
1.4		764632-B21	HP DL360 Gen9 SFF DVD-RW	3 years
1.5		785069-B21	HP 900GB 12G SAS 10K rpm SFF(2.5-inch) SC 3yr Warranty Hard Drive	3 years
1.6		720478-B21	HP 500W Flex Slot Platinum Hot Plug Power Supply Kit	3 years
1.7	Backup	B7B69A	HP RDX1000 USB3.0 External Disk Backup System	3 years
1.8	Subsystem	Q2044A	HP RDX 1TB Removable Disk Cartridge	3 years
<b>2. Server Support</b>				
2.1	Monitor	F4M97AA	HP ProDisplay P17A 17-inch 5:4 LED Backlit Monitor	3 years
2.2	UPS	SMX1500RMI2U	APC Smart-UPS X 1500VA Rack/Tower LCD 230V	2 years
2.3	Server Console	638214-B21	HP USB BFR with PVC Free US Keyboard/Mouse Kit	1 year
<b>3. Networking and Communications</b>				
3.1	Networking	J9782A	HP 2530-24 Switch	Lifetime Limited
3.2	Cables	N/A	UTP Category 5 Patch Cord 2 m.	
3.3		N/A	UTP Category 5 Patch Cord 1 m.	
<b>4. Software</b>				
4.1	Microsoft	9EM-00120	WinSvrSTDCore SNGL LicSAPk OLP NL 2Lic CoreLic	
4.2	Software	228-10817	SQLServerStandardEdition 2016 Sngl OLP 1License NoLevel	

Qty	Price	Total
1	(b)(4)	
1		
1		
1		
4		
1		
1		
1		
1		
1		
1		
1		
6		
3		
8		
1		
<b>GRAND TOTAL:</b>		<b>\$ 14,248.00</b>

**Table C.3.1: Specification C-3-1 - All-in-one Workstation Equipment and Software**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	All-in-one	J7D87EA	HP ProOne 600 All-in-One 21.5"(1920x1080)WLED IPS,Core i5-4590S,4GB DDR3-1600 (1x4GB),500GB HDD 7200 SATA,DVD+/-RW,webcam,cardreader,GigEth,Wi-Fi,usb kbd/mse,Win7Pro(64-bit)+Win8Pro(64-bit),3.3.3 W/ty	3 years	1	(b)(4)	
1.2	UPS	BX650LI	APC Back-UPS® 650	2 years	1		
1.3	Microsoft Software	R18-05121	WinSvrCAL 2016 SNGL OLP NL DvcCAL		1		
1.4		359-06322	SQLCAL 2016 Sngl OLP 1License NoLevel DvcCAL		1		
1.5	MS Office	N/A	Microsoft Office 2013 Home and Business		1		
1.6	Cables	N/A	UTP Category 5 Patch Cord 2 m.		1		
<b>GRAND TOTAL:</b>						<b>\$ 1,825.00</b>	

**Table C.3.2: Specification C-3-2 - Barcode Printer**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	Barcode Printer	GC420I	Zebra GC420I Desktop Barcode Printer	1 year	1	(b)(4)	
1.2		N/A	USB printer cable, 3 meters		1		
1.3	Barcode Labels	N/A	Thermal Transfer Tags, Dimensions: 1.5" x 0.5"/ Gap: 0.125"/ Corner Radius: 0.125"/ Corner Width: 1.625"/ Core Diameter: 1"/ Wind: Face Out/ Outer Diameter: 4"/ Perforations: No/ Labels per Roll: 2,480/ Service Temperature: from -196 °C to 80 °C		2		
1.4	Barcode Ribbon	N/A	Thermal Transfer Resin Ribbon, Ribbon Material: Resin/ Color: Black/ Width: 2.50"/ Length: 244"/Core Size: 0.5"		1		
<b>GRAND TOTAL:</b>						<b>\$ 774.00</b>	

**Table C.3.3: Specification C-3-3 - Barcode Scanner**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	Barcode Scanner	LS2208-USBKit	LS2208 USB Kit, White with USB Cable and Quick Start Guide (P/Ns if buy separately: LS2208-SR20007R, CBA-K01-S07PAR)	1 year	1	(b)(4)	
1.2		N/A	USB extension cable (female->male) , 5 meters		1		
<b>GRAND TOTAL:</b>						<b>\$ 210.00</b>	

**Table C.3.4: Specification C-3-4 - Personal Printer**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	Printer	CE651A	HP LaserJet Pro P1102 (A4, 1200dpi, 18ppm, 2Mb, 1tray 150, USB)		1	(b)(4)	
1.2		C6518A	HP USB Cable, A to B, 2 meters		1		
1.3	Consumables	CE285A	HP LaserJet CE285A Black Print Cartridge for HP LaserJet Pro P1102 printer		1		
1.4		N/A	A4 Paper, 500 pages		3		
<b>GRAND TOTAL:</b>						<b>\$ 233.00</b>	





(b)(4)



Cooperative Biological Engagement Program (CBEP)

## **Pathogen Asset Control System (PACS) Site Specific Design for**

(b)(3):10 USC 130c

SSD (b)(3):10  
USC  
130c 001

**Revision # 0.1**

Prepared by: Black & Veatch

### PACS Site Specific Design for

(b)(3):10 USC 130c

SSD- (b)(3):10 USC 001

This document contains site specific design information required for the following site deployment:

(b)(3):10 USC 130c

Actual for: 2022/03/28

Confirmed by:

(Black & Veatch)

(b)(3):10 USC

2022/03/28

2022/03/28

2022/03/28

## Introduction

This document provides details of Site Specific Design (SSD) for the Pathogen Access Control System (PACS) at (b)(3):10 USC 130c SSD and Deployment Guide provide required information for PACS deployment at (b)(3):10 USC

## Referenced Documents

PACS (b)(3):10 specification

## Revision History

Revision	Issue Date	SCR	Comments
0.1	2017/02/13	N/A	Initial Document

## Definitions, Acronyms, Abbreviations

Definition	Value
CBEP	Cooperative Biological Engagement Program
PACS	Pathogen Asset Control System
DHCP	Dynamic Host Configuration Protocol
DNS	Domain Name Service
IP	Internet Protocol
SSD	Site Specific Design
UPS	Uninterruptible Power Source

(b)(4)



## Physical Conditions

Information shown in following table is collected during Site Survey. This Survey (observation) may not be full, and cannot be considered as a part of specialized assessment.

Subcontractor shall assure that issues listed in following table are resolved prior to equipment installation.

#	Location	Description	Possible impact	Required activities	Photo

## Structured Cabling System and Equipment Placement

Subcontractor shall prepare and coordinate Structured Cabling System and Equipment placement plans with in-country Black & Veatch representative.

### Equipment Placement Plan

(b)(4)

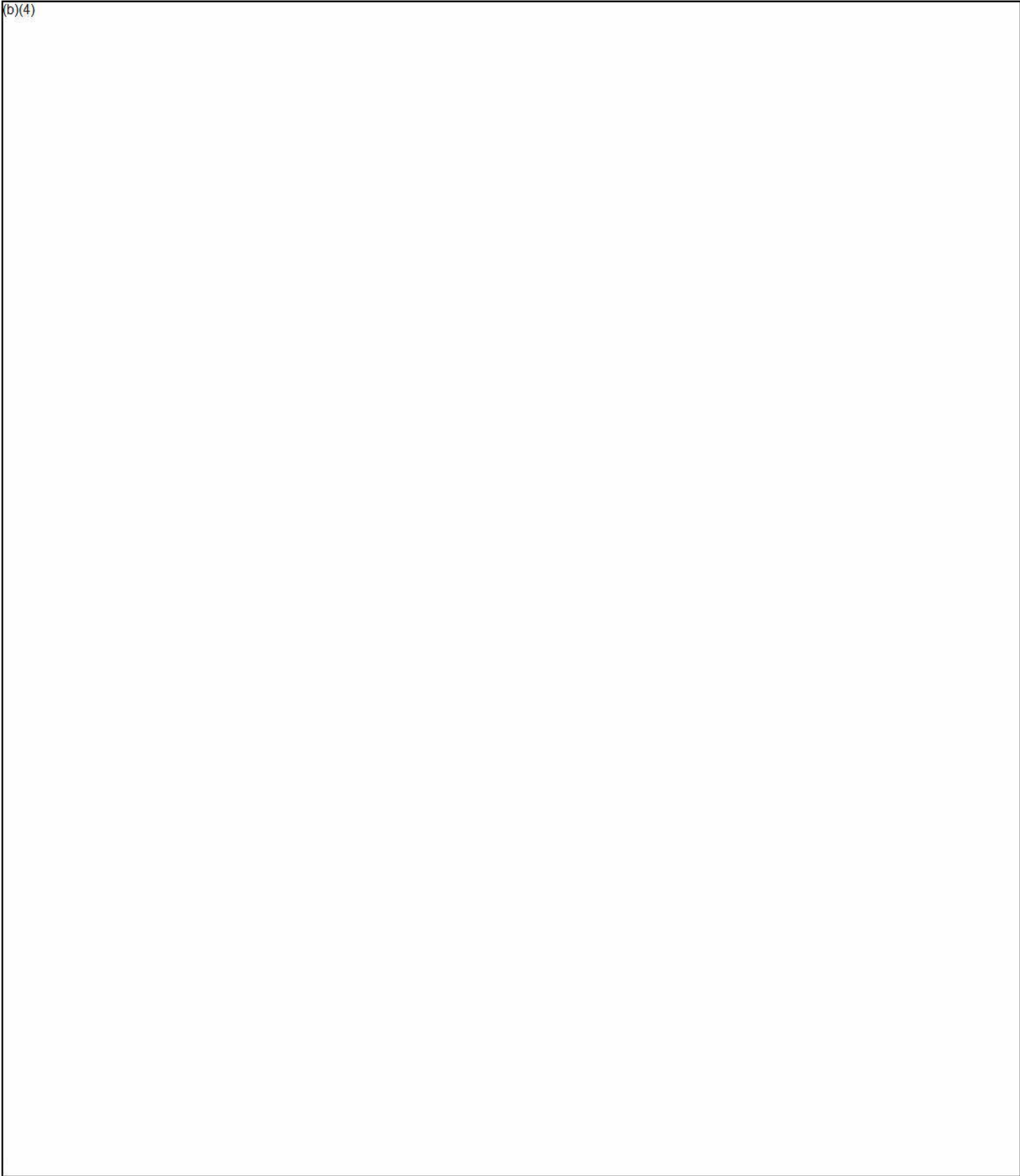


(b)(4)

(b)(4)



(b)(4)



(b)(4)

(b)(4)

(b)(4)

PACS Implementation at the (b)(3):10 USC 130c  
(b)(3):10 USC 130c

Phase 2 On-the-Job Training Report, October 04 – 05, 2018

*Executive Summary*

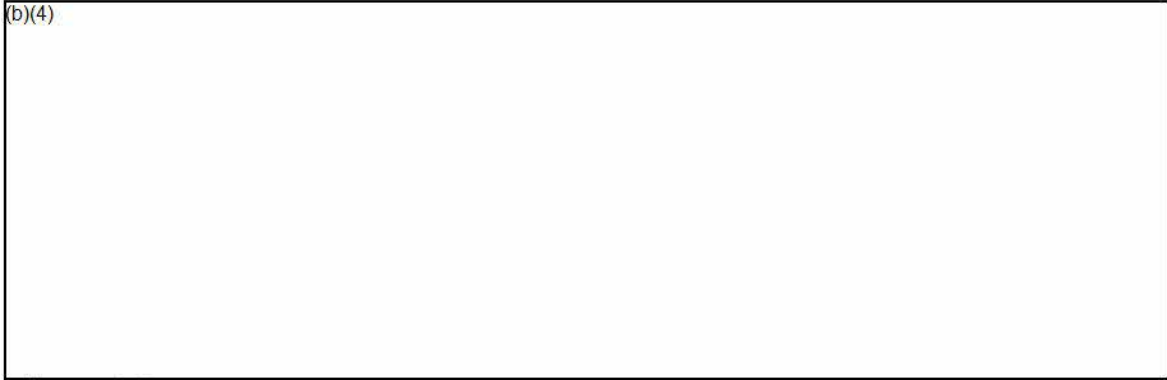
- PACS on-the-job training was conducted for users of the (b)(3):10 USC 130c (b)(3):10 USC 130c on October 04 – 05, 2018 under Phase 2 implementation activities;
- PACS existing configuration and customization were checked jointly with the on-site PACS Working Group (WG);
- Phase 1 implementation activities, including progress and current status were reviewed; issues and problems discussed and resolved.

*OJT Participants*

(b)(4)

(b)(5)

(b)(4)



*Future activities*

- PACS users to continue with material registration, moving and destruction operations;
- PACS users to reflect the process of Subculturing in PACS;
- B&V to update Standard Operating Procedure (SOP) to include the Subculturing operation process;
- (b)(3):1 to perform check of PACS interface and provide feedback (if any);
- Phase 3 implementation activities agreed for January 2019.

(b)(3):10 USC 130c



Commented [SNEC12]: Recommend for redaction.  
FOIA Exemption: b(6) Personal Privacy

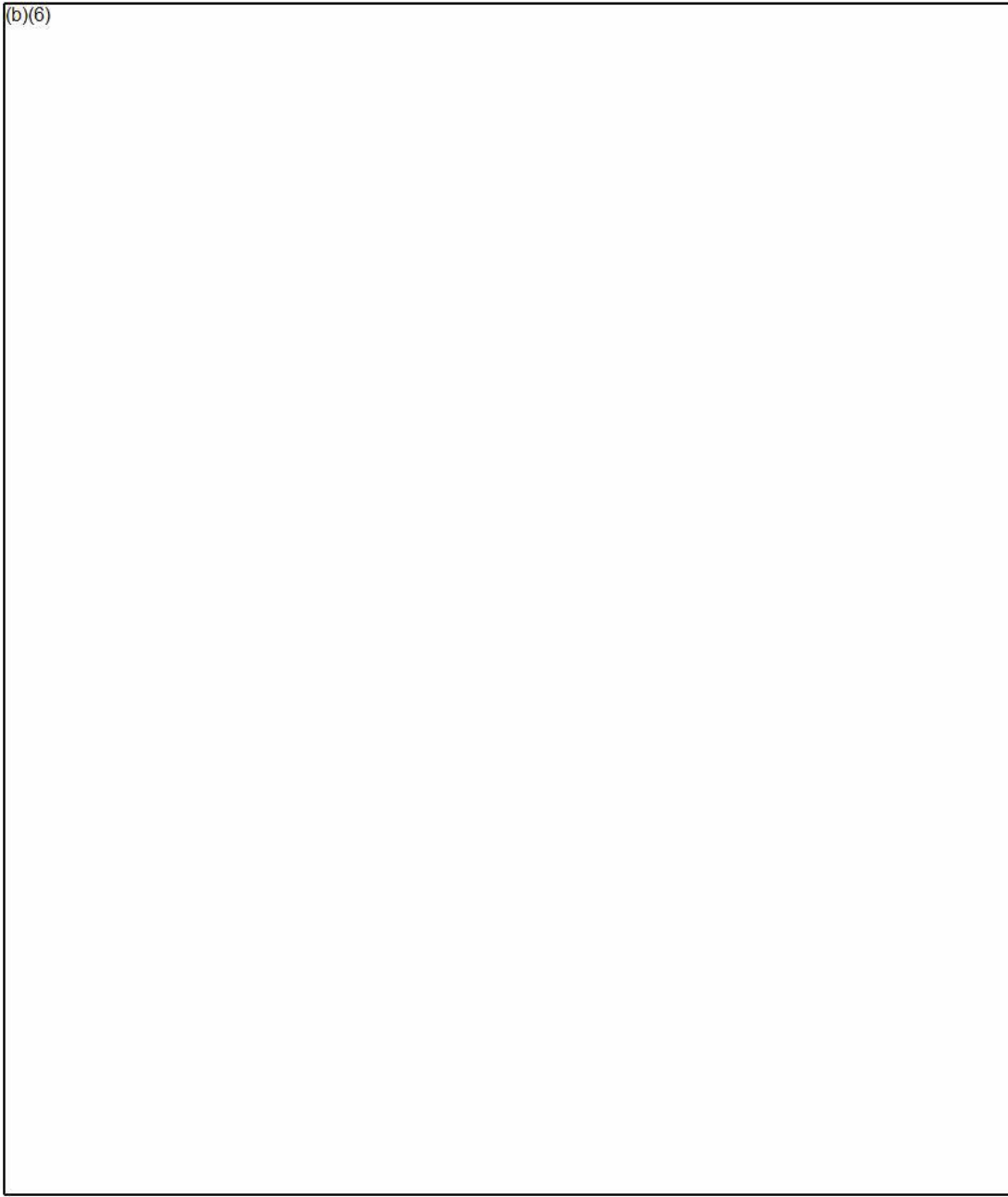


(b)(6)

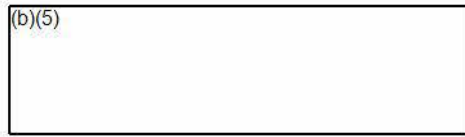
(b)(5)

(b)(5)

(b)(6)



(b)(5)



PACS Implementation at the (b)(3):10 USC 130c  
(b)(3):10 USC 130c

Phase 3 On-the-Job Training Report, January 22 – 24, 2019

*Executive Summary*

- B&V has completed the final stage of PACS implementation at the (b)(3):10 USC 130c  
(b)(3):10 USC 130c  
The site has been fully commissioned in all operations of PACS functionality.
- PACS on-the-job training was conducted for users of (b)(3):1 on January 22 – 24, 2019 under Phase 3 implementation activities;
- PACS existing configuration and customization were checked jointly with the on-site PACS Working Group (WG);
- Phase 2 implementation activities, including progress and current status were reviewed; issues and problems discussed and resolved;
- Standard Operating Procedure (SOP) for PACS use at (b)(3):10 was updated to include the Diagnostic Operation process the updated SOP submitted to the on-site Working Group.

(b)(4)

(b)(5)

(b)(4)

(b)(5)

Future activities

- PACS users to continue with material registration, moving, destruction and subculturing operations.
- PACS users to reflect the process of Diagnostic Operations in PACS;
- B&V to provide access to PACS Helpdesk to PACS users;
- B&V to continue support PACS users of (b)(3):10

(b)(6)

(b)(5)

(b)(5)

(b)(6)

(b)(5)

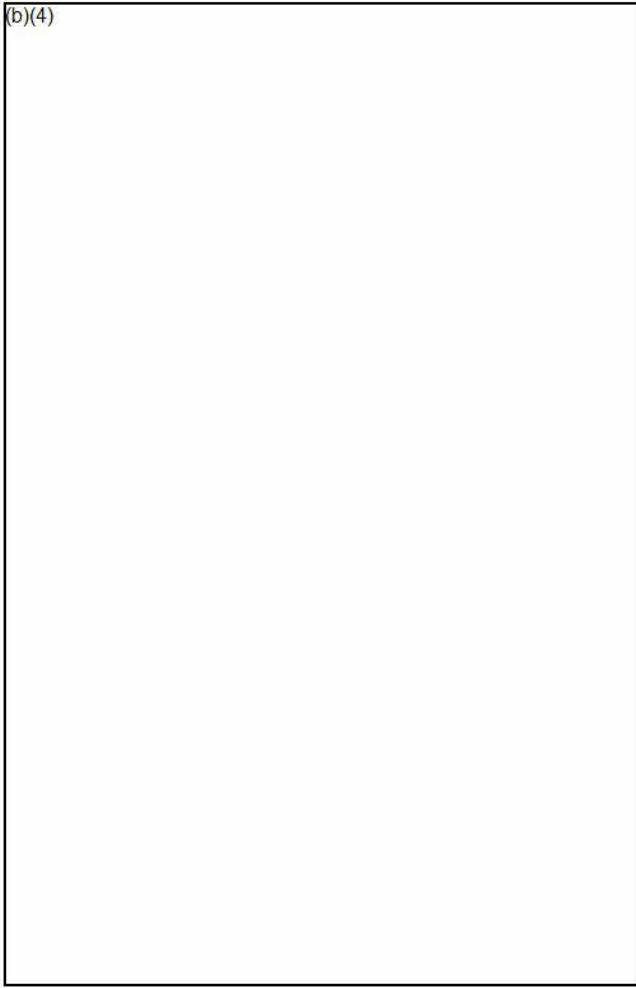
(b)(5)

(b)(6)

(b)(6)

(b)(6)

(b)(4)





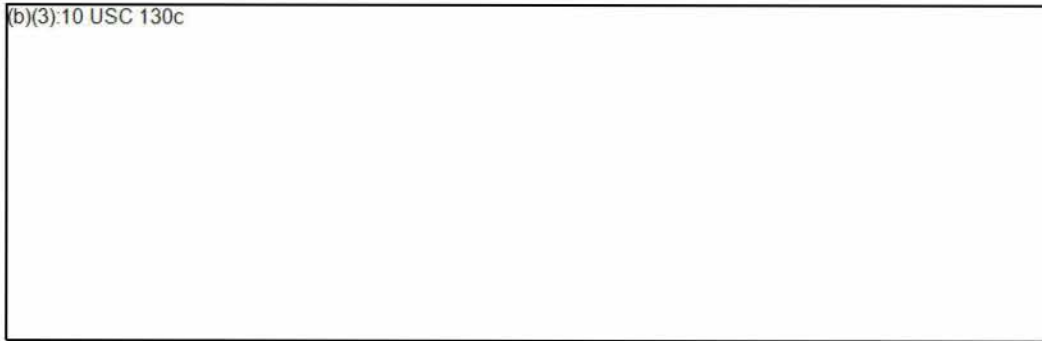
**Cooperative Biological Engagement Program (CBEP)**

**Biological Safety & Security (BS&S)**

**Pathogen Asset Control System**

**Implementation Plan**

(b)(3):10 USC 130c



**Revision 1.0**

**March 28, 2022**

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PACS Implementation Plan at (b)(3):10  
USC

**PACS Implementation Plan at** (b)(3):10  
USC 130c

(b)(4); (b)(6)

(b)(5)

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(b)(4)



(b)(4)



(b)(4)



## 2.7 Sustainability and Transition Plan

PACS sustainment includes maintenance of two main components:

1. IT infrastructure
  - a. Hardware Server and network
  - b. Computer workstations
  - c. Barcode equipment and peripherals
2. PACS Software Application

Maintenance of PACS will require availability of on-site IT services, refresh/repair of equipment (if necessary) and regular procurement (after initially provided package is used) of the following materials:

- Barcode consumables
- Cartridges for document printers
- Paper for document printers
- Antivirus annual renewal

Initial system Hardware/Software package provided by CBEP will include equipment on warranty from 1 to 3 years (depending on type of equipment), COTS software licenses and supplies sufficient for at least 2 years of system operations.

PACS software license will be provided with no expiration date and for unlimited number of workstations within (b)(3). Support of current version of PACS application will be provided at least through 2021.

Black & Veatch will supply (b)(3) all documentation required for successful maintenance of PACS.

During project implementation CBEP and (b)(3) will agree on mutually acceptable date when (b)(3) fully takes over the maintenance of PACS capability components.

### 3 Roles & Responsibilities

Matrix below defines Roles & Responsibilities of the project participants

Task / Responsible Party	LRIEH Leadership	LRIEH WG	LRIEH IT	CBEP	B&V	B&V Sub
<b>Preparation &amp; Planning</b>						
Review & Approve Implementation Plan	X			X		
MoU between CBEP & (b)(3):1	X			X		
Identify Working Group	X				X	
Define PACS locations	X	X	X			
Identify PACS trainees/users	X	X				
Identify additional requirements	X	X	X	X	X	
<b>Certification &amp; Attestation</b>						
Develop technical assignment for PACS attestation / certification					X	
Conduct tender and identify local licensed company to perform PACS attestation / certification					X	
Develop detailed schedule and plan for PACS attestation / certification					X	X
Implement PACS attestation / certification plan					X	X
Achieve attestation/certification of PACS	X	X	X	X	X	X
<b>Survey, Procurement &amp; Deployment</b>						
Conduct Site Survey					X	
Document AS-IS Business Process		X			X	
Develop Site-Specific Design			X		X	
Develop HW/SW specification					X	
Conduct HW/SW procurement					X	
Deploy SCS			X		X	X
Deploy COTS HW/SW			X		X	X
Deploy PACS			X		X	
Prepare "As-built"					X	
<b>Training</b>						
Define training schedule		X			X	
Conduct training and user examination					X	
Conduct initial customization, data entry and import						
<b>Commissioning</b>						
Initial customization, start trial use		X			X	
Document TO-BE business-process		X			X	
Fully customize to local requirements		X				



PACS Implementation Plan a (b)(3):10

Develop SOPs / Instructions		X	X	X	
Start real PACS operations	X	X			
Conduct TOP		X	X	X	
<b>Support &amp; Maintenance</b>					
Provide S&M			X	X	

PACS Implementation Plan at (b)(3):10

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(b)(4)



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PACS Implementation Plan at (b)(3):10

## 5 Deliverables

List of deliverables for PACS Implementation at (b)(3):10 includes:

- As-built Documentation
- PACS Maintenance Plan
- Standard Operation Procedures (SOPs) for PACS at (b)(3):10
- PACS User Manuals
- PACS Training Materials



**EQUIPMENT AND MATERIALS SPECIFICATION**

The Equipment Vendor shall check the following:

1. Integrity of the list, and make sure that different pieces of equipment integrate with each other (especially in case of any replacements).
2. Determine Part Numbers (P/N) from the description of the items in case these items do not have corresponding P/N shown in the list.
3. Specified warranty represents the required minimum, which shall be extended if standard (default) warranty provided by an OEM is longer.

**Table C.1.1: Specification - Server**

Item #	Specification	Qty	Price	Total
1	Table C.2.1: Specification C-2-1 - Server Equipment	1	\$(b)(4)	
<b>GRAND TOTAL:</b>			<b>\$</b>	<b>(b)(4)</b>

**Table C.1.2: Specification - Workstation**

Item #	Specification	Qty	Price	Total
1	Table C.3.1: Specification C-3-1 - All-in-one Workstation Equipment and Software	7	\$(b)(4)	
2	Table C.3.2: Specification C-3-2 - Barcode Printer	4	\$	
3	Table C.3.3: Specification C-3-3 - Barcode Scanner	7	\$	
4	Table C.3.4: Specification C-3-4 - Personal Printer	7	\$	
<b>GRAND TOTAL:</b>			<b>\$</b>	<b>(b)(4)</b>

**TOTAL: \$ 33,220.00**

**Table C.2.1: Specification C-2-1 - Server Equipment**

Item #	Bundle	P/N	Description	Warranty
<b>1. Server</b>				
1.1	Server	755262-B21	Proliant DL360 Gen9 E5-2630v3 Rack(1U)/Xeon8C 2.4GHz(20Mb)/1x16GbR2D_2133/P440arFBWC(2Gb/RAID 0/1/10/5/50/6/60)/noHDD(8)SFF/noDVD/iLOstd/4x1GbEth/EasyRK/1x50 0wFPlat(2up)	3 years
1.2		755384-B21	HP DL360 Gen9 Intel Xeon E5-2630v3 (2.4GHz/8-core/20MB/85W) Processor Kit	3 years
1.3		726718-B21	HP 8GB (1x8GB) Single Rank x4 DDR4-2133 CAS-15-15-15 Registered Memory Kit	3 years
1.4		764632-B21	HP DL360 Gen9 SFF DVD-RW	3 years
1.5		785069-B21	HP 900GB 12G SAS 10K rpm SFF(2.5-inch) SC 3yr Warranty Hard Drive	3 years
1.6		720478-B21	HP 500W Flex Slot Platinum Hot Plug Power Supply Kit	3 years
1.7	Backup	B7B69A	HP RDX1000 USB3.0 External Disk Backup System	3 years
1.8	Subsystem	Q2044A	HP RDX 1TB Removable Disk Cartridge	3 years
<b>2. Server Support</b>				
2.1	Monitor	F4M97AA	HP ProDisplay P17A 17-inch 5:4 LED Backlit Monitor	3 years
2.2	UPS	SMX1500RMI2U	APC Smart-UPS X 1500VA Rack/Tower LCD 230V	2 years
2.3	Server Console	638214-B21	HP USB BFR with PVC Free US Keyboard/Mouse Kit	1 year
<b>3. Networking and Communications</b>				
3.1	Networking	J9782A	HP 2530-24 Switch	Lifetime Limited
3.2	Cables	N/A	UTP Category 5 Patch Cord 2 m.	
3.3		N/A	UTP Category 5 Patch Cord 1 m.	
<b>4. Software</b>				
4.1	Microsoft	9EM-00120	WinSvrSTDCore SNGl LicSAPk OLP NL 2Lic CoreLic	
4.2	Software	228-10817	SQLServerStandardEdition 2016 Sngl OLP 1License NoLevel	

Qty	Price	Total
1	(b)(4)	
1		
1		
1		
4		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
6		
3		
8		
1		
<b>GRAND TOTAL:</b>		<b>\$ 14,248.00</b>

**Table C.3.1: Specification C-3-1 - All-in-one Workstation Equipment and Software**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	All-in-one	J7D87EA	HP ProOne 600 All-in-One 21.5"(1920x1080)WLED IPS,Core i5-4590S,4GB DDR3-1600 (1x4GB),500GB HDD 7200 SATA,DVD+/-RW,webcam,cardreader,GigEth,Wi-Fi,usb kbd/mse,Win7Pro(64-bit)+Win8Pro(64-bit),3-3-3 W/W	3 years	1	(b)(4)	
1.2	UPS	BX650LI	APC Back-UPS® 650	2 years	1		
1.3	Microsoft Software	R18-05121	WinSvrCAL 2016 SNGL OLP NL DvcCAL		1		
1.4		359-06322	SQLCAL 2016 Sngl OLP 1License NoLevel DvcCAL		1		
1.5	MS Office	N/A	Microsoft Office 2013 Home and Business		1		
1.6	Cables	N/A	UTP Category 5 Patch Cord 2 m.		1		
						<b>GRAND TOTAL:</b>	<b>\$ 1,825.00</b>

**Table C.3.2: Specification C-3-2 - Barcode Printer**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	Barcode Printer	GC420I	Zebra GC420I Desktop Barcode Printer	1 year	1	(b)(4)	
1.2		N/A	USB printer cable, 3 meters		1		
1.3	Barcode Labels	N/A	Thermal Transfer Tags, Dimensions: 1.5" x 0.5"/ Gap: 0.125"/ Corner Radius: 0.125"/ Corner Width: 1.625"/ Core Diameter: 1"/ Wind: Face Out/ Outer Diameter: 4"/ Perforations: No/ Labels per Roll: 2,480/ Service Temperature: from -196 °C to 80 °C		2		
1.4	Barcode Ribbon	N/A	Thermal Transfer Resin Ribbon, Ribbon Material: Resin/ Color: Black/ Width: 2.50"/ Length: 244"/Core Size: 0.5"		1		
						<b>GRAND TOTAL:</b>	<b>\$ 774.00</b>

**Table C.3.3: Specification C-3-3 - Barcode Scanner**

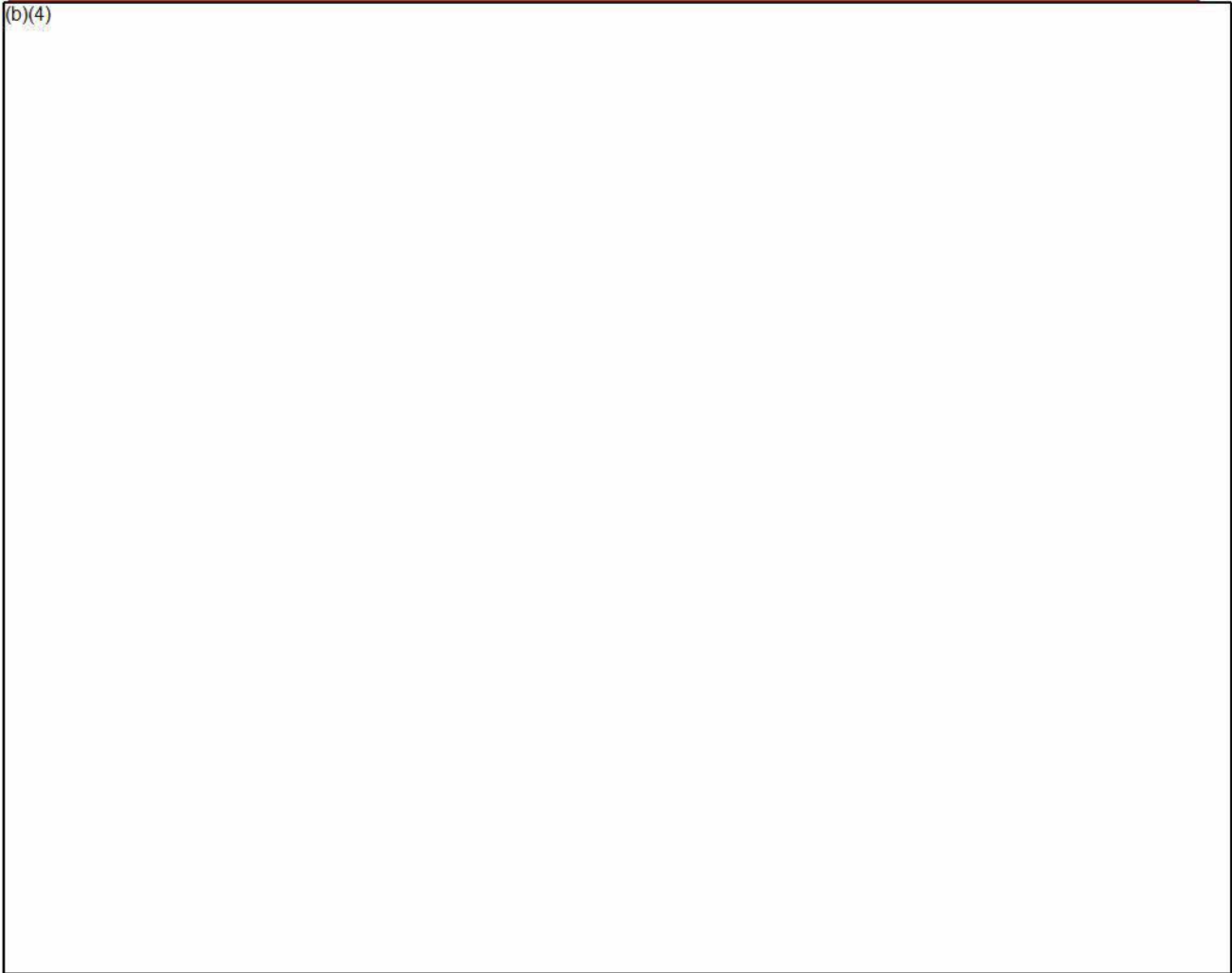
Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	Barcode Scanner	LS2208-USBKit	LS2208 USB Kit, White with USB Cable and Quick Start Guide (P/Ns if buy separately: LS2208-SR20007R, CBA-K01-S07PAR)	1 year	1	(b)(4)	
1.2		N/A	USB extension cable (female->male) , 5 meters		1		
						<b>GRAND TOTAL:</b>	<b>\$ 210.00</b>

**Table C.3.4: Specification C-3-4 - Personal Printer**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	Printer	CE651A	HP LaserJet Pro P1102 (A4, 1200dpi, 18ppm, 2Mb, 1tray 150, USB)		1	(b)(4)	
1.2		C6518A	HP USB Cable, A to B, 2 meters		1		
1.3	Consumables	CE285A	HP LaserJet CE285A Black Print Cartridge for HP LaserJet Pro P1102 printer		1		
1.4		N/A	A4 Paper, 500 pages		3		
						<b>GRAND TOTAL:</b>	<b>\$ 233.00</b>



(b)(4)





Cooperative Biological Engagement Program (CBEP)

## **Pathogen Asset Control System (PACS) Site Specific Design for**

(b)(3):10 USC 130c

SSD (b)(3):10 USC 130c 001

**Revision # 0.1**

Prepared by: Black & Veatch

### PACS Site Specific Design for

(b)(3):10 USC 130c

This document contains site specific design information required for the following site deployment:

(b)(3):10 USC 130c

Actual for: 2022/03/28

Confirmed by:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (b)(3):10 USC 130c (Black & Veatch) Director Representative

2022/03/28  
2022/03/28  
2022/03/28

## Introduction

This document provides details of Site Specific Design (SSD) for the Pathogen Access Control System (PACS) at (b)(3):10 USC 130c SSD and Deployment Guide provide required information for PACS deployment at (b)(3):10 USC 130c

## Referenced Documents

PACS (b)(3):10 USC Specification

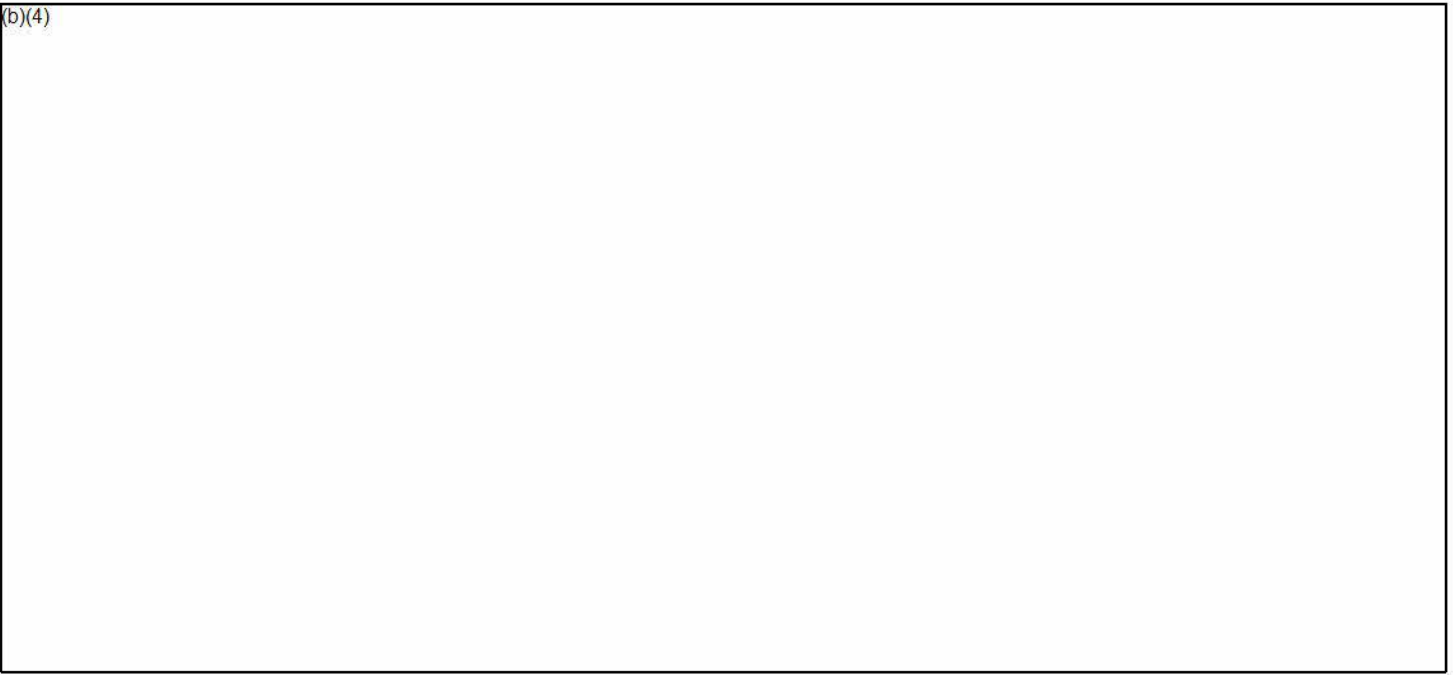
## Revision History

Revision	Issue Date	SCR	Comments
0.1	2017/02/13	N/A	Initial Document

## Definitions, Acronyms, Abbreviations

Definition	Value
CBEP	Cooperative Biological Engagement Program
PACS	Pathogen Asset Control System
DHCP	Dynamic Host Configuration Protocol
DNS	Domain Name Service
IP	Internet Protocol
SSD	Site Specific Design
UPS	Uninterruptible Power Source

(b)(4)



## Physical Conditions

Information shown in following table is collected during Site Survey. This Survey (observation) may not be full, and cannot be considered as a part of specialized assessment.

Subcontractor shall assure that issues listed in following table are resolved prior to equipment installation.

#	Location	Description	Possible impact	Required activities	Photo

## Structured Cabling System and Equipment Placement

Subcontractor shall prepare and coordinate Structured Cabling System and Equipment placement plans with in-country Black & Veatch representative.

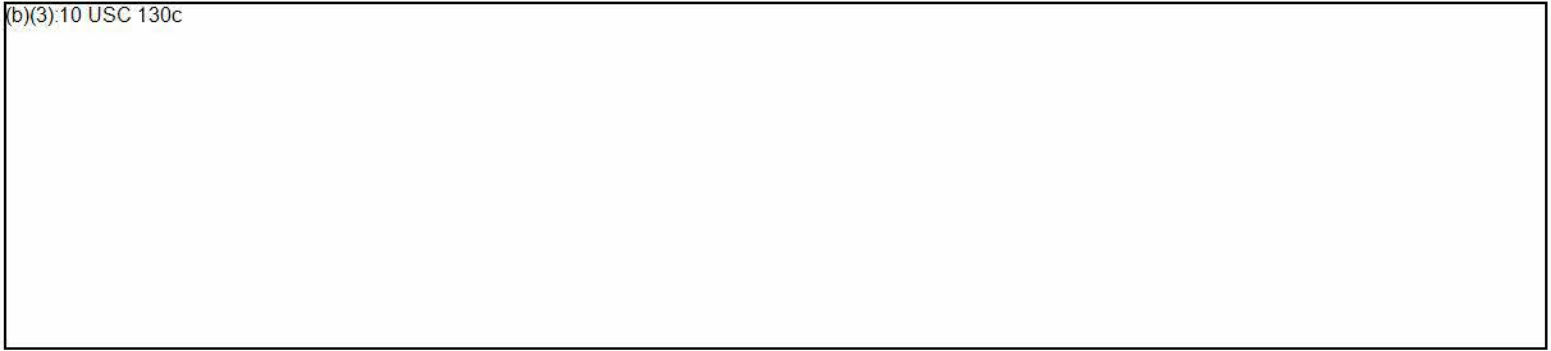
### Equipment Placement Plan

(b)(4)

(b)(4)



(b)(3):10 USC 130c



(b)(4)

(b)(4)

(b)(4)

PACS Implementation at the (b)(3):10 USC 130c

### Phase 2 On-the-Job Training Report, August 21-22, 2018

Executive Summary:

- PACS on-the-job training was conducted for users of the (b)(3):10 USC 130c (b)(3):10 USC 130c in August 21-22, 2018 under Phase 2 implementation activities;
- PACS existing configuration and customization were checked jointly with the on-site PACS Working Group (WG);
- Phase 1 implementation activities, including progress and current status were reviewed; issues and problems discussed and resolved.

(b)(4)

(b)(5)

(b)(3):10 USC 130c

*Future activities*

- PACS users to continue with material registration, moving and destruction operations.
- PACS users to reflect the process of Subculturing in PACS;
- B&V to update Standard Operating Procedure (SOP) to include the Subculturing operation process (completed);
- (b)(3) to perform check of PACS interface and provide feedback (if any);
- Phase 3 implementation activities agreed for November 2018.

(b)(6)

(b)(5)

(b)(5)

PACS Implementation at the (b)(3):10 USC 130c

Phase 3 On-the-Job Training Report, November 28-29, 2018

*Executive Summary:*

- B&V has completed the final stage of PACS implementation at the (b)(3):10 USC 130c (b)(3):10 USC 130c. The site has been fully commissioned in all operations of PACS functionality;
- PACS on-the-job training and on-site activities were conducted for users on November 28-29, 2018 under Phase 3 implementation activities;
- PACS existing configuration and customization were checked jointly with the on-site PACS Working Group (WG);
- Phase 2 implementation activities were reviewed; issues and problems discussed and resolved;
- Standard Operating Procedure (SOP) for PACS use at PHC was updated to include the Diagnostic Operation process – the updated SOP submitted to the on-site Working Group.

(b)(4); (b)(6)

(b)(5)

(b)(4)

(b)(5)

Future activities

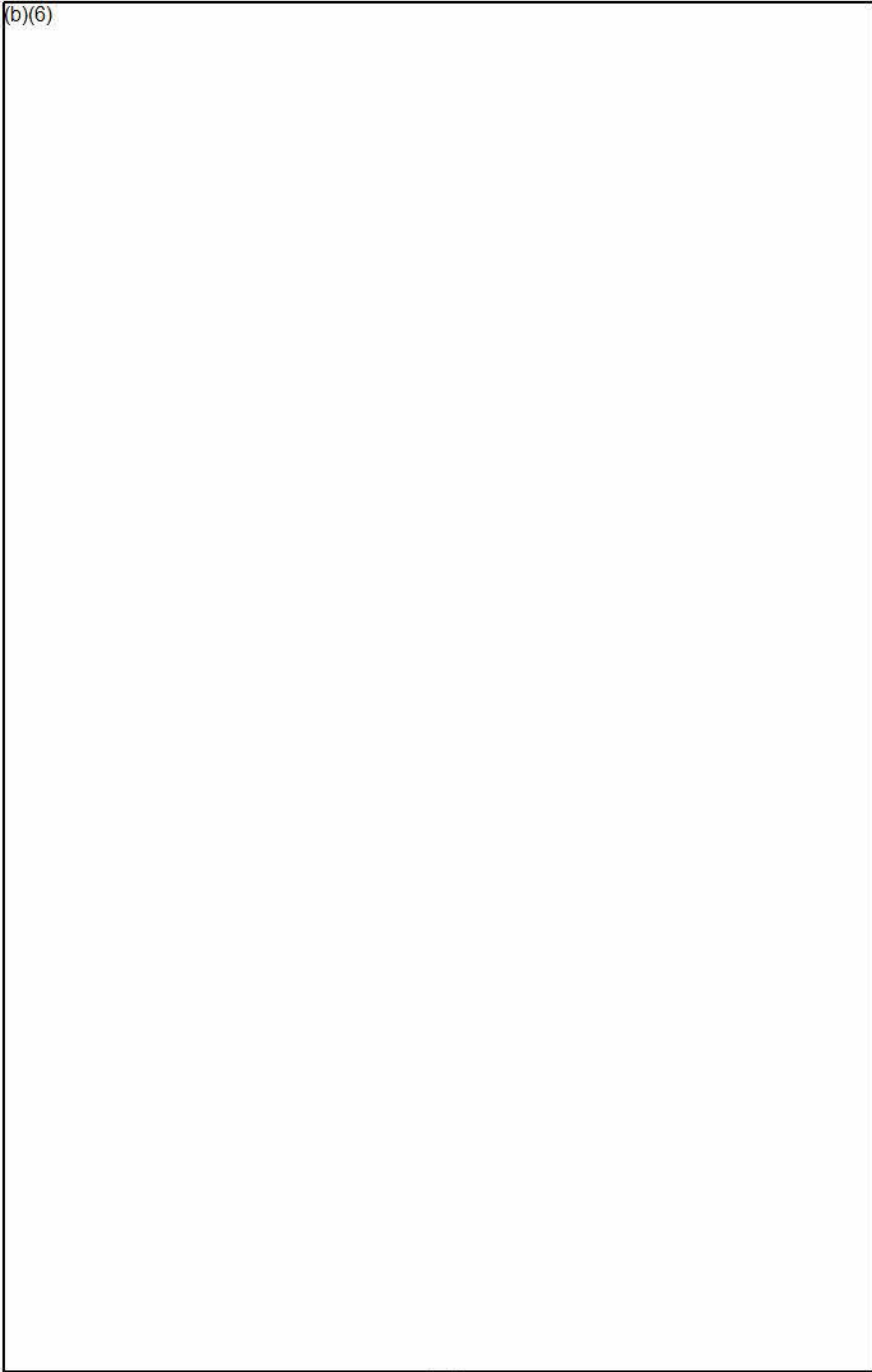
- PACS users to continue with material registration, moving, destruction and subculturing operations;
- PACS users to reflect the process of Diagnostic Operations in PACS;
- B&V to continue assisting in setting up of test sets and diagnostic templates together with PACS users;
- B&V to provide access to PACS Helpdesk to PACS users;  
B&V to continue support PACS users of PHC.

(b)(6)

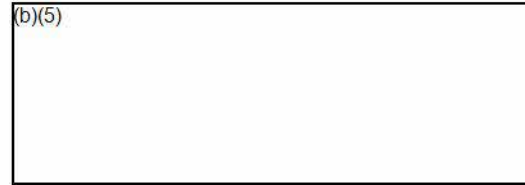
(b)(5)



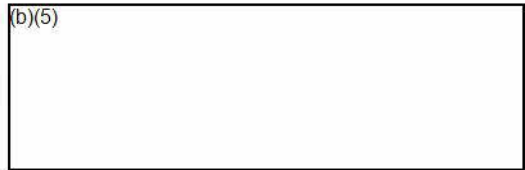
(b)(6)



(b)(5)



(b)(5)



**From:** (b)(6)  
**To:** (b)(6)  
**Subject:** [Non-DoD Source] Fwd: [External] (b)(3):10 PACS Phase 2 Implementation Completion Report  
**Date:** Wednesday, August 8, 2018 2:46:32 PM  
**Attachments:** PACS Implementation at (b)(3):10 in Ukraine Phase 2 - Report (EN).docx

All active links contained in this email were disabled. Please verify the identity of the sender, and confirm the authenticity of all links contained within the message prior to copying and pasting the address to a Web browser.

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**From:** (b)(6)  
**Sent:** Wednesday, August 8, 2018 10:27:47 AM  
**To:** (b)(6)  
(b)(6)  
**Cc:** (b)(6)  
(b)(6)  
**Subject:** [External] (b)(3):10 PACS Phase 2 Implementation Completion Report  
USC 130c

Dear all,

Attached you will find the report on completion of Phase 2 implementation activities at (b)(3):10 USC 130c. The conducted on-the-job training covered enhanced PACS operations, while the team also worked to review all existing issues and Phase 1 status and activities.

We're happy with the implementation progress and the response and level of engagement of the users to the system - the site is using PACS in daily operations and the (b)(3):10 USC 130c has already been registered in the system. The Working Group is considering the substitution of current paper reports with PACS-generated reports.

Going forward, the site will continue with PACS operations including those features/functions covered under Phase 2 activities.

B&V and the Working Group proceed with SOPs update (to cover Phase 2 activities) while Phase 3 (final phase) of the implementation has been agreed for October 2018.

Let us know if you have any questions.

PACS Implementation at the

(b)(3):10 USC 130c

(b)(3):10 USC 130c

## Phase 2 On-the-Job Training Report, July 30-31, 2018

### Executive Summary

- PACS on-the-job training was conducted for users of the (b)(3):10 USC 130c (b)(3):10 USC 130c (b)(3):10 USC 130c
- (b)(3):10 USC 130c (b)(3):10 USC 130c on July 30-31, 2018 under Phase 2 implementation activities;
- PACS existing configuration and customization were checked jointly with the on-site PACS Working Group (WG);
- Phase 1 implementation activities, including progress and current status were reviewed; issues and problems discussed and resolved.

### OJT Participants

(b)(4); (b)(5)



(b)(4)

Future activities

- PACS users to continue with material registration, moving and destruction operations.
- PACS users to reflect the process of Subculturing in PACS;
- B&V to update Standard Operating Procedure (SOP) to include the Subculturing operation process;
- (b)(3):10 USC 130c to perform check of PACS interface and provide feedback (if any);
- Phase 3 implementation activities agreed for October 2018.

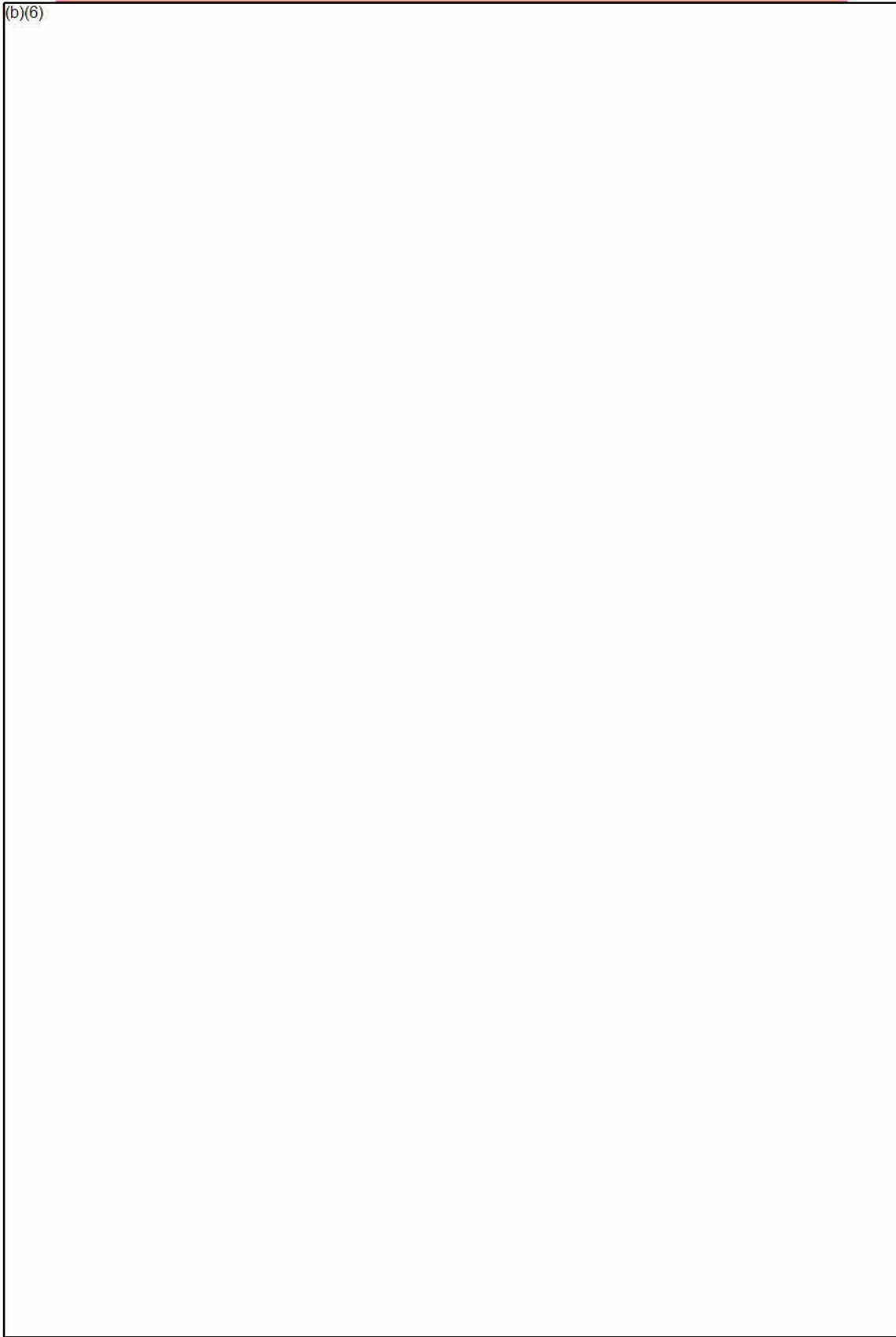
(b)(4)

*Phase 1 SOPs in use*



BLACK & VEATCH

(b)(6)



Thanks,

(b)(6)



Please consider the environment before printing my email

Please note that the information and attachments in this email are intended for the exclusive use of the addressee and may contain confidential or privileged information. If you are not the intended recipient, please do not forward, copy or print the message or its attachments. Notify me at the above address, and delete this message and any attachments. Thank you.

PACS Implementation at the (b)(3):10 USC 130c  
(b)(3):10 USC 130c

Phase 3 On-the-Job Training Report, October 30-31/November 14, 2018

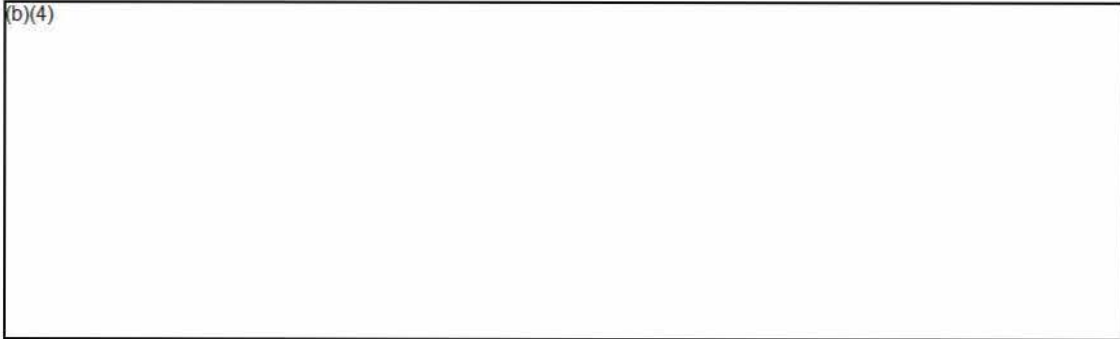
Executive Summary

- B&V has completed the final stage of PACS implementation at the (b)(3):10 USC 130c  
(b)(3):10 USC 130c  
(b)(3):10 USC 130c The site has been fully commissioned in all operations of PACS functionality.
- PACS on-the-job training and on-site activities were conducted for users on October 30-31, 2018 under Phase 3 implementation activities, Virology Department activities were conducted on November 14<sup>th</sup>;
- PACS existing configuration and customization were checked jointly with the on-site PACS Working Group (WG):
- Phase 2 implementation activities were reviewed; issues and problems discussed and resolved;
- Standard Operating Procedure (SOP) for PACS use at (b)(3):10 USC 130c was updated to include the Diagnostic Operation process the updated SOP submitted to the on-site Working Group.

(b)(4); (b)(6)

(b)(5)

(b)(4)



*Future activities*

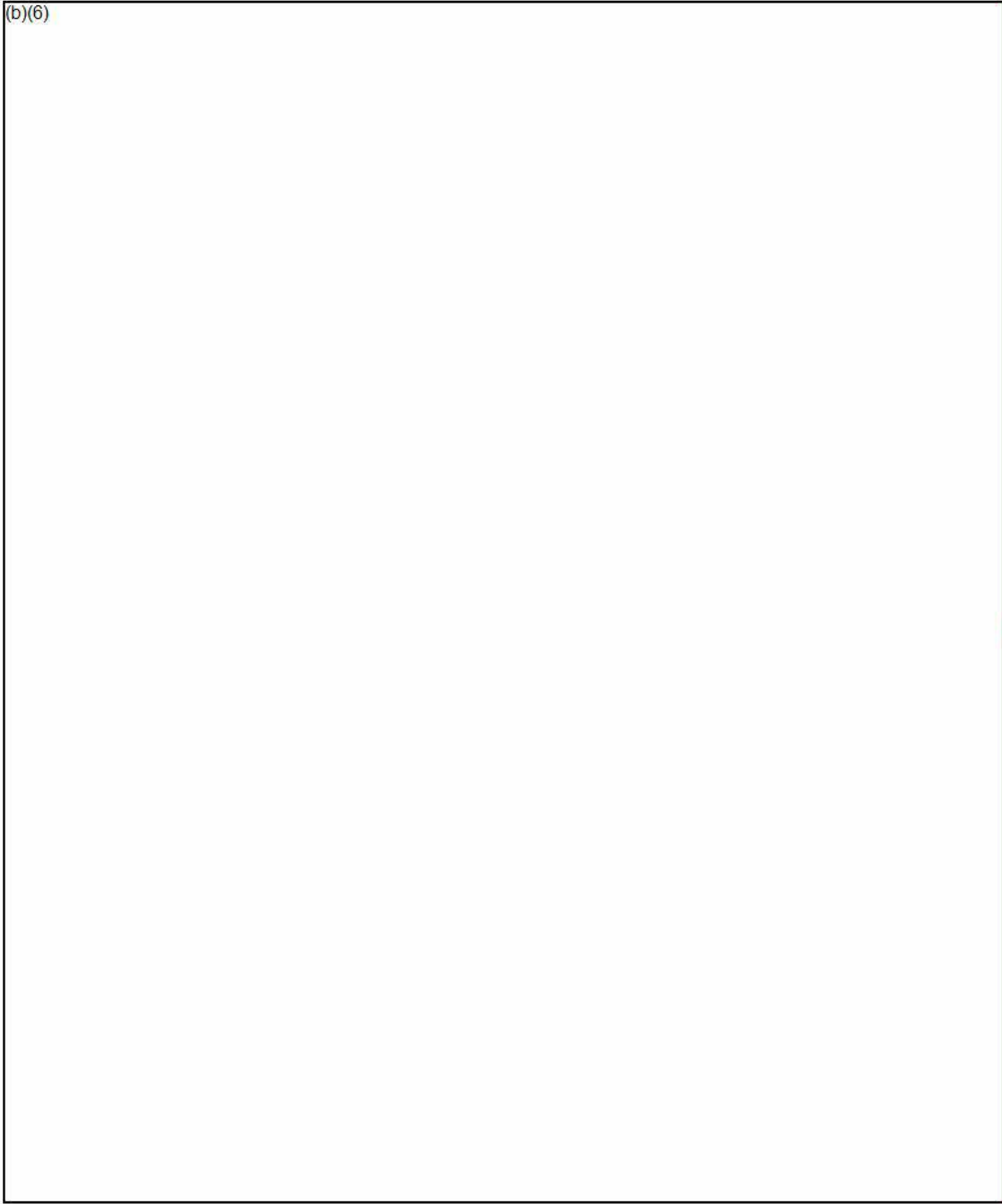
- PACS users to continue with material registration, moving, destruction and subculturing operations.
- PACS users to reflect the process of Diagnostic Operations in PACS:
- (b)(3):10 to send copy of draft decree on official acceptance of PACS electronic reports (to be sent for approval by (b)(3):10 to B&V per (b)(3):10 leadership B&V to provide comments if any.
- B&V to provide access to PACS Helpdesk to PACS users.
- B&V to continue support PACS users at (b)(3):10  
USC 130c



(b)(6)

(b)(5)

(b)(6)



(b)(5)



(b)(5)



(b)(6)

(b)(5)

(b)(5)

(b)(6)

(b)(5)



BLACK & VEATCH

**Cooperative Biological Engagement Program (CBEP)**

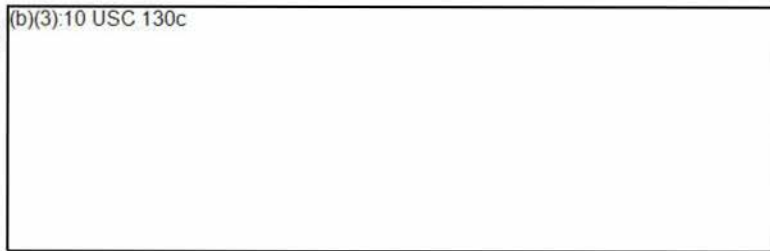
**Biological Safety & Security (BS&S)**

**Pathogen Asset Control System**

**Implementation Plan**

At the

(b)(3):10 USC 130c



**Revision 1.0**

**March 28, 2022**

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PACS Implementation Plan a (b)(3):10  
USC 130c

**PACS Implementation Plan a** (b)(3):10  
USC 130c

(b)(4); (b)(6)

(b)(5)

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4 Schedule.....10

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(b)(4)





(b)(4)



(b)(4)



## 2.7 Sustainability and Transition Plan

PACS sustainment includes maintenance of two main components:

1. IT infrastructure
  - a. Hardware Server and network
  - b. Computer workstations
  - c. Barcode equipment and peripherals
2. PACS Software Application

Maintenance of PACS will require availability of on-site IT services, refresh/repair of equipment (if necessary) and regular procurement (after initially provided package is used) of the following materials:

- Barcode consumables
- Cartridges for document printers
- Paper for document printers
- Antivirus annual renewal

Initial system Hardware/Software package provided by CBEP will include equipment on warranty from 1 to 3 years (depending on type of equipment), COTS software licenses and supplies sufficient for at least 2 years of system operations.

PACS software license will be provided with no expiration date and for unlimited number of workstations within SSCIBSM. Support of current version of PACS application will be provided at least through 2021.

Black & Veatch will supply (b)(3):10 all documentation required for successful maintenance of PACS.

During project implementation CBEP and (b)(3):10 will agree on mutually acceptable date when

(b)(3):10 fully takes over the maintenance of PACS capability components.

### 3 Roles & Responsibilities

Matrix below defines Roles & Responsibilities of the project participants

Task / Responsible Party	SSCIBSM Leadership	SSCIBSM WG	SSCIBSM IT	CBEP	B&V	B&V Sub
<b>Preparation &amp; Planning</b>						
Review & Approve Implementation Plan	X			X		
MoU between CBEP & (b)(3):10	X			X		
Identify Working Group	X				X	
Define PACS locations	X	X	X			
Identify PACS trainees/users	X	X				
Identify additional requirements	X	X	X	X	X	
<b>Certification &amp; Attestation</b>						
Develop technical assignment for PACS attestation / certification				X		
Conduct tender and identify local licensed company to perform PACS attestation / certification				X		
Develop detailed schedule and plan for PACS attestation / certification				X	X	
Implement PACS attestation / certification plan				X	X	
Achieve attestation/certification of PACS	X	X	X	X	X	X
<b>Survey, Procurement &amp; Deployment</b>						
Conduct Site Survey				X		
Document AS-IS Business Process		X		X		
Develop Site-Specific Design		X		X		
Develop HW/SW specification				X		
Conduct HW/SW procurement				X		
Deploy SCS		X		X	X	
Deploy COTS HW/SW		X		X	X	
Deploy PACS		X		X		
Prepare "As-built"				X		
<b>Training</b>						
Define training schedule		X		X		
Conduct training and user examination				X		
Conduct initial customization, data entry and import						
<b>Commissioning</b>						
Initial customization, start trial use		X		X		
Document TO-BE business-process		X		X		
Fully customize to local requirements		X				

PACS Implementation Plan at (b)(3):10

Develop SOPs / Instructions		X	X	X	
Start real PACS operations	X	X			
Conduct TOP		X	X	X	
<b>Support &amp; Maintenance</b>					
Provide S&M			X	X	

(b)(4)

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PACS Implementation Plan at (b)(3):10  
USC 130c

## 5 Deliverables

List of deliverables for PACS Implementation at (b)(3):10  
USC 130c includes:

- As-built Documentation
- PACS Maintenance Plan
- Standard Operation Procedures (SOPs) for PACS at (b)(3):10  
USC 130c
- PACS User Manuals
- PACS Training Materials



**EQUIPMENT AND MATERIALS SPECIFICATION**

The Equipment Vendor shall check the following:

1. Integrity of the list, and make sure that different pieces of equipment integrate with each other (especially in case of any replacements).
2. Determine Part Numbers (P/N) from the description of the items in case these items do not have corresponding P/N shown in the list.
3. Specified warranty represents the required minimum, which shall be extended if standard (default) warranty provided by an OEM is longer.

**Table C.1.1: Specification - Server**

Item #	Specification	Qty	Price	Total
1	Table C.2.1: Specification C-2-1 - Server Equipment	1	\$(b)(4)	
<b>GRAND TOTAL:</b>				<b>\$ (b)(4)</b>

**Table C.1.2: Specification - Workstation**

Item #	Specification	Qty	Price	Total
1	Table C.3.1: Specification C-3-1 - All-in-one Workstation Equipment and Software	8	\$(b)(4)	
2	Table C.3.2: Specification C-3-2 - Barcode Printer	6	\$	
3	Table C.3.3: Specification C-3-3 - Barcode Scanner	6	\$	
4	Table C.3.4: Specification C-3-4 - Personal Printer	4	\$	
<b>GRAND TOTAL:</b>				<b>\$ (b)(4)</b>

**TOTAL: \$ 35,684.00**



**Table C.2.1: Specification C-2-1 - Server Equipment**

Item #	Bundle	P/N	Description	Warranty
<b>1. Server</b>				
1.1	Server	755262-B21	Proliant DL360 Gen9 E5-2630v3 Rack(1U)/Xeon8C 2.4GHz(20Mb)/1x16GbR2D_2133/P440arFBWC(2Gb/RAID 0/1/10/5/50/6/60)/noHDD(8)SFF/noDVD/iLOstd/4x1GbEth/EasyRK/1x50 0wFPlat(2up)	3 years
1.2		755384-B21	HP DL360 Gen9 Intel Xeon E5-2630v3 (2.4GHz/8-core/20MB/85W) Processor Kit	3 years
1.3		726718-B21	HP 8GB (1x8GB) Single Rank x4 DDR4-2133 CAS-15-15-15 Registered Memory Kit	3 years
1.4		764632-B21	HP DL360 Gen9 SFF DVD-RW	3 years
1.5		785069-B21	HP 900GB 12G SAS 10K rpm SFF(2.5-inch) SC 3yr Warranty Hard Drive	3 years
1.6		720478-B21	HP 500W Flex Slot Platinum Hot Plug Power Supply Kit	3 years
1.7	Backup	B7B69A	HP RDX1000 USB3.0 External Disk Backup System	3 years
1.8	Subsystem	Q2044A	HP RDX 1TB Removable Disk Cartridge	3 years
<b>2. Server Support</b>				
2.1	Monitor	F4M97AA	HP ProDisplay P17A 17-inch 5:4 LED Backlit Monitor	3 years
2.2	UPS	SMX1500RMI2U	APC Smart-UPS X 1500VA Rack/Tower LCD 230V	2 years
2.3	Server Console	638214-B21	HP USB BFR with PVC Free US Keyboard/Mouse Kit	1 year
<b>3. Networking and Communications</b>				
3.1	Networking	J9782A	HP 2530-24 Switch	Lifetime Limited
3.2	Cables	N/A	UTP Category 5 Patch Cord 2 m.	
3.3		N/A	UTP Category 5 Patch Cord 1 m.	
<b>4. Software</b>				
4.1	Microsoft	9EM-00120	WinSvrSTDCore SINGL LicSAPk OLP NL 2Lic CoreLic	
4.2	Software	228-10817	SQLServerStandardEdition 2016 Sngl OLP 1License NoLevel	

Qty	Price	Total
1	(b)(4)	
1		
1		
1		
4		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
6		
3		
8		
1		
<b>GRAND TOTAL:</b>		<b>\$ 14,248.00</b>

**Table C.3.1: Specification C-3-1 - All-in-one Workstation Equipment and Software**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	All-in-one	J7D87EA	HP ProOne 600 All-in-One 21.5"(1920x1080)WLED IPS,Core i5-4590S,4GB DDR3-1600 (1x4GB),500GB HDD 7200 SATA,DVD+/-RW,webcam,cardreader,GigEth,Wi-Fi,usb kbd/mse,Win7Pro(64-bit)+Win8Pro(64-bit) 3-3-3 Wty	3 years	1	(b)(4)	
1.2	UPS	BX650LI	APC Back-UP900 650	2 years	1		
1.3	Microsoft Software	R18-05121	WinSvrCAL 2016 SNGL OLP NL DvcCAL		1		
1.4		359-06322	SQLCAL 2016 Sngl OLP 1License NoLevel DvcCAL		1		
1.5	MS Office	N/A	Microsoft Office 2013 Home and Business		1		
1.6	Cables	N/A	UTP Category 5 Patch Cord 2 m.		1		
						<b>GRAND TOTAL:</b>	<b>\$ 1,825.00</b>

**Table C.3.2: Specification C-3-2 - Barcode Printer**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	Barcode Printer	GC420I	Zebra GC420I Desktop Barcode Printer	1 year	1	(b)(4)	
1.2		N/A	USB printer cable, 3 meters		1		
1.3	Barcode Labels	N/A	Thermal Transfer Tags, Dimensions: 1.5" x 0.5"/ Gap: 0.125"/ Corner Radius: 0.125"/ Corner Width: 1.625"/ Core Diameter: 1"/ Wind: Face Out/ Outer Diameter: 4"/ Perforations: No/ Labels per Roll: 2,480/ Service Temperature: from -19.6°C to 80 °C		2		
1.4	Barcode Ribbon	N/A	Thermal Transfer Resin Ribbon, Ribbon Material: Resin/ Color: Black/ Width: 2.50"/ Length: 244"/Core Size: 0.5"		1		
						<b>GRAND TOTAL:</b>	<b>\$ 774.00</b>

**Table C.3.3: Specification C-3-3 - Barcode Scanner**

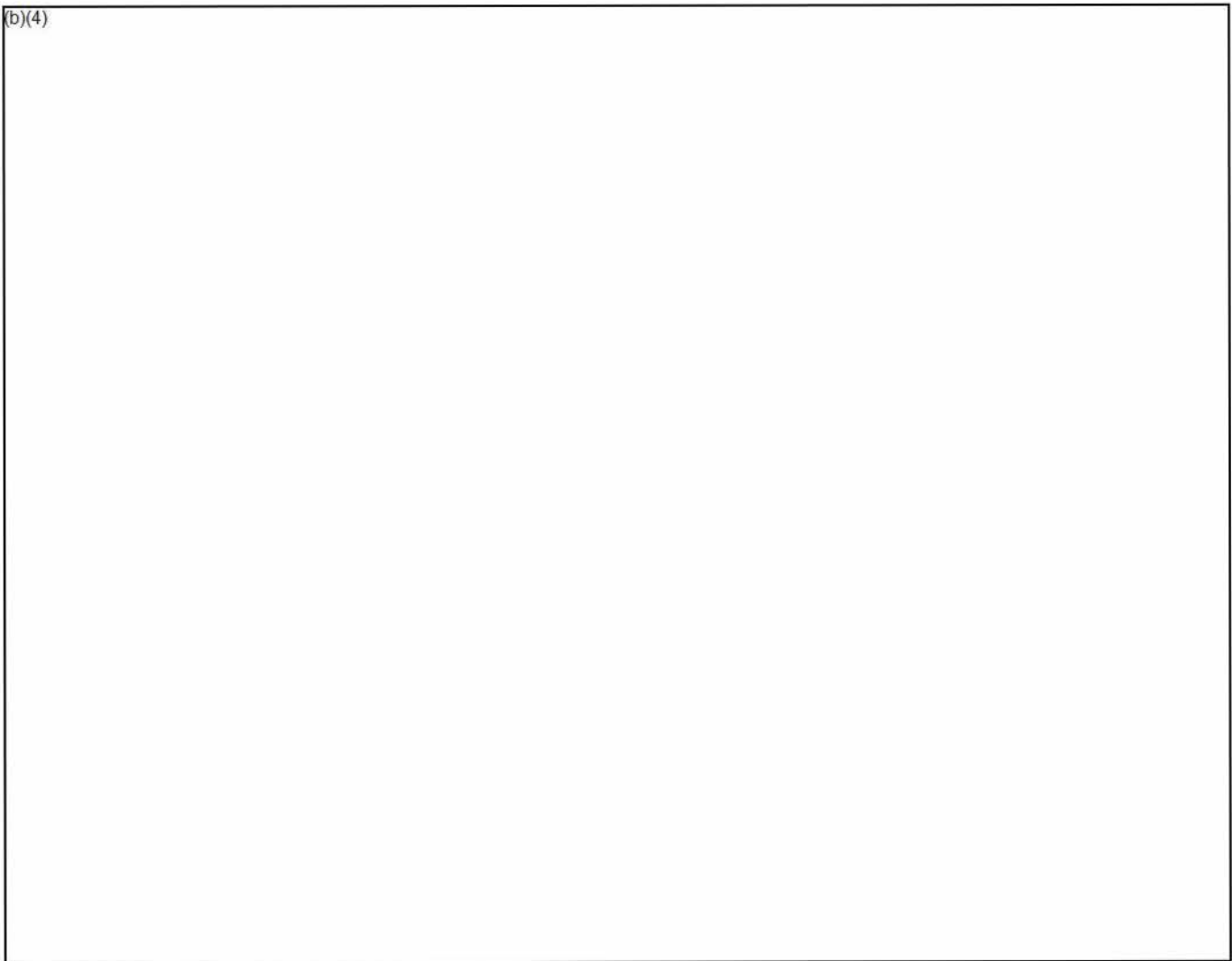
Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	Barcode Scanner	LS2208-USBKit	LS2208 USB Kit, Write with USB Cable and Quick Start Guide (P/Ns if buy separately: LS2208-SR20007R, CBA-K01-S07PAR)	1 year	1	(b)(4)	
1.2		N/A	USB extension cable (female->male), 5 meters		1		
						<b>GRAND TOTAL:</b>	<b>\$ 210.00</b>

**Table C.3.4: Specification C-3-4 - Personal Printer**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	Printer	CE851A	HP LaserJet Pro P1102 (A4, 1200dpi, 18ppm, 2Mb, 1tray 150, USB)		1	(b)(4)	
1.2		CE518A	HP USB Cable, A to B, 2 meters		1		
1.3	Consumables	CE285A	HP LaserJet CE285A Black Print Cartridge for HP LaserJet Pro P1102 printer		1		
1.4		N/A	A4 Paper, 500 pages		3		
						<b>GRAND TOTAL:</b>	<b>\$ 233.00</b>



(b)(4)



Cooperative Biological Engagement Program (CBEP)

## **Pathogen Asset Control System (PACS) Site Specific Design for**

(b)(3):10 USC 130c

SSD (b)(3):10 USC 130c 001

**Revision # 0.1**

Prepared by: Black & Veatch

### PACS Site Specific Design for

(b)(3):10 USC 130c

This document contains site specific design information required for the following site deployment:

(b)(3):10 USC 130c

Actual for: 2022/03/28

Confirmed by:

_____	(Black & Veatch)	<u>2022/03/28</u>
_____	(b)(3):10 USC 130c Director	<u>2022/03/28</u>
_____	Representative	<u>2022/03/28</u>

## Introduction

This document provides details of Site Specific Design (SSD) for the Pathogen Access Control System (PACS) at (b)(3):10 USC 130c

(b)(3):10 USC 130c SSD and Deployment Guide provide required information for PACS

## Referenced Documents

PACS (b)(3):10 USC 130c Specification

## Revision History

Revision	Issue Date	SCR	Comments
0.1	2017/02/13	N/A	Initial Document

## Definitions, Acronyms, Abbreviations

Definition	Value
CBEP	Cooperative Biological Engagement Program
PACS	Pathogen Asset Control System
DHCP	Dynamic Host Configuration Protocol
DNS	Domain Name Service
IP	Internet Protocol
SSD	Site Specific Design
UPS	Uninterruptible Power Source



(b)(4)



## Physical Conditions

Information shown in following table is collected during Site Survey. This Survey (observation) may not be full, and cannot be considered as a part of specialized assessment.

Subcontractor shall assure that issues listed in following table are resolved prior to equipment installation.

#	Location	Description	Possible impact	Required activities	Photo

## Structured Cabling System and Equipment Placement

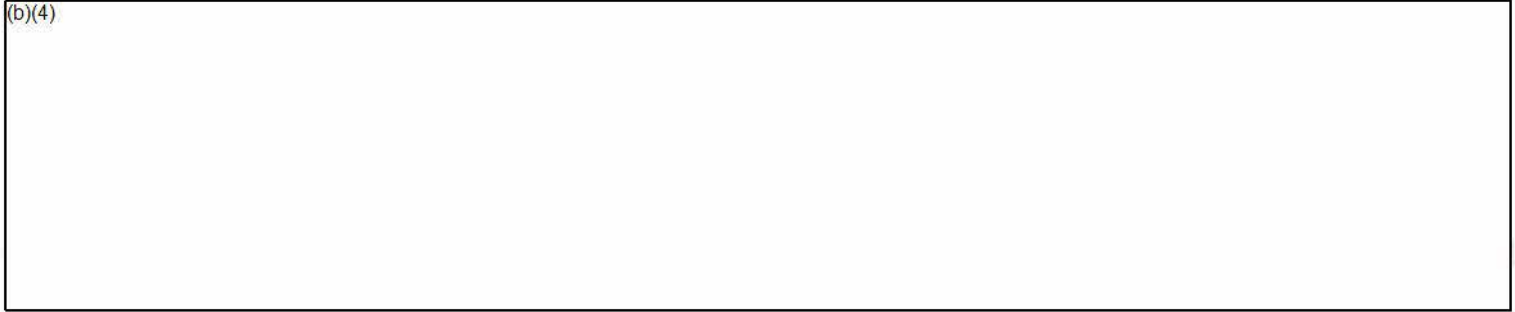
Subcontractor shall prepare and coordinate Structured Cabling System and Equipment placement plans with in-country Black & Veatch representative.

### Equipment Placement Plan

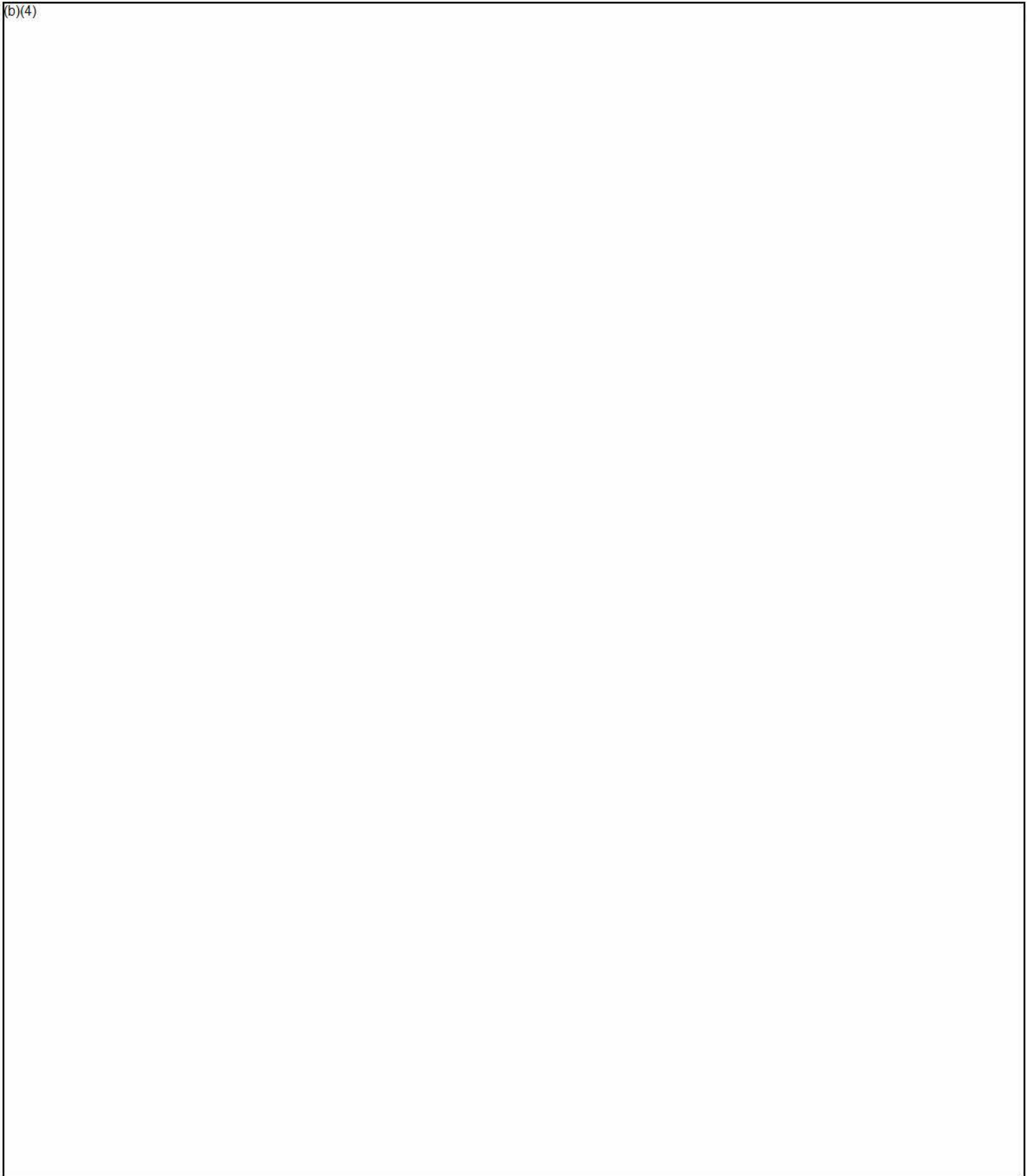
(b)(4)

(b)(4)

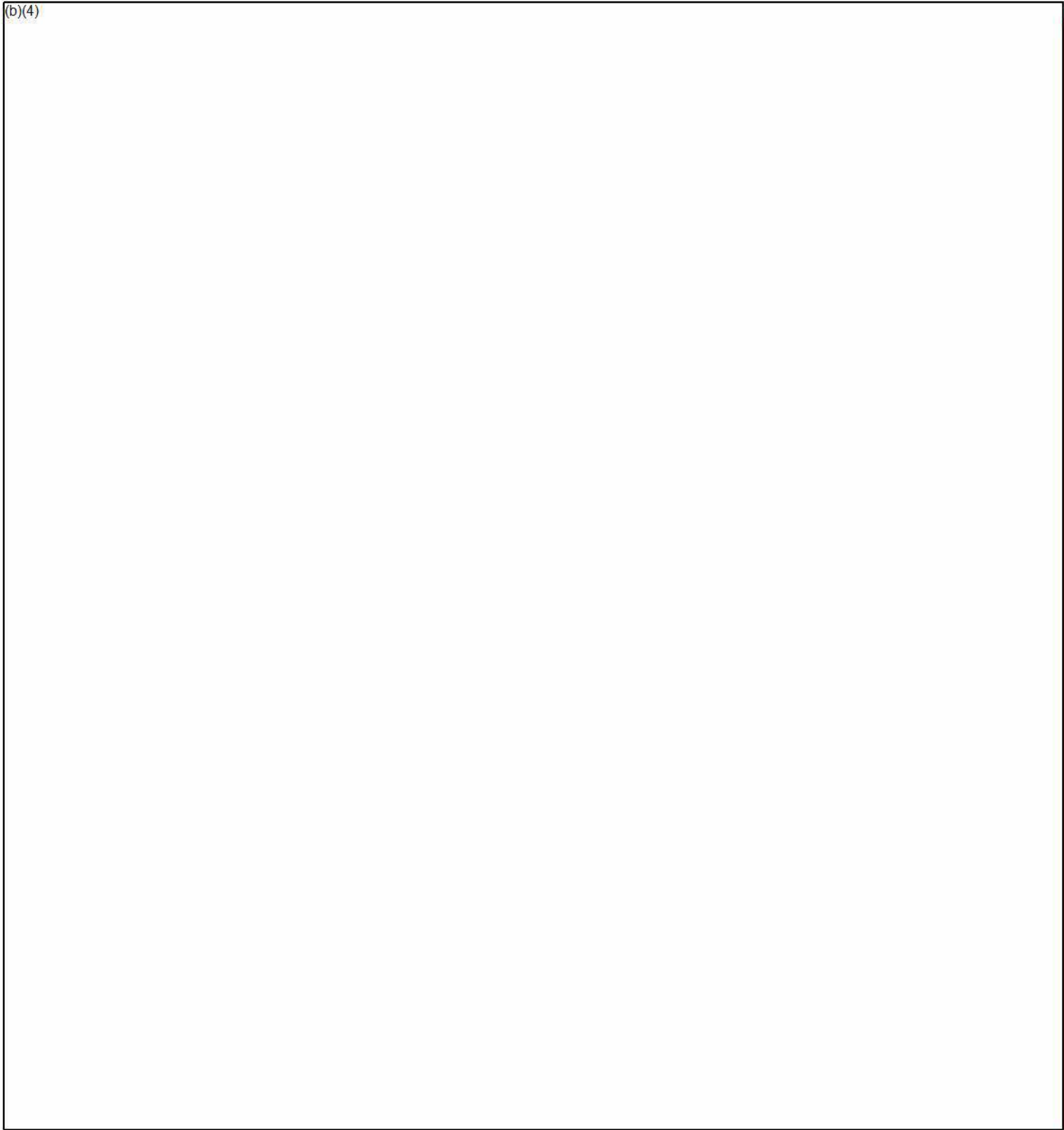
(b)(4)



(b)(4)



(b)(4)



(b)(4)



PACS Implementation at the (b)(3):10 USC 130c  
(b)(3):10 USC 130c

On-the-Job Training and Commissioning Report, June 11 –13, 2019

*Executive Summary:*

- B&V has completed PACS implementation at the (b)(3):10 USC 130c (b)(3):10 USC 130c. The site has been fully commissioned in all operations of PACS functionality;
- PACS on-the-job training and on-site activities were conducted for users on June 11-13, 2013 under Phase 2-3 implementation activities;
- PACS existing configuration and customization were checked jointly with the on-site PACS Working Group (WG);
- Phase 1 implementation activities were reviewed; issues and problems discussed and resolved:

(b)(4); (b)(6)

(b)(5)

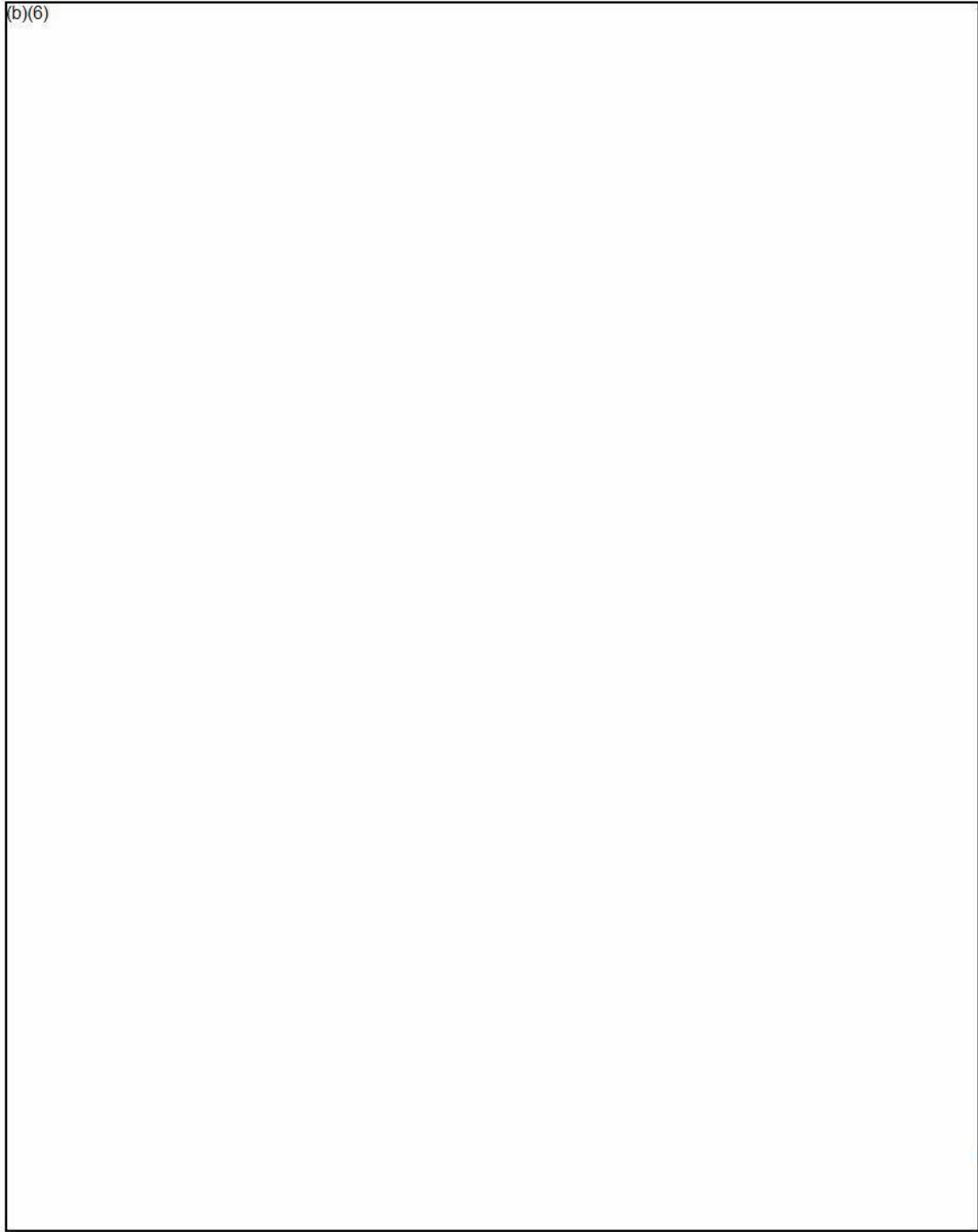
(b)(3):10 USC 130c

Future activities

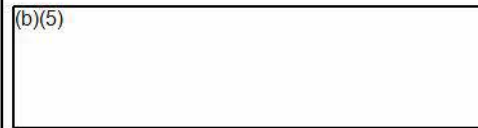
- PACS users to continue with material registration, moving, destruction and subculturing operations;
- PACS users to reflect the process of Subculturing Operations and Diagnostic Operations in PACS;
- B&V to provide access to PACS Helpdesk to PACS users;
- B&V to update Standard Operating Procedure (SOP) to include the Subculturing and Diagnostic operations process;
- B&V to continue support of PACS users of

(b)(3):10 USC  
130c

(b)(6)



(b)(5)



(b)(5)



PACS Implementation at the (b)(3):10 USC 130c  
(b)(3):10 USC 130c

On-the-Job Training and Commissioning Report, March 18 – 27, 2019

*Executive Summary*

- PACS HW/SW infrastructure was procured and installed at the allocated space at the (b)(3):10 USC 130c (b)(3):10 USC 130c
  - o 1 server and 3 workstations operating in a closed network environment (isolated from the Internet);
  - o All approvals for network installation, including specifics at certain laboratories, were received from the site leadership.
- PACS HW/SW infrastructure was successfully configured at the (b)(3):10 USC and prepared for training/commissioning activities;
- PACS training activities, including on-the-job training (OJT) session, were conducted for users of the (b)(3):10 USC during March 18 – 27, 2019 (classroom training: March 18 – 22, 2019; OJT: March 25 – 27, 2019);
- PACS configuration and customization were performed jointly with the on-site PACS Working Group (WG).

(b)(4); (b)(6)

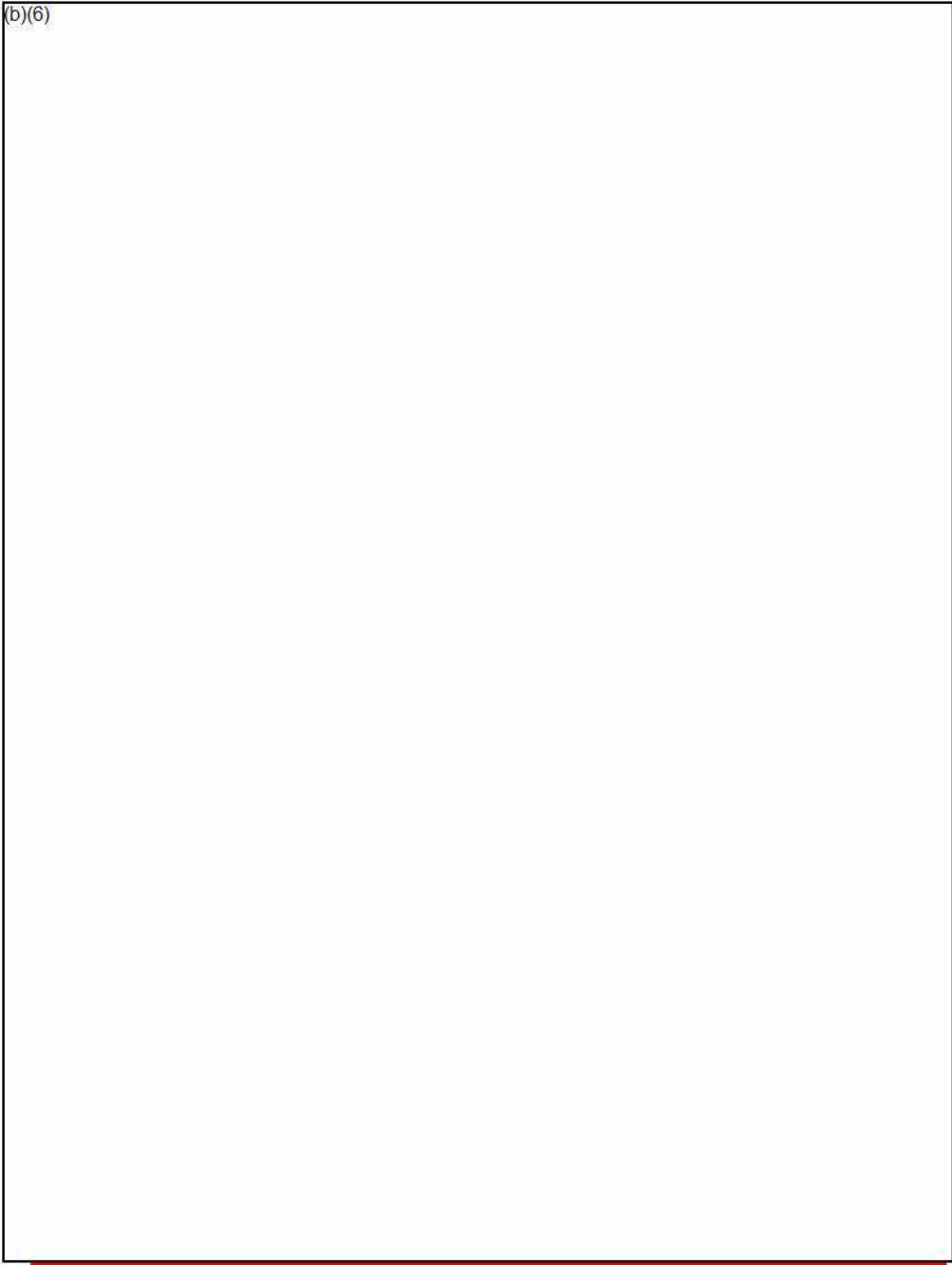
(b)(5)

(b)(4)

Future activities

- PACS users to perform registration of all existing pathogens in PACS by June 2019;
- (b)(3):10 and B&V to prepare Standard Operating Procedure (SOP) documentation for daily operations;
- B&V to update the Phased Implementation Plan;
- (b)(3):10 to perform check of PACS interface and provide feedback;
- Phase 2 implementation activities agreed for July 2019.

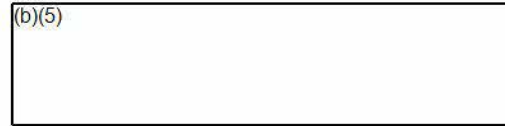
(b)(6)



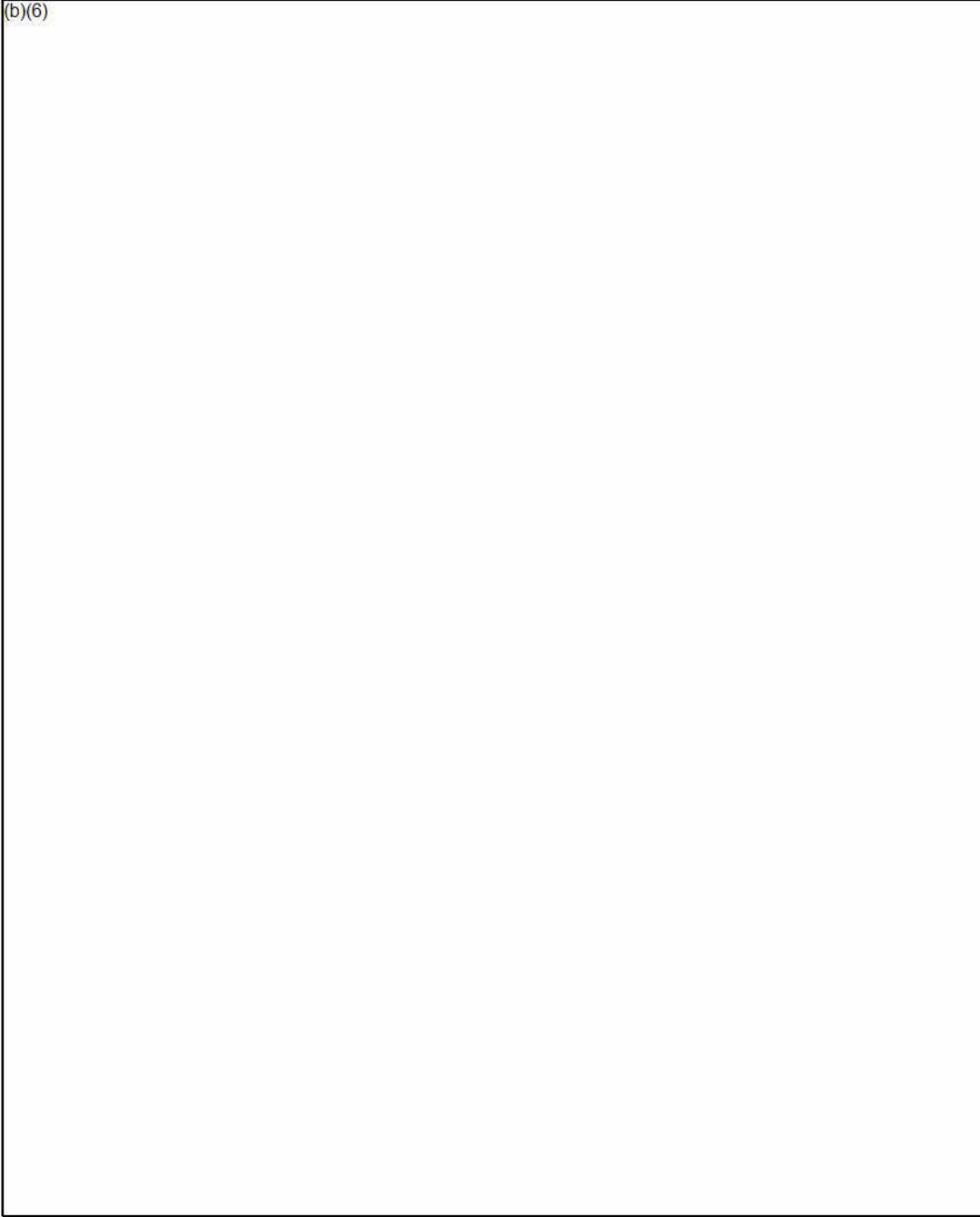
(b)(5)



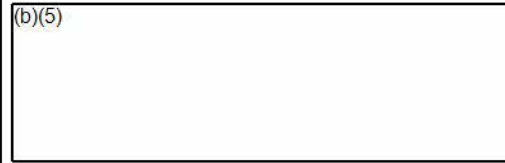
(b)(5)



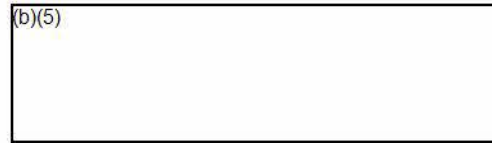
(b)(6)



(b)(5)



(b)(5)

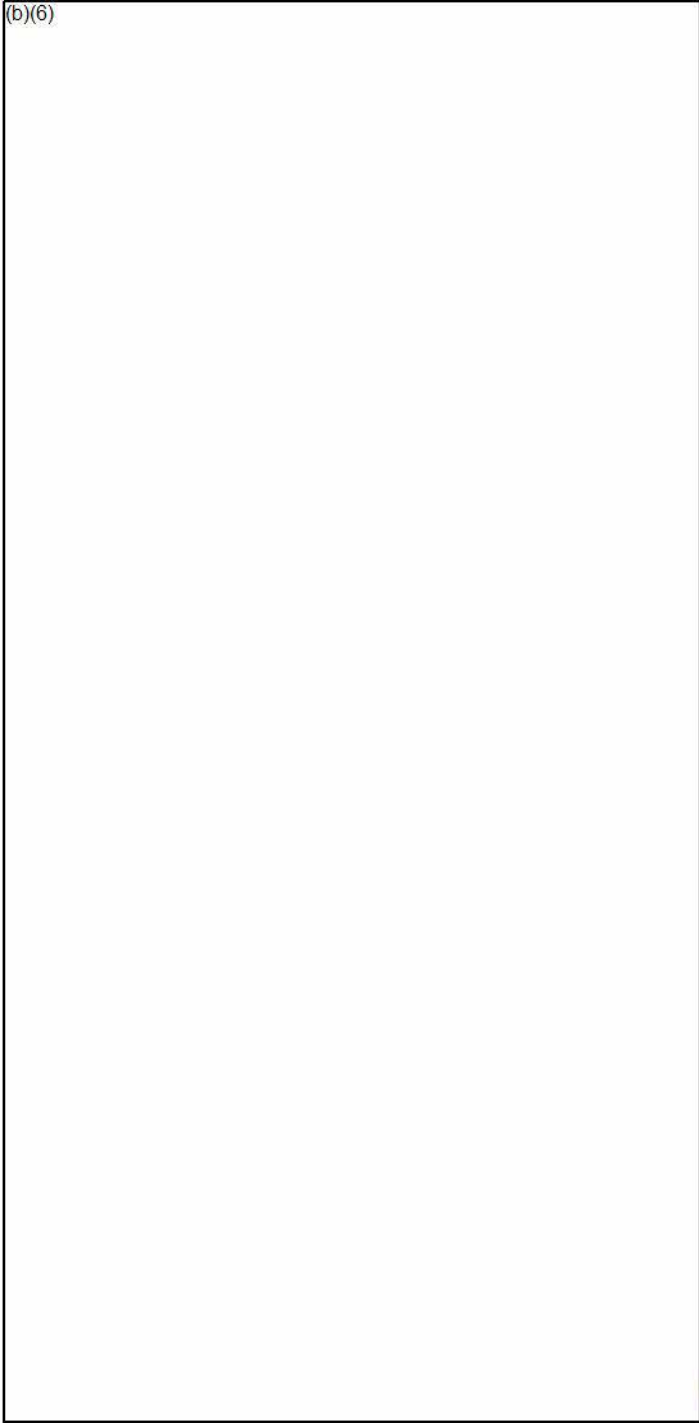


(b)(6)

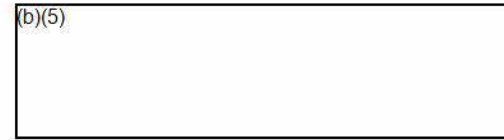
(b)(5)



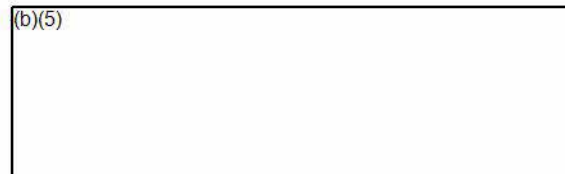
(b)(6)



(b)(5)



(b)(5)



**Cooperative Biological Engagement Program (CBEP)**

**Biological Safety & Security (BS&S)**

**Pathogen Asset Control System**

**Implementation Plan**

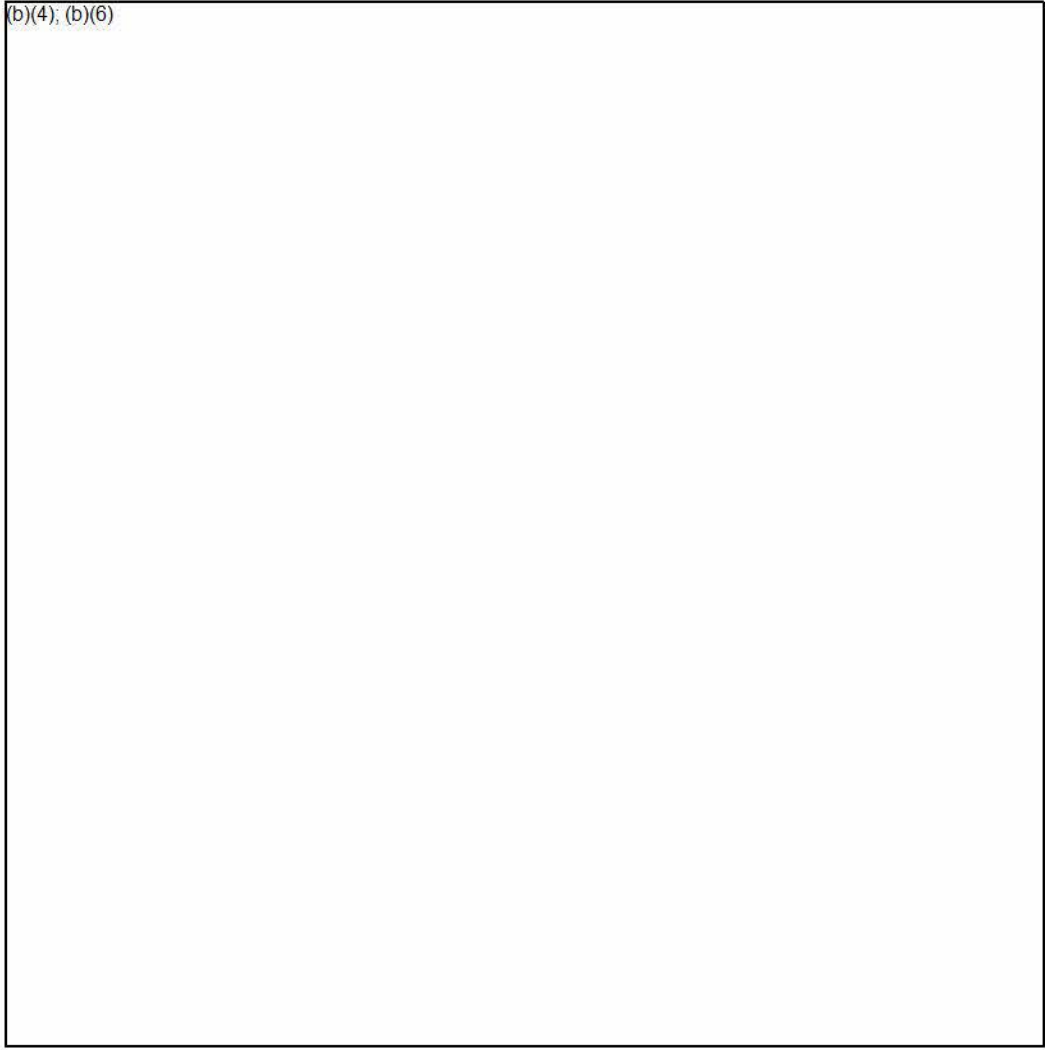
(b)(3):10 USC 130c



**Revision 1.0**

**March 28, 2022**

(b)(4); (b)(6)



(b)(5)



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(b)(4)



(b)(4)



(b)(4)



## 2.7 Sustainability and Transition Plan

PACS sustainment includes maintenance of two main components:

1. IT infrastructure
  - a. Hardware Server and network
  - b. Computer workstations
  - c. Barcode equipment and peripherals
2. PACS Software Application

Maintenance of PACS will require availability of on-site IT services, refresh/repair of equipment (if necessary) and regular procurement (after initially provided package is used) of the following materials:

- Barcode consumables
- Cartridges for document printers
- Paper for document printers
- Antivirus annual renewal

Initial system Hardware/Software package provided by CBEP will include equipment on warranty from 1 to 3 years (depending on type of equipment), COTS software licenses and supplies sufficient for at least 2 years of system operations.

PACS software license will be provided with no expiration date and for unlimited number of workstations within (b)(3):1 Support of current version of PACS application will be provided at least through 2021.

Black & Veatch will supply (b)(3):1 all documentation required for successful maintenance of PACS.

During project implementation CBEP and (b)(3): will agree on mutually acceptable date when (b)(3):10 fully takes over the maintenance of PACS capability components.



### 3 Roles & Responsibilities

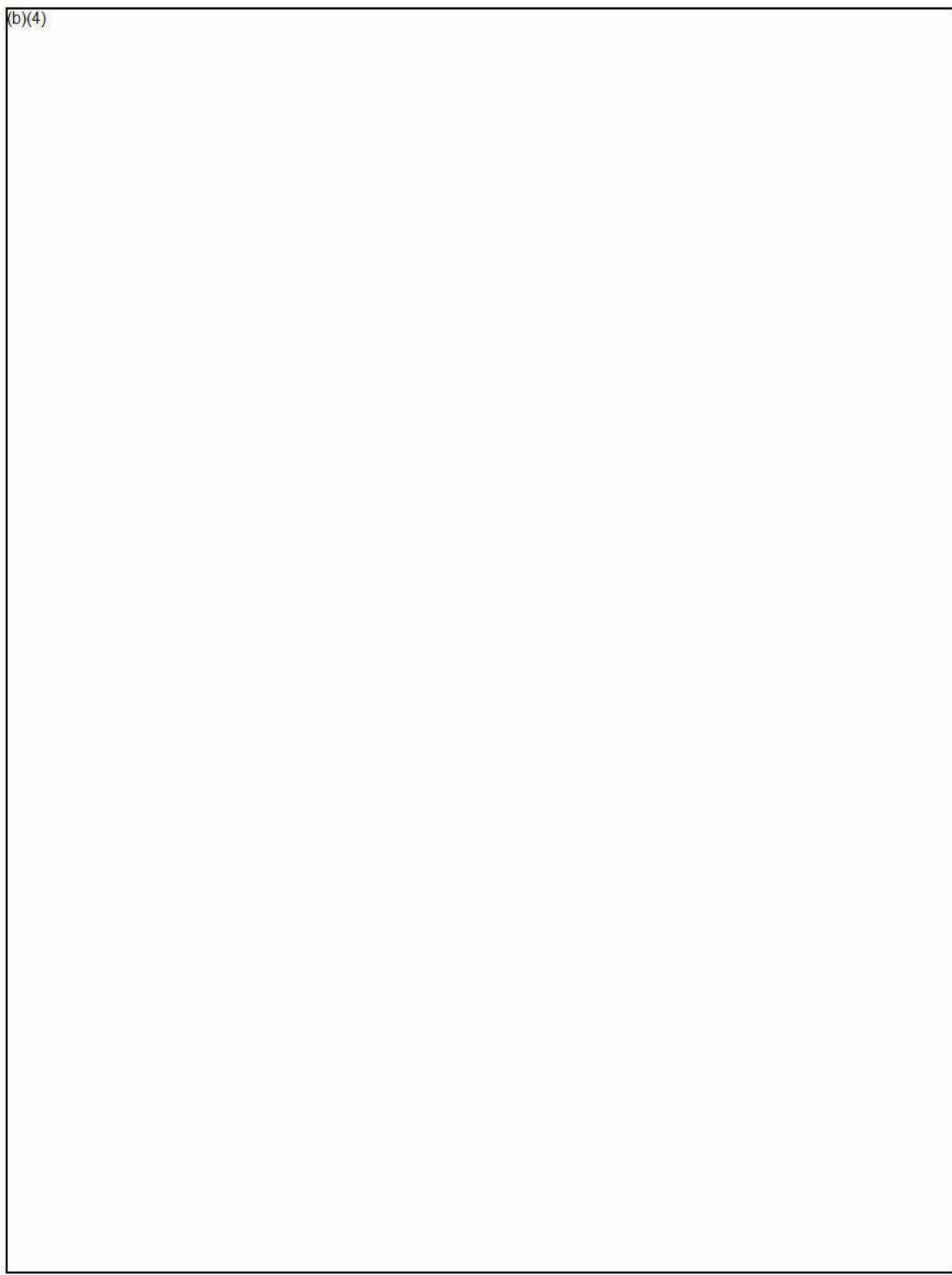
Matrix below defines Roles & Responsibilities of the project participants

Task / Responsible Party	URAPI Leadership	URAPI WG	URAPI IT	CBEP	B&V	B&V Sub
<b>Preparation &amp; Planning</b>						
Review & Approve Implementation Plan	X			X		
MoU between CBEP & (b)(3):10 USC 130c	X			X		
Identify Working Group	X				X	
Define PACS locations	X	X	X			
Identify PACS trainees/users	X	X				
Identify additional requirements	X	X	X	X	X	
<b>Certification &amp; Attestation</b>						
Develop technical assignment for PACS attestation / certification					X	
Conduct tender and identify local licensed company to perform PACS attestation / certification					X	
Develop detailed schedule and plan for PACS attestation / certification					X	X
Implement PACS attestation / certification plan					X	X
Achieve attestation/certification of PACS	X	X	X	X	X	X
<b>Survey, Procurement &amp; Deployment</b>						
Conduct Site Survey					X	
Document AS-IS Business Process		X			X	
Develop Site-Specific Design			X		X	
Develop HW/SW specification					X	
Conduct HW/SW procurement					X	
Deploy SCS			X		X	X
Deploy COTS HW/SW			X		X	X
Deploy PACS			X		X	
Prepare "As-built"					X	
<b>Training</b>						
Define training schedule		X			X	
Conduct training and user examination					X	
Conduct initial customization, data entry and import						
<b>Commissioning</b>						
Initial customization, start trial use		X			X	
Document TO-BE business-process		X			X	
Fully customize to local requirements		X				

PACS Implementation Plan at (b)(3)-1

Develop SOPs / Instructions		X	X	X	
Start real PACS operations	X	X			
Conduct TOP		X	X	X	
<b>Support &amp; Maintenance</b>					
Provide S&M			X	X	

(b)(4)



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PACS Implementation Plan at (b)(3):10  
USC 130c

## 5 Deliverables

List of deliverables for PACS Implementation at (b)(3):10 includes:

- As-built Documentation
- PACS Maintenance Plan
- Standard Operation Procedures (SOPs) for PACS at (b)(3):10
- PACS User Manuals
- PACS Training Materials



**EQUIPMENT AND MATERIALS SPECIFICATION**

The Equipment Vendor shall check the following:

1. Integrity of the list, and make sure that different pieces of equipment integrate with each other (especially in case of any replacements).
2. Determine Part Numbers (P/N) from the description of the items in case these items do not have corresponding P/N shown in the list.
3. Specified warranty represents the required minimum, which shall be extended if standard (default) warranty provided by an OEM is longer.

**Table C.1.1: Specification - Server**

Item #	Specification	Qty	Price	Total
1	Table C.2.1: Specification C-2-1 - Server Equipment	1	\$(b)(4)	
<b>GRAND TOTAL:</b>				(b)(4)

**Table C.1.2: Specification - Workstation**

Item #	Specification	Qty	Price	Total
1	Table C.3.1: Specification C-3-1 - All-in-one Workstation Equipment and Software	3	(b)(4)	
2	Table C.3.2: Specification C-3-2 - Barcode Printer	3		
3	Table C.3.3: Specification C-3-3 - Barcode Scanner	3		
4	Table C.3.4: Specification C-3-4 - Personal Printer	2		
<b>GRAND TOTAL:</b>				(b)(4)
<b>TOTAL:</b>			<b>\$</b>	<b>23,141.00</b>

**Table C.2.1: Specification C-2-1 - Server Equipment**

Item #	Bundle	P/N	Description	Warranty
<b>1. Server</b>				
1.1	Server	755262-B21	Proliant DL360 Gen9 E5-2630v3 Rack(1U)/Xeon8C 2.4GHz(20Mb)/1x16GbR2D_2133/P440arFBWC(2Gb/RAID 0/1/10/5/50/6/60)/noHDD(8)SFF/noDVD/iLOstd/4x1GbEth/EasyRK/1x50 0wFPlat(2up)	3 years
1.2		755384-B21	HP DL360 Gen9 Intel Xeon E5-2630v3 (2.4GHz/8-core/20MB/85W) Processor Kit	3 years
1.3		726718-B21	HP 8GB (1x8GB) Single Rank x4 DDR4-2133 CAS-15-15-15 Registered Memory Kit	3 years
1.4		764632-B21	HP DL360 Gen9 SFF DVD-RW	3 years
1.5		785069-B21	HP 900GB 12G SAS 10K rpm SFF(2.5-inch) SC 3yr Warranty Hard Drive	3 years
1.6		720478-B21	HP 500W Flex Slot Platinum Hot Plug Power Supply Kit	3 years
1.7	Backup	B7B69A	HP RDX1000 USB3.0 External Disk Backup System	3 years
1.8	Subsystem	Q2044A	HP RDX 1TB Removable Disk Cartridge	3 years
<b>2. Server Support</b>				
2.1	Monitor	F4M97AA	HP ProDisplay P17A 17-inch 5:4 LED Backlit Monitor	3 years
2.2	UPS	SMX1500RMI2U	APC Smart-UPS X 1500VA Rack/Tower LCD 230V	2 years
2.3	Server Console	638214-B21	HP USB BFR with PVC Free US Keyboard/Mouse Kit	1 year
<b>3. Networking and Communications</b>				
3.1	Networking	J9782A	HP 2530-24 Switch	Lifetime Limited
3.2	Cables	N/A	UTP Category 5 Patch Cord 2 m.	
3.3		N/A	UTP Category 5 Patch Cord 1 m.	
<b>4. Software</b>				
4.1	Microsoft	9EM-00120	WinSvrSTDCore SNGL LicSAPk OLP NL 2Lic CoreLic	
4.2	Software	228-10817	SQLServerStandardEdition 2016 Sngl OLP 1License NoLevel	

Qty	Price	Total
1	(b)(4)	
1		
1		
1		
4		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
6		
3		
8		
1		
<b>GRAND TOTAL:</b>		<b>\$ 14,248.00</b>

**Table C.3.1: Specification C-3-1 - All-in-one Workstation Equipment and Software**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	All-in-one	J7D87EA	HP ProOne 600 All-in-One 21.5"(1920x1080)WLED IPS,Core i5-4590S,4GB DDR3-1600 (1x4GB),500GB HDD 7200 SATA,DVD+/-RW,webcam,cardreader,GigEth,Wi-Fi,usb kbd/mse,Win7Pro(64-bit)+Win8Pro(64-bit),3.3.3 W/ty	3 years	1	(b)(4)	
1.2	UPS	BX650LI	APC Back-UPS@ 650	2 years	1		
1.3	Microsoft Software	R18-05121	WinSvrCAL 2016 SNGL OLP NL DvcCAL		1		
1.4		359-06322	SQLCAL 2016 Sngl OLP 1License NoLevel DvcCAL		1		
1.5	MS Office	N/A	Microsoft Office 2013 Home and Business		1		
1.6	Cables	N/A	UTP Category 5 Patch Cord 2 m.		1		
						<b>GRAND TOTAL:</b>	<b>\$ 1,825.00</b>

**Table C.3.2: Specification C-3-2 - Barcode Printer**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	Barcode Printer	GC4201	Zebra GC4201 Desktop Barcode Printer	1 year	1	(b)(4)	
1.2		N/A	USB printer cable, 3 meters		1		
1.3	Barcode Labels	N/A	Thermal Transfer Tags, Dimensions: 1.5" x 0.5"/ Gap: 0.125"/ Corner Radius: 0.125"/ Corner Width: 1.625"/ Core Diameter: 1"/ Wind: Face Out/ Outer Diameter: 4"/ Perforations: No/ Labels per Roll: 2,480/ Service Temperature: from -196 °C to 80 °C		2		
1.4	Barcode Ribbon	N/A	Thermal Transfer Resin Ribbon, Ribbon Material: Resin/ Color: Black/ Width: 2.50"/ Length: 244"/Core Size: 0.5"		1		
						<b>GRAND TOTAL:</b>	<b>\$ 774.00</b>

**Table C.3.3: Specification C-3-3 - Barcode Scanner**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	Barcode Scanner	LS2208-USBKit	LS2208 USB Kit, White with USB Cable and Quick Start Guide (P/Ns if buy separately: LS2208-SR20007R, CBA-K01-S07PAR)	1 year	1	(b)(4)	
1.2		N/A	USB extension cable (female->male) , 5 meters		1		
						<b>GRAND TOTAL:</b>	<b>\$ 210.00</b>

**Table C.3.4: Specification C-3-4 - Personal Printer**

Item #	Bundle	P/N	Description	Warranty	Qty	Price	Total
1.1	Printer	CE651A	HP LaserJet Pro P1102 (A4, 1200dpi, 18ppm, 2Mb, 1tray 150, USB)		1	(b)(4)	
1.2		CE6518A	HP USB Cable, A to B, 2 meters		1		
1.3	Consumables	CE285A	HP LaserJet CE285A Black Print Cartridge for HP LaserJet Pro P1102 printer		1		
1.4		N/A	A4 Paper, 500 pages		3		
						<b>GRAND TOTAL:</b>	<b>\$ 233.00</b>





(b)(4)



Cooperative Biological Engagement Program (CBEP)

## **Pathogen Asset Control System (PACS) Site Specific Design for**

(b)(3):10 USC 130c

SSD (b)(3):10 USC 130c 001

**Revision # 0.1**

Prepared by: Black & Veatch

### PACS Site Specific Design for

(b)(3):10 USC 130c

This document contains site specific design information required for the following site deployment:

(b)(3):10 USC 130c

Actual for: 2022/03/28

Confirmed by:	_____	(Black & Veatch)	<u>2022/03/28</u>
	_____	(b)(3):10 USC 130c	<u>2022/03/28</u>
	_____	Director Representative	<u>2022/03/28</u>

## Introduction

This document provides details of Site Specific Design (SSD) for the Pathogen Access Control System (PACS) at (b)(3):10 USC 130c and Deployment Guide provide required information for PACS deployment at (b)(3):10 USC 130c

## Referenced Documents

PACS (b)(3):10 USC 130c Specification

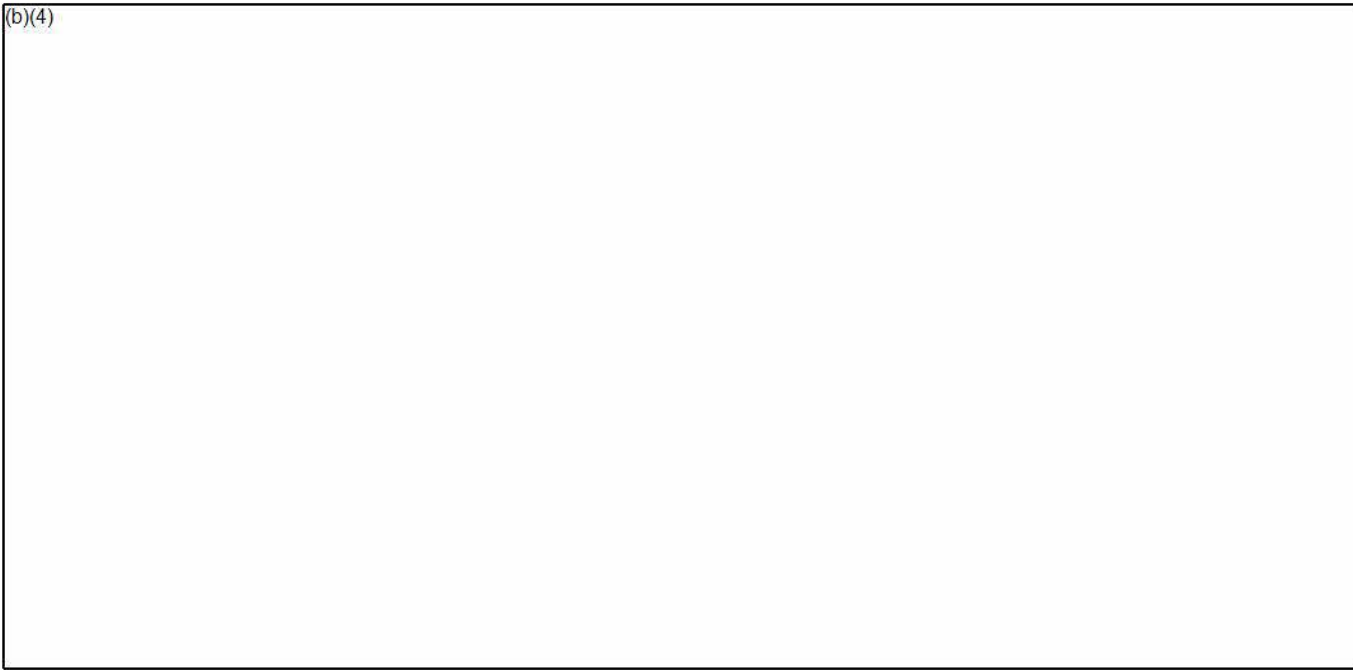
## Revision History

Revision	Issue Date	SCR	Comments
0.1	2017/02/13	N/A	Initial Document

## Definitions, Acronyms, Abbreviations

Definition	Value
CBEP	Cooperative Biological Engagement Program
PACS	Pathogen Asset Control System
DHCP	Dynamic Host Configuration Protocol
DNS	Domain Name Service
IP	Internet Protocol
SSD	Site Specific Design
UPS	Uninterruptible Power Source

(b)(4)



## Physical Conditions

Information shown in following table is collected during Site Survey. This Survey (observation) may not be full, and cannot be considered as a part of specialized assessment.

Subcontractor shall assure that issues listed in following table are resolved prior to equipment installation.

#	Location	Description	Possible impact	Required activities	Photo

## Structured Cabling System and Equipment Placement

Subcontractor shall prepare and coordinate Structured Cabling System and Equipment placement plans with in-country Black & Veatch representative.

### Equipment Placement Plan

(b)(4)



(b)(4)

(b)(4)



(b)(4)

(b)(4)

(b)(4)

<b>ORDER FOR SUPPLIES OR SERVICES</b>										PAGE 1 OF 22	
1. CONTRACT PURCH ORDER AGREEMENT NO HDTRA 1-08-D-0007		2. DELIVERY ORDER CALL NO 000907		3. DATE OF ORDER CALL (YYYYMMDD) 2016 Jul 26		4. REQ. PURCH. REQUEST NO. HDTRA 62033		5. PRIORITY			
6. ISSUED BY DEFENSE THREAT REDUCTION AGENCY/AL-ACO 8725 JOHN J. KINGMAN RD FT BELVOIR, VA 22060-6201				7. ADMINISTERED BY (if other than 6) CODE <b>SEE ITEM 6</b>		8. DELIVERY JOB <input checked="" type="checkbox"/> DESTINATION <input type="checkbox"/> OTHER  (See Schedule if other)					
9. CONTRACTOR CODE 03JT9  NAME AND ADDRESS (b)(6)				FACILITY		10. DELIVER TO TO POINT BY (DDCC) (YYYYMMDD) <b>SEE SCHEDULE C</b>		11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED			
						12. DISCOUNT TERMS		13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15			
14. SHIP TO CODE HDTRA1 DEFENSE THREAT REDUCTION AGENCY/AL-ACO (b)(6) 8725 JOHN J. KINGMAN RD FT BELVOIR VA 22060-6201				15. PAYMENT WILL BE MADE BY CODE HQ0339 DFAS COLUMBUS CENTER DFAS-CO/WEST ENTITLEMENT OPERATIONS P.O. BOX 182381 COLUMBUS OH 43218-2381		MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.					
16. TYPE OF ORDER	DELIVERY CALL	<input checked="" type="checkbox"/>	This delivery order call is issued on another Government agency's in accordance with and subject to terms and conditions of a duly numbered contract.								
	PURCHASE	<input type="checkbox"/>	Reference your quote dated _____ Furnish the following on terms specified herein REF. _____								
ACCEPTANCE: THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH AND AGREES TO PERFORM THE SAME.											
NAME OF CONTRACTOR			SIGNATURE			TYPED NAME AND TITLE			DATE SIGNED (YYYYMMDD)		
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies: _____											
17. ACCOUNTING AND APPROPRIATION DATA/LOCAL USE  <b>See Schedule</b>											
18. ITEM NO.	19. SCHEDULE OF SUPPLIES/ SERVICES				20. QUANTITY ORDERED/ ACCEPTED*	21. UNIT	22. UNIT PRICE	23. AMOUNT			
<b>SEE SCHEDULE</b>											
* If quantities accepted by the Government is same as quantities ordered, indicate by "X". If different, enter actual quantities accepted below quantities ordered and enter by (b)(6)					(b)(6)		25. TOTAL		\$19,467,302.45		
					(b)(6)		26. DIFFERENCES				
27a. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED											
b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE					c. DATE (YYYYMMDD)		d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE				
e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE					28. SHIP NO.		29. DO VOUCHER NO.		30. INITIALS		
f. TELEPHONE NUMBER			g. E-MAIL ADDRESS			<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32. PAID BY		33. AMOUNT VERIFIED CORRECT FOR	
36. I certify this account is correct and proper for payment.											
a. DATE (YYYYMMDD)		b. SIGNATURE AND TITLE OF CERTIFYING OFFICER									
					<input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		34. CHECK NUMBER		35. BILL OF LADING NO.		
37. RECEIVED AT		38. RECEIVED BY		39. DATE RECEIVED (YYYYMMDD)		40. TOTAL CONTAINERS		41. SR ACCOUNT NO.		42. SR VOUCHER NO.	

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	Labor CPFF EIDSS/PACS Implementation Support IAW SOW dated 27 May 16 v 9.9 FOB: Destination PURCHASE REQUEST NUMBER: HDTRA1620313 R799	1	Each		(b)(4)
				ESTIMATED COST	
				FIXED FEE	
				TOTAL EST COST + FEE	\$6,651,793.73
	ACRN AA CIN: HDTRA16203130001				(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000101	Funding for CLIN 0001 CPFF Expansion work (Mod 01) FY17 funds good through 30 Sep 19.				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AB CIN: HDTRA16203130005				(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000102	Funding for CLIN 0001 CPFF Expansion work (Mod 01) FY18 funds good through 30 Sep 20.				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AC CIN: HDTRA16203130011				(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000103	Funding for CLIN 0001 CPFF FY19 funds good through 30 Sep 21.				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AD CIN: HDTRA19315350001				(b)(4)
0002	Travel COST FOB: Destination R799	1	Each		(b)(4)
				ESTIMATED COST	(b)(4)
000201	Funding for CLIN 0002 COST Expansion work (Mod 01) FY17 funds good through 30 Sep 19.				\$0.00
				ESTIMATED COST	(b)(4)
	ACRN AB CIN: HDTRA16203130006				(b)(4)



ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000202	Funding for CLIN 0002 COST FY19 funds good through 30 Sep 21.				\$0.00
	ACRN AD CIN: HDTRA19315350002			ESTIMATED COST	(b)(4)
000203	Funding for CLIN 0002 COST FY18 funds good through 30 Sep 20.				\$0.00
	ACRN AC CIN: HDTRA16203130009			ESTIMATED COST	(b)(4)
0003	Equipment & Materials CPFF FOB: Destination R799	1	Each		(b)(4)
				ESTIMATED COST FIXED FEE	
	ACRN AA CIN: HDTRA16203130003			TOTAL EST COST + FEE	\$8,001,929.14
					(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000301	Funding for CLIN 0003 CPFF Expansion work (Mod 01) FY17 funds good through 30 Sep 19.				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AB CIN: HDTRA16203130007				(b)(4)
000302	Funding for CLIN 0003 CPFF Expansion work (Mod 01) FY18 funds good through 30 Sep 20.				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AC CIN: HDTRA16203130010				(b)(4)
000303	Funding for CLIN 0003 CPFF FY19 funds good through 30 Sep 21.				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AD CIN: HDTRA19315350003				(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004	Other Direct Costs (ODCs) CPFF FOB: Destination R799	1	Each		(b)(4)
				ESTIMATED COST	
				FIXED FEE	
				TOTAL EST COST + FEE	\$3,761,532.05
	ACRN AA CIN: HDTRA16203130004				(b)(4)
ITEM NO 000401	Funding for CLIN 0004 CPFF Expansion work (Mod 01) FY17 funds good through 30 Sep 19.				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AB CIN: HDTRA162031300060				(b)(4)
ITEM NO 000402	Funding for CLIN 0004 CPFF FY19 funds good through 30 Sep 21.				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AD CIN: HDTRA19315350004				(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000403	Funding for CLIN 0004 CPFF FY18 funds good through 30 Sep 20.				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AC CIN: HDTRA16203130012				(b)(4)

Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	N/A	N/A	N/A	Government
000101	N/A	N/A	N/A	N/A
000102	N/A	N/A	N/A	N/A
000103	N/A	N/A	N/A	N/A
0002	N/A	N/A	N/A	Government
000201	N/A	N/A	N/A	N/A
000202	N/A	N/A	N/A	N/A
000203	N/A	N/A	N/A	N/A
0003	N/A	N/A	N/A	Government
000301	N/A	N/A	N/A	N/A
000302	N/A	N/A	N/A	N/A
000303	N/A	N/A	N/A	N/A
0004	N/A	N/A	N/A	Government
000401	N/A	N/A	N/A	N/A
000402	N/A	N/A	N/A	N/A
000403	N/A	N/A	N/A	N/A

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC / CAGE
0001	POP 26-JUL-2016 TO 30-SEP-2019	N/A	DEFENSE THREAT REDUCTION AGENCY/PI-CTB (b)(6) 8725 JOHN J. KINGMAN RD FT BELVOIR VA 22060-6201 (b)(6) FOB: Destination	HDTRA1
000101	N/A	N/A	N/A	N/A
000102	N/A	N/A	N/A	N/A
000103	N/A	N/A	N/A	N/A
0002	POP 26-JUL-2016 TO 30-SEP-2019	N/A	DEFENSE THREAT REDUCTION AGENCY/PI-CTB (b)(6) 8725 JOHN J. KINGMAN RD FT BELVOIR VA 22060-6201 (b)(6) FOB: Destination	HDTRA1
000201	N/A	N/A	N/A	N/A
000202	N/A	N/A	N/A	N/A
000203	N/A	N/A	N/A	N/A
0003	POP 26-JUL-2016 TO 30-SEP-2019	N/A	DEFENSE THREAT REDUCTION AGENCY/PI-CTB (b)(6) 8725 JOHN J. KINGMAN RD FT BELVOIR VA 22060-6201 (b)(6) FOB: Destination	HDTRA1
000301	N/A	N/A	N/A	N/A
000302	N/A	N/A	N/A	N/A
000303	N/A	N/A	N/A	N/A

0004 POP 26-JUL-2016 TO  
30-SEP-2019 N/A

DEFENSE THREAT REDUCTION  
AGENCY/PI-CIB

HDTRA1

(b)(6)

8725 JOHN J. KINGMAN RD  
FT BELVOIR VA 22060-6201



(b)(6)

FOB: Destination

000401 N/A

N/A

N/A

N/A

000402 N/A

N/A

N/A

N/A

000403 N/A

N/A

N/A

N/A

Section G - Contract Administration Data

**ACCOUNTING AND APPROPRIATION DATA**

AA: 044315 097 0134 000 N 20162018 D 34HQ 0901515BR\_KD\_BP\_OT 1618\_0134\_34HQ\_PRICT DTRA 25  
 AMOUNT: (b)(4)

AB: 044315 097 0134 000 N 20172019 D 34HQ 0901515BR\_KD\_BP2\_OT 1719\_0134\_34HQ\_PRICT DTRA 257  
 AMOUNT: (b)(4)

AC: 044315 097 0134 000 N 20182020 D 34HQ 0901515BR\_KD\_BP\_OT 181820\_0134\_34HQ\_PRICT DTRA 257  
 AMOUNT: (b)(4)

AD: 044315 097 0134 000 N 20192021 D 3400 0901515BR\_KD\_BP\_TB\_191921\_0134\_3400\_PRICT DTRA 257  
 AMOUNT: (b)(4)

ACRN	CLIN/SLIN	CIN	AMOUNT
------	-----------	-----	--------

AA	0001	HDTRA16203130001	(b)(4)
	0002	HDTRA16203130002	
	0003	HDTRA16203130003	
	0004	HDTRA16203130004	
AB	000101	HDTRA16203130005	
	000201	HDTRA16203130006	
	000301	HDTRA16203130007	
AC	000401	HDTRA162031300060	
	000102	HDTRA16203130011	
	000203	HDTRA16203130009	
	000302	HDTRA16203130010	
AD	000403	HDTRA16203130012	
	000103	HDTRA19315350001	
	000202	HDTRA19315350002	
	000303	HDTRA19315350003	
	000402	HDTRA19315350004	



Section II - Special Contract Requirements

ADDITIONAL PAYMENT INSTRUCTION

The payment office shall not make payment using ACRN AA for any invoices submitted for work performed after September 30, 2018.

## Section I - Contract Clauses

## CLAUSES INCORPORATED BY REFERENCE

52.217-9	Option To Extend The Term Of The Contract	MAR 2000
52.228-3	Worker's Compensation Insurance (Defense Base Act)	JUL 2014
52.232-22	Limitation Of Funds	APR 1984
252.201-7000	Contracting Officer's Representative	DEC 1991
252.225-7043	Antiterrorism/Force Protection Policy for Defense Contractors Outside the United States	JUN 2015
252.232-7003	Electronic Submission of Payment Requests and Receiving Reports	DEC 2018

## CLAUSES INCORPORATED BY FULL TEXT

## 52.244-2 SUBCONTRACTS (OCT 2010)

(a) Definitions. As used in this clause--

Approved purchasing system means a Contractor's purchasing system that has been reviewed and approved in accordance with Part 44 of the Federal Acquisition Regulation (FAR).

Consent to subcontract means the Contracting Officer's written consent for the Contractor to enter into a particular subcontract.

Subcontract means any contract, as defined in FAR Subpart 2.1, entered into by a subcontractor to furnish supplies or services for performance of the prime contract or a subcontract. It includes, but is not limited to, purchase orders, and changes and modifications to purchase orders.

(b) When this clause is included in a fixed-price type contract, consent to subcontract is required only on unpriced contract actions (including unpriced modifications or unpriced delivery orders), and only if required in accordance with paragraph (c) or (d) of this clause.

(c) If the Contractor does not have an approved purchasing system, consent to subcontract is required for any subcontract that—

(1) Is of the cost-reimbursement, time-and-materials, or labor-hour type; or

(2) Is fixed-price and exceeds—

(i) For a contract awarded by the Department of Defense, the Coast Guard, or the National Aeronautics and Space Administration, the greater of the simplified acquisition threshold or 5 percent of the total estimated cost of the contract; or

(ii) For a contract awarded by a civilian agency other than the Coast Guard and the National Aeronautics and Space Administration, either the simplified acquisition threshold or 5 percent of the total estimated cost of the contract.

(d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer's written consent before placing the following subcontracts:

None

(e)(1) The Contractor shall notify the Contracting Officer reasonably in advance of placing any subcontract or modification thereof for which consent is required under paragraph (b), (c), or (d) of this clause, including the following information:

(i) A description of the supplies or services to be subcontracted.

(ii) Identification of the type of subcontract to be used.

(iii) Identification of the proposed subcontractor.

(iv) The proposed subcontract price.

(v) The subcontractor's current, complete, and accurate certified cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions.

(vi) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract.

(vii) A negotiation memorandum reflecting—

(A) The principal elements of the subcontract price negotiations;

(B) The most significant considerations controlling establishment of initial or revised prices;

(C) The reason certified cost or pricing data were or were not required;

(D) The extent, if any, to which the Contractor did not rely on the subcontractor's certified cost or pricing data in determining the price objective and in negotiating the final price;

(E) The extent to which it was recognized in the negotiation that the subcontractor's certified cost or pricing data were not accurate, complete, or current; the action taken by the Contractor and the subcontractor; and the effect of any such defective data on the total price negotiated;

(F) The reasons for any significant difference between the Contractor's price objective and the price negotiated; and

(G) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(2) The Contractor is not required to notify the Contracting Officer in advance of entering into any subcontract for which consent is not required under paragraph (c), (d), or (e) of this clause.

(f) Unless the consent or approval specifically provides otherwise, neither consent by the Contracting Officer to any subcontract nor approval of the Contractor's purchasing system shall constitute a determination

(1) Of the acceptability of any subcontract terms or conditions;

(2) Of the allowability of any cost under this contract; or

(3) To relieve the Contractor of any responsibility for performing this contract.

(g) No subcontract or modification thereof placed under this contract shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement type subcontracts shall not exceed the fee limitations in FAR 15.404-4(c)(4)(i).

(h) The Contractor shall give the Contracting Officer immediate written notice of any action or suit filed and prompt notice of any claim made against the Contractor by any subcontractor or vendor that, in the opinion of the Contractor, may result in litigation related in any way to this contract, with respect to which the Contractor may be entitled to reimbursement from the Government.

(i) The Government reserves the right to review the Contractor's purchasing system as set forth in FAR Subpart 44.3.

(j) Paragraphs (c) and (e) of this clause do not apply to the following subcontracts, which were evaluated during negotiations:

\_\_\_\_\_  
\_\_\_\_\_

(End of clause)

252.201-9001 CONTRACTING OFFICE POINT OF CONTACT (POC) (Dec 2007)  
The POC in the Procuring Contracting Office for this contract action is (b)(6) Contract Specialist, DTRA-AL/ACC, telephone number (b)(6) email address (b)(6)

252.203-9000 Prohibition on the Use of Senior Mentors (JUNE 2010)

(a) The use of senior mentors by the Defense Threat Reduction Agency (DTRA) enhances the readiness of the Agency across a wide range of strategic, operational, joint, functional, technical, management and development mission areas. The relevant prior service, joint force experience, and unique expertise of these senior consultants provide senior leadership with valuable insights and contribute to the continuous improvement of the Agencies' operations.

(b) For the purposes of this clause, Senior Mentor is defined as a retired flag, general or other military officers (O-6) or retired senior civilian official (Senior Executive Service (SES), Senior Level (SL), Scientific and Professional (ST)) who provides expert experience-based mentoring, teaching, training, advice, and recommendations to senior military officers, staffs and students as they participate in war games, warfighting courses, operational planning, operational exercises, and decision-making exercises.

(c) In accordance with Secretary of Defense Memorandum entitled "Policy on Senior Mentors" dated April 1, 2010, DTRA will hire all senior mentors as highly qualified experts (HQE) under 5 U.S.C. 9903. This policy balances the need for DTRA to secure the specialized knowledge required for these operational exercises with the need to hire such experts in a manner that promotes public trust and confidence.

(d) The Contractor shall not include the use of senior mentors in bids or proposals for services/supplies offered to DTRA.

(e) The Contractor shall include the substance of this clause in all subcontracts.

(End of Clause)

## 252.204-0004 LINE ITEM SPECIFIC: BY FISCAL YEAR. (SEP 2009)

The payment office shall make payment using the oldest fiscal year appropriations first, exhausting all funds in the previous fiscal year before disbursing from the next fiscal year. In the event there is more than one ACRN associated with the same fiscal year, the payment amount shall be disbursed from each ACRN within a fiscal year in the same proportion as the amount of funding obligated for each ACRN within the fiscal year.

(End of clause)

## 252.209-9003 NON-GOVERNMENT SUPPORT PERSONNEL (APR 2011)

Select DTRA-employed support contractors may have access to contractor information, technical data or computer software that may be marked as proprietary or otherwise marked with restrictive legends. Each DTRA support contractor performs under a contract that contains organizational conflict of interest provisions and/or includes contractual requirements for nondisclosure of proprietary contractor information or data/software marked with restrictive legends. These contractors require access while providing DTRA such support as advisory and assistance services, contract specialist support, and support of the Defense Threat Reduction Information Analysis Center (DTRIAC). The contractor, by submitting a proposal or entering into this contract, is deemed to have consented to the disclosure of its information to DTRA's support contractors.

The following are, at present, the prime contractors anticipated to access such documentation: Booz Allen Hamilton and All Native Managed Services. This list is not all inclusive (e.g., subcontractors) and is subject to change.

## 252.215-9004 KEY PERSONNEL (AUG 2012)

The personnel listed below are considered essential to the work being performed hereunder. Prior to removing, replacing, or diverting any of the specified individuals, the Contractor shall notify the Contracting Officer reasonably in advance and shall submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this Contract. No deviation shall be made by the Contractor without the prior written consent of the Contracting Officer; provided, that the Contracting Officer authorizes in writing the change, such authorization shall constitute the consent of the Contracting Officer required by this paragraph. The personnel listed below may, with the consent of the contracting parties, be amended from time to time during the course of the Contract to either add or delete personnel as appropriate.

[To be determined by the Government on review of Technical/Management Proposals]

(b)(6)



**252.216-9005 PROFIT OR FEE ON TRAVEL COSTS (JUL 2008)**

Travel shall not be a profit or fee bearing cost element.

(End of clause)

**252.232-9012 - Invoicing, Receipt, Acceptance, and Property Transfer (iRAPT) formally (WAWF) – RECEIPT AND ACCEPTANCE (RA) INSTRUCTIONS (OCT 2015)**

(a) As prescribed in DFARS clause 252.232-7003 Electronic Submission of Payment Requests (Jun 2012), Contractors must submit payment requests in electronic form. Paper copies will no longer be accepted or processed for payment unless the conditions of DFARS clause 252.232-7003(c) apply. To facilitate this electronic submission, the Defense Threat Reduction Agency (DTRA) has implemented the DoD sanctioned Invoicing, Receipt, Acceptance, and Property Transfer (iRAPT) for contractors to submit electronic payment requests and receiving reports. The contractor shall submit electronic payment requests and receiving reports via (iRAPT). **Vendors shall send an email notification to the Contracting Officer Representative (COR), Program/Project Manager or other government acceptance official identified in the contract by clicking on the Send Additional Email Notifications link upon every submission of an invoice/cost voucher in iRAPT. To access (iRAPT), go to <https://wawf.cb.mil>.**

**For questions, contact the DTRA iRAPT Team at [dtra.belvoir.J4-8C.mbx.dtra-wawf-help@mail.mil](mailto:dtra.belvoir.J4-8C.mbx.dtra-wawf-help@mail.mil).**

(b) Definitions:

**Acceptor:** Contracting Officer's Representative, Program/Project Manager, or other government acceptance official as identified in the contract/order.

**Pay Official:** Defense Finance and Accounting Service (DFAS) payment office identified in the contract/order.

**SHIP To/Service Acceptor DoDAAC:** Acceptor DoDAAC or DCMA DoDAAC (as specified in the contract/order).

**DCAA Auditor DoDAAC:** Needed when invoicing on cost-reimbursable contracts. (Go to [www.dcaa.mil](http://www.dcaa.mil) and click on the appropriate link under Locator to search for your DCAA DoDAAC.)

>>>>> For contracts that are administered by the Office of Naval Research (ONR): <<<<<<<  
Enter the ONR DoDAAC in the DCAA Auditor and Service Approver DoDAAC field in iRAPT.

(c) iRAPT Contractor Input Information:

The contractor shall use the following information in creating electronic payment requests in (iRAPT):

Invoice Type in iRAPT:

If billing for Cost Type/Reimbursable contracts (including T&M and LH), select “Cost Voucher”

If billing for Firm-Fixed Price (FFP) Materials Only, select “Combo”

If billing for FFP Materials and Service, select “Combo”

If billing for FFP Services Only, select “2-n-1 (Services Only)”

If the contract contains both FFP and Cost Type (including T&M and LH) line items, they must be invoiced separately on appropriate types mentioned above. Upon the written approval of the Project Manager or Contracting Officer’s Representative, the contractor may invoice both line items in one type of invoice.

**For iRAPT Routing Information, See Table Below:**

Description	SF 26	SF 33	SF 1449	DD 1155
	Located in Block/Section			
Contract Number	2	2	2	1
Delivery Order	See Individual Order		4	2
CAGE Code	7	15a	17a	9
Pay DoDAAC	12	25	18a	15
Inspection	Section E (except SF 1449, See Entitled): INSPECTION AND ACCEPTANCE			
Acceptance	Section E (except SF 1449, See Entitled): INSPECTION AND ACCEPTANCE			
Issue Date	3	5	3	3
Issue By DoDAAC	5	7	9	6
Admin DoDAAC	6	24	16	7
Ship To / Service Acceptor DoDAAC	6	24	16	7
Ship to Extension	Do Not Fill In			
Services or Supplies	Based on majority of requirement as determined by monetary value			
Final Invoice?	Do not change “N” (no) to “Y” (yes) unless this is the last invoice and the contract is ready for closeout.			

**(d) Final Invoices/Vouchers -Final Payment** shall be made in accordance with the Federal Acquisition Regulation (FAR) 52.216-7, entitled “Allowable Cost and Payment.”

**Invoices** - Invoice 2-n-1 (Services Only) and Invoice and Receiving Report (Combo)  
Select the “Y” selection from the “**Final Invoice?**” drop-down box when submitting the final invoice for payment for a contract. Upon successful submission of the final invoice, click on the **Send Additional Email Notifications** link to send an additional email notification to the

Contracting Officer Representative (COR), Program/Project Manager or other government acceptance official identified in the contract.

**Final Cost Vouchers - Once the final DCAA audit is complete for cost reimbursable contracts and authorization from DCAA is received, submit the final cost voucher to [dtra.belvoir.J4-8C.mbx.closeouts@mail.mil](mailto:dtra.belvoir.J4-8C.mbx.closeouts@mail.mil).**

**\*\*DO NOT SUBMIT FINAL VOUCHERS (ENDING IN "Z") VIA iRAPT, submit only to the e-mail listed above.**

(e) WAWF e-Business Suite Training may be accessed online at <https://wawftraining.eb.mil/wbt/>. To practice creating documents in iRAPT, visit the practice site at <https://wawftraining.cb.mil>. General DFAS information may be accessed using the DFAS website at <http://www.dfas.mil/>. Payment status information may be accessed using the myInvoice system at <https://wawf.eb.mil>. Your contract number and shipment/invoice number will be required to check status of your payment.

**Note:** [For specific invoice related inquiries, email: dtra.belvoir.j4-8c.mbx.vendor-pay@mail.mil](mailto:dtra.belvoir.j4-8c.mbx.vendor-pay@mail.mil). Vendors shall forward any additional DTRA related iRAPT questions to [dtra.belvoir.J4-8C.mbx.dtra-wawf-help@mail.mil](mailto:dtra.belvoir.J4-8C.mbx.dtra-wawf-help@mail.mil).

(f) DCMA Administered Contract exceptions are as follows:

**For iRAPT Routing Information, See Table Below:**

Description	SF 26	SF 33	SF 1449	DD 1155
	Located in Block/Section			
Ship To / Service Acceptor DoDAAC	5	24	16	6

**Final Cost Vouchers - Once the final DCAA audit is complete for cost reimbursable contracts and authorization from DCAA is received, submit the final cost voucher to the DCMA Office identified on the contract.**

**Note2:** For specific invoice related inquiries, please contact the DCMA office identified on the contract. Vendors shall forward any additional DTRA related iRAPT questions to [dtra.belvoir.J4-8C.mbx.dtra-wawf-help@mail.mil](mailto:dtra.belvoir.J4-8C.mbx.dtra-wawf-help@mail.mil)

*End of clause*



(a) The price/costs in Section B of the contract include federal holiday observances; accordingly, the Government will not be billed for such holidays, except when services are required by the Government and are actually performed on the federal holiday.

(b) The following days are contract holidays:

New Year's Day	01 January
Martin Luther King's Birthday	Third Monday in January
President's day	Third Monday in February
Memorial Day	Last Monday in May
Independence Day	04 July
Labor Day	First Monday in September
Columbus Day	Second Monday in October
Veteran's Day	11 November
Thanksgiving Day	Fourth Thursday in November
Christmas Day	25 December

(c) If a federal holiday listed above falls on a Saturday or Sunday, the official observance of the holiday will be on the previous Friday or the following Monday.

(End of Clause)

#### **252.237-9001 - Enterprise-wide Contractor Manpower Reporting Application (APR 2013)**

(a) In accordance with Section 2330a of title 10, United States Code (10 USC 2330a), Contractors shall report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract via a secure data collection site. The contractor shall completely fill in all required data fields using the following web address: <http://www.ecmra.mil/>.

(b) Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year, beginning with 2013. Contractors may direct questions to the help desk at: <http://www.ecmra.mil/>.

(End of Clause)

#### **252.247-9000 GOVERNMENT CONTRACTOR TRAVEL (JUL 2007)**

The Joint Travel Regulation (JTR), Appendix E, Part I.A.1.b., states invitational travel applies to individuals acting in a capacity that is related directly to, or in connection with, official DOD activities; however, this does not include a contractor's employee traveling in the performance of the contract. Appendix E, Part I.B.4. RESTRICTIONS, further states invitational travel must

not be authorized for contractors. Appendix E, Part III states neither the JFTR nor the JTR may be used as official contractor travel regulations as they apply to uniformed personnel and Defense Department civilian employees and contain provisions, the use of which is illegal by contractors. The JTR can be viewed at <https://secureapp2.hqda.pentagon.mil/perdiem>

Discounts may be obtained for some travel related services (identified below); however, commercial vendors are under no obligation to extend Government rates for the Government's travel and transportation programs to contractors working on behalf of the Federal Government. Contractors must contact their Contracting Officer Representative (COR) to obtain a Government Contractor Official Travel Letter of Identification, signed by the authorizing Contracting Officer.

Contract City-Pair Air Passenger Transportation Program and Other Government Fares. Use of GSA contract city-pair air passenger fares is governed by GSA's contracts with the airlines and by the Defense Transportation Regulation (DOD 4500.9-R), Part I, Chapter 103. Use of other airfares reserved for Government employees on official business is governed by the airline fare structure and rules. Government contractors are not eligible to participate in the GSA city-pairs program for air passenger transportation services as of October 1, 1998.

Rail Service. Commercial passenger rail vendors may voluntarily offer discount rates to contractors traveling who are on official Government business at the vendor's discretion.

Lodging Programs. GSA and Services' lodging programs may voluntarily offer discount rates to contractors who are on official Government business at the vendor's discretion.

Car Rental Program. Military Surface Deployment and Distribution Command (SDDC) negotiates special rate agreements with car rental companies available to all Government employees and uniformed personnel while traveling on official Government business. Some commercial car rental companies may voluntarily offer similar discount rates to Government contractors at the vendor's discretion.

Section J - List of Documents, Exhibits and Other Attachments

Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Attachment 2	Property Transfer DD1149	10	30-SEP-2019
Attachment 3	Excess Inventory SF 1428 14		30-SEP-2019

<b>ORDER FOR SUPPLIES OR SERVICES</b>										PAGE 1 OF 45		
1. CONTRACT PURCH ORDER AGREEMENT NO HDTRA 118D0003		2. DELIVERY ORDER CALL NO. HDTRA 119F0077P00006		3. DATE OF ORDER CALL (YYYYMMDD) 2019 Aug 01		4. REQ. PURCH. REQUEST NO. HDTRA 931826		5. PRIORITY				
6. ISSUED BY DEFENSE THREAT REDUCTION AGENCY/AL-ACC 8725 JOHN J. KINGMAN RD FT BELVOIR VA 22060-6201				7. ADMINISTERED BY (if other than 6) CODE <b>SEE ITEM 6</b>		8. DELIVERY FOB <input checked="" type="checkbox"/> DESTINATION <input type="checkbox"/> OTHER  (See Schedule if other)						
9. CONTRACTOR CODE 03JT9 <b>BLACK &amp; VEATCH SPECIAL PROJECTS CORP.</b> NAME (b)(6) AND 8800 W 115TH STREET SUITE 2200 ADDRESS OVERLAND PARK KS 66211-2420				FACILITY		10. DELIVER TO FOB POINT BY (Date) (YYYYMMDD) <b>SEE SCHEDULE</b>		11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED				
14. SHIP TO CODE HDTRA1 <b>DEFENSE THREAT REDUCTION AGENCY/PICIT</b> (b)(6) 8725 JOHN J. KINGMAN RD FT BELVOIR VA 22060-6201				15. PAYMENT WILL BE MADE BY CODE HQ0647 <b>DFAS INDIANAPOLIS</b> 3899 EAST 56TH STREET ATTN: DFAS-IN (VENDOR PAY) INDIANAPOLIS IN 46248-1325		13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15					MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.	
16. TYPE OF ORDER	DELIVERY CALL	<input checked="" type="checkbox"/>	This delivery order call is issued on another Government agency's in accordance with and subject to terms and conditions of a duly numbered contract.									
	PURCHASE		Reference your quote dated _____ Furnish the following on terms specified herein REF. _____									
ACCEPTANCE: THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.												
NAME OF CONTRACTOR			SIGNATURE			TYPED NAME AND TITLE			DATE SIGNED (YYYYMMDD)			
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies: _____												
17. ACCOUNTING AND APPROPRIATION DATA/LOCAL USE  <b>See Schedule</b>												
18. ITEM NO.	19. SCHEDULE OF SUPPLIES/ SERVICES				20. QUANTITY ORDERED/ ACCEPTED*	21. UNIT	22. UNIT PRICE		23. AMOUNT			
	<b>SEE SCHEDULE</b>											
* If quantities accepted by the Government is same as quantities ordered, indicate by X. If different, indicate actual quantities accepted below quantities ordered and encircle.					(b)(6)	(b)(6)	25. TOTAL		\$11,289,442.00			
					(b)(6)		26. DIFFERENCES					
27a. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED												
b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE						c. DATE (YYYYMMDD)	d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE					
e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE						28. SHIP NO.	29. DO VOUCHER NO.	30. INITIALS				
f. TELEPHONE NUMBER		g. E-MAIL ADDRESS				<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	32. PAID BY	33. AMOUNT VERIFIED CORRECT FOR				
36. I certify this account is correct and proper for payment.												
a. DATE (YYYYMMDD)	b. SIGNATURE AND TITLE OF CERTIFYING OFFICER											
						<input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		34. CHECK NUMBER				
								35. BILL OF LADING NO.				
37. RECEIVED AT		38. RECEIVED BY		39. DATE RECEIVED (YYYYMMDD)		40. TOTAL CONTAINERS	41. SR ACCOUNT NO.		42. SR VOUCHER NO.			

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	Labor - Base CPF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination PURCHASE REQUEST NUMBER: HDTRA1931826 R799	1	Lot		(b)(4)
				ESTIMATED COST	
				FIXED FEE	
				TOTAL EST COST + FEE	\$4,344,628.00
000101	Funding for CLIN 0001 CPF BTRP FY19				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AA CIN: HDTRA19318260001				(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	Travel - Base COST The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST	
000201	Funding for CLIN 0002 COST BTRP FY19				\$0.00
				ESTIMATED COST	\$0.00
	ACRN AA CIN: HDTRA19318260002				(b)(4)
0003	Equipment and Materials - Base CPEF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	\$1,270,129.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000301	Funding for CLIN 0003 CPFF BTRP FY19				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				<u>TOTAL EST COST + FEE</u>	\$0.00
	ACRN AA CIN: HDTRA19318260003				(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004	Other Direct Costs - Base CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST	
				FIXED FEE	
				<u>TOTAL EST COST + FEE</u>	\$1,856,864.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000401	Funding for CLIN 0004 CPFF BTRP FY19				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				<u>TOTAL EST COST + FEE</u>	\$0.00
	ACRN AA CIN: HDTRA19318260004				(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005 OPTION	Labor - EIDSS 1 CPF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	\$192,761.00
0006 OPTION	Travel - EIDSS 1 COST The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST	
0007 OPTION	Equipment and Materials - EIDSS 1 CPF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	\$93,119.00



ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0008 OPTION	Other Direct Costs - EIDSS 1 CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	\$184,855.00
0009 OPTION	Labor - EIDSS 2 CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	\$192,761.00
0010 OPTION	Travel - EIDSS 2 COST The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST	

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0011 OPTION	Equipment and Materials - EIDSS 2 CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	\$93,119.00
0012 OPTION	Other Direct Costs - EIDSS 2 CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	\$184,855.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0013 OPTION	Labor - EIDSS 3 CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	\$192,761.00
0014 OPTION	Travel - EIDSS 3 COST The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST	
0015 OPTION	Equipment and Materials - EIDSS 3 CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	\$93,119.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0016 OPTION	Other Direct Costs - EIDSS 3 CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	\$184,855.00
1001 EXERCISED OPTION	Labor - Option Period 1 CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	\$1,933,419.00
	ACRN AB CIN: HDTRA11383700001				(b)(4)
100101	Funding for CLIN 1001 CPFF				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AB				\$0.00

CIN: HDTRA11383700001

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1002 EXERCISED OPTION	Travel - Option Period 1 COST The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799  ACRN AB CIN: HDTRA11383700002	1	Lot	ESTIMATED COST	(b)(4)
1003 EXERCISED OPTION	Equipment and Materials- Option Period 1 CPF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799  ACRN AB CIN: HDTRA11383700003	1	Lot	ESTIMATED COST FIXED FEE  TOTAL EST COST + FEE	(b)(4)  \$644,789.00  (b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100301	Funding for CLIN 1003 CPFF				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AB CIN: HDTRA11383700003				\$0.00
1004 EXERCISED OPTION	Other Direct Costs - Option Period 1 CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST	(b)(4)
				FIXED FEE	
				TOTAL EST COST + FEE	\$793,731.00
	ACRN AB CIN: HDTRA11383700004				(b)(4)
100401	Funding for CLIN 1004 CPFF				\$0.00
				ESTIMATED COST	\$0.00
				FIXED FEE	\$0.00
				TOTAL EST COST + FEE	\$0.00
	ACRN AB CIN: HDTRA11383700004				\$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2001 OPTION	Labor - Option Period 2 CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	\$1,499,117.00
2002 OPTION	Travel - Option Period 2 COST The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST	
2003 OPTION	Equipment and Materials- Option Period 2 CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	\$305,851.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2004 OPTION	Other Direct Costs - Option Period 2 CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST	
				FIXED FEE	
				TOTAL EST COST + FEE	\$623,334.00
3001 OPTION	Labor - Option Period 3 CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST	
				FIXED FEE	
				TOTAL EST COST + FEE	\$1,499,117.00



ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3002 OPTION	Travel - Option Period 3 COST The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST	
3003 OPTION	Equipment and Materials- Option Period 3 CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	\$305,851.00
3004 OPTION	Other Direct Costs - Option Period 3 CPFF The contractor shall provide support as set forth in Attachment 001, Statement of Work (SOW) entitled "Electronic Integrated Disease Surveillance System (EIDSS) and Pathogen Asset Control System (PACS) Implementation" dated 05 March 2019. The work to be performed under this CLIN is severable. FOB: Destination R799	1	Lot		(b)(4)
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	\$623,334.00

Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS


Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	Destination	Government	Destination	Government
000101	N/A	N/A	N/A	N/A
0002	Destination	Government	Destination	Government
000201	N/A	N/A	N/A	N/A
0003	Destination	Government	Destination	Government
000301	N/A	N/A	N/A	N/A
0004	Destination	Government	Destination	Government
000401	N/A	N/A	N/A	N/A
0005	Destination	Government	Destination	Government
0006	Destination	Government	Destination	Government
0007	Destination	Government	Destination	Government
0008	Destination	Government	Destination	Government
0009	Destination	Government	Destination	Government
0010	Destination	Government	Destination	Government
0011	Destination	Government	Destination	Government
0012	Destination	Government	Destination	Government
0013	Destination	Government	Destination	Government
0014	Destination	Government	Destination	Government
0015	Destination	Government	Destination	Government
0016	Destination	Government	Destination	Government
1001	Destination	Government	Destination	Government
100101	N/A	N/A	N/A	N/A
1002	Destination	Government	Destination	Government
1003	Destination	Government	Destination	Government
100301	N/A	N/A	N/A	N/A
1004	Destination	Government	Destination	Government
100401	N/A	N/A	N/A	N/A
2001	Destination	Government	Destination	Government
2002	Destination	Government	Destination	Government
2003	Destination	Government	Destination	Government
2004	Destination	Government	Destination	Government
3001	Destination	Government	Destination	Government
3002	Destination	Government	Destination	Government
3003	Destination	Government	Destination	Government
3004	Destination	Government	Destination	Government

CLAUSES INCORPORATED BY FULL TEXT

252.201-9000 PROJECT MANAGER (SEP 2013)

The Project Manager for this requirement is:

X (b)(6)  
Defense Threat Reduction Agency/PI-CTB  
8725 John J. Kingman Rd., MS 6201   
Fort Belvoir VA 22060-6201  
Telephone number: (b)(6)  
e-mail address: (b)(6)  
WAWF Acceptor DoDAAC: HAA722

(End of Clause)



252.201-9001 CONTRACTING OFFICE POINT OF CONTACT (POC) (Dec 2007)

The POC in the Procuring Contracting Office for this contract action is (b)(6) Contracting Officer DTRA/A  
ACC, telephone number (b)(6) email address (b)(6)

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC / CAGE
0001	POP 01-AUG-2019 TO 31-JUL-2021	N/A	DEFENSE THREAT REDUCTION AGENCY/PI-CTB (b)(6) 8725 JOHN J. KINGMAN RD FT BELVOIR VA 22060-6201 (b)(6) FOB: Destination	HDTRA1
000101	N/A	N/A	N/A	N/A
0002	POP 01-AUG-2019 TO 31-JUL-2021	N/A	DEFENSE THREAT REDUCTION AGENCY/PI-CTB (b)(6) 8725 JOHN J. KINGMAN RD FT BELVOIR VA 22060-6201 (b)(6) FOB: Destination	HDTRA1
000201	N/A	N/A	N/A	N/A
0003	POP 01-AUG-2019 TO 31-JUL-2021	N/A	DEFENSE THREAT REDUCTION AGENCY/PI-CTB (b)(6) 8725 JOHN J. KINGMAN RD FT BELVOIR VA 22060-6201 (b)(6) FOB: Destination	HDTRA1
000301	N/A	N/A	N/A	N/A
0004	POP 01-AUG-2019 TO 31-JUL-2021	N/A	DEFENSE THREAT REDUCTION AGENCY/PI-CTB (b)(6) 8725 JOHN J. KINGMAN RD FT BELVOIR VA 22060-6201 (b)(6) FOB: Destination	HDTRA1
000401	N/A	N/A	N/A	N/A

0005	12 mths. AOE	1	<div style="border: 2px solid red; padding: 5px;"> <p>DEFENSE THREAT REDUCTION AGENCY/PI-CTB</p> <p>(b)(6)</p> <p>8725 JOHN J. KINGMAN RD </p> <p>FT BELVOIR VA 22060-6201</p> <p>(b)(6)</p> <p>FOB: Destination</p> </div>	HDTRA1
0006	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
0007	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
0008	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
0009	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
0010	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
0011	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
0012	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
0013	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
0014	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
0015	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
0016	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
1001	01-AUG-2022	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
100101	N/A	N/A	N/A	N/A
1002	01-AUG-2022	1	<div style="border: 2px solid red; padding: 5px;"> <p>DEFENSE THREAT REDUCTION AGENCY/PI-CTB</p> <p>(b)(6)</p> <p>8725 JOHN J. KINGMAN RD </p> <p>FT BELVOIR VA 22060-6201</p> <p>(b)(6)</p> <p>FOB: Destination</p> </div>	HDTRA1

1003	01-AUG-2022	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
100301	N/A	N/A	N/A	N/A
1004	01-AUG-2022	1	DEFENSE THREAT REDUCTION AGENCY/PI-CTB (b)(6) 8725 JOHN J. KINGMAN RD FT BELVOIR VA 22060-6201 (b)(6) FOB: Destination	HDTRA1
100401	N/A	N/A	N/A	N/A
2001	12 mths. AOE	1	DEFENSE THREAT REDUCTION AGENCY/PI-CTB (b)(6) 8725 JOHN J. KINGMAN RD FT BELVOIR VA 22060-6201 (b)(6) FOB: Destination	HDTRA1
2002	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
2003	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
2004	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
3001	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
3002	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
3003	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1
3004	12 mths. AOE	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	HDTRA1

Section G - Contract Administration Data

PGI 204.7108

PGI 204.7108 - For Payment Instruction See:

[https://www.acq.osd.mil/dpap/dars/pgi/pgi.htm/current/PGI204\\_71.htm#payment\\_instructions](https://www.acq.osd.mil/dpap/dars/pgi/pgi.htm/current/PGI204_71.htm#payment_instructions)

ACCOUNTING AND APPROPRIATION DATA	
AA: 044315 097 0134 000 N 20192021 D 3400 0901515BR_KD_BP_TB_19 1921_0134_3400_PRICT DTRA 251	AMOUNT: (b)(4)
AB: 044315 097 0134 000 N 20212023 D 3400 0901515BR_KD_BP_TB_21 2123_0134_3400_PRICT DTRA 251	AMOUNT: (b)(4)

ACRN	CLIN/SLIN	CIN	AMOUNT
AA	000101	HDTRA19318260001	(b)(4)
	000201	HDTRA19318260002	
	000301	HDTRA19318260003	
	000401	HDTRA19318260004	
AB	1001	HDTRA11383700001	
	100101	HDTRA11383700001	
	1002	HDTRA11383700002	
	1003	HDTRA11383700003	
	100301	HDTRA11383700003	
	1004	HDTRA11383700004	
	100401	HDTRA11383700004	

CLAUSES INCORPORATED BY REFERENCE

52.232-22	Limitation Of Funds	APR 1984
252.201-7000	Contracting Officer's Representative	DEC 1991
252.204-7006	Billing Instructions	OCT 2005

CLAUSES INCORPORATED BY FULL TEXT

**252.216-9005 PROFIT OR FEE ON TRAVEL COSTS (JUL 2008)**

Travel shall not be a profit or fee bearing cost element.

(End of clause)

252.237-9000 CONTRACT HOLIDAYS (JUN 2010)

(a) The price/costs in Section B of the contract include federal holiday observances; accordingly, the Government will not be billed for such holidays, except when services are required by the Government and are actually performed on the federal holiday.

(b) The following days are contract holidays:

New Year's Day	01 January
Martin Luther King's Birthday	Third Monday in January
President's day	Third Monday in February
Memorial Day	Last Monday in May
Independence Day	04 July
Labor Day	First Monday in September
Columbus Day	Second Monday in October
Veteran's Day	11 November
Thanksgiving Day	Fourth Thursday in November
Christmas Day	25 December

(c) If a federal holiday listed above falls on a Saturday or Sunday, the official observance of the holiday will be on the previous Friday or the following Monday.

(End of Clause)



Section II - Special Contract Requirements

H2.

1. In accordance with section 1334 (b) of the Fiscal Year (FY) 2015 National Defense Authorization Act (NDAA), the contractor shall not engage in activities that incur expenditures in the Russian Federation, such as project management activities, procurement and shipping activities, travel, or direct and indirect cost incurrences. Specifically, the contractor shall not:
  - a. Procure Russian-origin equipment from a Russian vendor located in Russia
  - b. Procure non-Russian-origin equipment from a Russian vendor located in Russia
  - c. Procure Russian-origin equipment from a third party, non-Russian vendor located in Russia
  - d. Procure non-Russian-origin equipment from a third party, non-Russian vendor located in Russia
2. In accordance with section 1334 (b) of FY 2015 NDAA, the contractor may:
  - a. Procure Russian-origin equipment from a Russian vendor located outside of Russia
  - b. Procure Russian-origin equipment from a third party, non-Russian vendor located outside of Russia

(End of Clause)

H1.

ADDITIONAL PAYMENT INSTRUCTION

The payment office shall not make payment using ACRN AA for any invoices submitted for work performed after **September 30, 2021**.

(End of Clause)

CLAUSES INCORPORATED BY FULL TEXT

252.209-9003 NON-GOVERNMENT SUPPORT PERSONNEL (APR 2011)

Select DTRA-employed support contractors may have access to contractor information, technical data or computer software that may be marked as proprietary or otherwise marked with restrictive legends. Each DTRA support contractor performs under a contract that contains organizational conflict of interest provisions and/or includes contractual requirements for nondisclosure of proprietary contractor information or data/software marked with restrictive legends. These contractors require access while providing DTRA such support as advisory and assistance services, contract specialist support, and support of the Defense Threat Reduction Information Analysis Center (DTRIAC). The contractor, by submitting a proposal or entering into this contract, is deemed to have consented to the disclosure of its information to DTRA's support contractors.

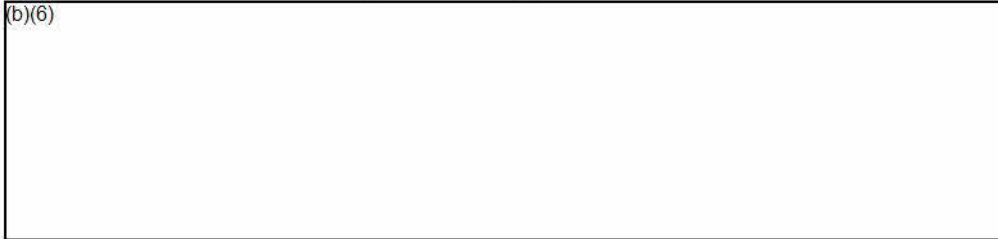
The following are, at present, the prime contractors anticipated to access such documentation: Booz Allen Hamilton and All Native Managed Services. This list is not all inclusive (e.g., subcontractors) and is subject to change.

(End of Clause)

252.215-9004 KEY PERSONNEL (AUG 2012)

The personnel listed below are considered essential to the work being performed hereunder. Prior to removing, replacing, or diverting any of the specified individuals, the Contractor shall notify the Contracting Officer reasonably in advance and shall submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this Contract. No deviation shall be made by the Contractor without the prior written consent of the Contracting Officer; provided, that the Contracting Officer authorizes in writing the change, such authorization shall constitute the consent of the Contracting Officer required by this paragraph. The personnel listed below may, with the consent of the contracting parties, be amended from time to time during the course of the Contract to either add or delete personnel as appropriate.

(b)(6)



(End of Clause)

Section I - Contract Clauses

CLAUSES INCORPORATED BY REFERENCE

52.203-13	Contractor Code of Business Ethics and Conduct	OCT 2015
52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards	OCT 2018
52.232-20	Limitation Of Cost	APR 1984

CLAUSES INCORPORATED BY FULL TEXT

52.215-16 FACILITIES CAPITAL COST OF MONEY (JUN 2003)

(a) Facilities capital cost of money will be an allowable cost under the contemplated contract, if the criteria for allowability in FAR 31.205-10(b) are met. One of the allowability criteria requires the prospective Contractor to propose facilities capital cost of money in its offer.

(b) If the prospective Contractor does not propose this cost, the resulting contract will include the clause Waiver of Facilities Capital Cost of Money.

(End of provision)

52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor within **15 days** provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least **30 days** before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 60 months.

(End of clause)

52.228-3 WORKERS' COMPENSATION INSURANCE (DEFENSE BASE ACT) (JUL 2014)

(a) The Contractor shall--

(1) Before commencing performance under this contract, establish provisions to provide for the payment of disability compensation and medical benefits to covered employees and death benefits to their eligible survivors, by purchasing workers' compensation insurance or qualifying as a self-insurer under the Longshore and Harbor Workers' Compensation Act (33 U.S.C. 932) as extended by the Defense Base Act (42 U.S.C. 1651, et seq.), and continue to maintain provisions to provide such Defense Base Act benefits until contract performance is completed;

(2) Within ten days of an employee's injury or death or from the date the Contractor has knowledge of the injury or death, submit Form LS-202 (Employee's First Report of Injury or Occupational Illness) to the Department of Labor in accordance with the Longshore and Harbor Workers' Compensation Act (33 U.S.C. 930(a), 20 CFR

702.201 to 702.203);

- (3) Pay all compensation due for disability or death within the time frames required by the Longshore and Harbor Workers' Compensation Act (33 U.S.C. 914, 20 CFR 702.231 and 703.232);
  - (4) Provide for medical care as required by the Longshore and Harbor Workers' Compensation Act (33 U.S.C. 907, 20 CFR 702.402 and 702.419);
  - (5) If controverting the right to compensation, submit Form LS-207 (Notice of Controversion of Right to Compensation) to the Department of Labor in accordance with the Longshore and Harbor Workers' Compensation Act (33 U.S.C. 914(d), 20 CFR 702.251);
  - (6) Immediately upon making the first payment of compensation in any case, submit Form LS-206 (Payment Of Compensation Without Award) to the Department of Labor in accordance with the Longshore and Harbor Workers' Compensation Act (33 U.S.C. 914(c), 20 CFR 702.234);
  - (7) When payments are suspended or when making the final payment, submit Form LS-208 (Notice of Final Payment or Suspension of Compensation Payments) to the Department of Labor in accordance with the Longshore and Harbor Workers' Compensation Act (33 U.S.C. 914(c) and (g), 20 CFR 702.234 and 702.235); and
  - (8) Adhere to all other provisions of the Longshore and Harbor Workers' Compensation Act as extended by the Defense Base Act, and Department of Labor regulations at 20 CFR Parts 701 to 704.
- (b) For additional information on the Longshore and Harbor Workers' Compensation Act requirements see <http://www.dol.gov/owep/dlhwc/lcdba.htm>.
- (c) The Contractor shall insert the substance of this clause, including this paragraph (c), in all subcontracts to which the Defense Base Act applies.

(End of clause)

#### 52.244-2 SUBCONTRACTS (OCT 2010)

(a) Definitions. As used in this clause--

Approved purchasing system means a Contractor's purchasing system that has been reviewed and approved in accordance with Part 44 of the Federal Acquisition Regulation (FAR).

Consent to subcontract means the Contracting Officer's written consent for the Contractor to enter into a particular subcontract.

Subcontract means any contract, as defined in FAR Subpart 2.1, entered into by a subcontractor to furnish supplies or services for performance of the prime contract or a subcontract. It includes, but is not limited to, purchase orders, and changes and modifications to purchase orders.

(b) When this clause is included in a fixed-price type contract, consent to subcontract is required only on unpriced contract actions (including unpriced modifications or unpriced delivery orders), and only if required in accordance with paragraph (c) or (d) of this clause.

(c) If the Contractor does not have an approved purchasing system, consent to subcontract is required for any subcontract that

(1) Is of the cost-reimbursement, time-and-materials, or labor-hour type; or

(2) Is fixed-price and exceeds—

(i) For a contract awarded by the Department of Defense, the Coast Guard, or the National Aeronautics and Space Administration, the greater of the simplified acquisition threshold or 5 percent of the total estimated cost of the contract; or

(ii) For a contract awarded by a civilian agency other than the Coast Guard and the National Aeronautics and Space Administration, either the simplified acquisition threshold or 5 percent of the total estimated cost of the contract.

(d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer's written consent before placing the following subcontracts:

None identified.

(e)(1) The Contractor shall notify the Contracting Officer reasonably in advance of placing any subcontract or modification thereof for which consent is required under paragraph (b), (c), or (d) of this clause, including the following information:

(i) A description of the supplies or services to be subcontracted.

(ii) Identification of the type of subcontract to be used.

(iii) Identification of the proposed subcontractor.

(iv) The proposed subcontract price.

(v) The subcontractor's current, complete, and accurate certified cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions.

(vi) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract.

(vii) A negotiation memorandum reflecting—

(A) The principal elements of the subcontract price negotiations;

(B) The most significant considerations controlling establishment of initial or revised prices;

(C) The reason certified cost or pricing data were or were not required;

(D) The extent, if any, to which the Contractor did not rely on the subcontractor's certified cost or pricing data in determining the price objective and in negotiating the final price;

(E) The extent to which it was recognized in the negotiation that the subcontractor's certified cost or pricing data were not accurate, complete, or current; the action taken by the Contractor and the subcontractor; and the effect of any such defective data on the total price negotiated;

(F) The reasons for any significant difference between the Contractor's price objective and the price negotiated; and

(G) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(2) The Contractor is not required to notify the Contracting Officer in advance of entering into any subcontract for which consent is not required under paragraph (c), (d), or (e) of this clause.

(f) Unless the consent or approval specifically provides otherwise, neither consent by the Contracting Officer to any subcontract nor approval of the Contractor's purchasing system shall constitute a determination—

(1) Of the acceptability of any subcontract terms or conditions;

(2) Of the allowability of any cost under this contract; or

(3) To relieve the Contractor of any responsibility for performing this contract.

(g) No subcontract or modification thereof placed under this contract shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement type subcontracts shall not exceed the fee limitations in FAR 15.404-4(c)(4)(i).

(h) The Contractor shall give the Contracting Officer immediate written notice of any action or suit filed and prompt notice of any claim made against the Contractor by any subcontractor or vendor that, in the opinion of the Contractor, may result in litigation related in any way to this contract, with respect to which the Contractor may be entitled to reimbursement from the Government.

(i) The Government reserves the right to review the Contractor's purchasing system as set forth in FAR Subpart 44.3.

(j) Paragraphs (c) and (e) of this clause do not apply to the following subcontracts, which were evaluated during negotiations:

None identified.

(End of clause)

#### 252.203-9000 Prohibition on the Use of Senior Mentors (JUNE 2010)

(a) The use of senior mentors by the Defense Threat Reduction Agency (DTRA) enhances the readiness of the Agency across a wide range of strategic, operational, joint, functional, technical, management and development mission areas. The relevant prior service, joint force experience, and unique expertise of these senior consultants provide senior leadership with valuable insights and contribute to the continuous improvement of the Agencies' operations.

(b) For the purposes of this clause, Senior Mentor is defined as a retired flag, general or other military officers (O-6) or retired senior civilian official (Senior Executive Service (SES), Senior Level (SL), Scientific and Professional (ST)) who provides expert experience-based mentoring, teaching, training, advice, and recommendations to senior military officers, staffs and students as they participate in war games, warfighting courses, operational planning, operational exercises, and decision-making exercises.

(c) In accordance with Secretary of Defense Memorandum entitled "Policy on Senior Mentors" dated April 1, 2010, DTRA will hire all senior mentors as highly qualified experts (HQE) under 5 U.S.C. 9903. This policy balances the need for DTRA to secure the specialized knowledge required for these operational exercises with the need to hire such experts in a manner that promotes public trust and confidence.

(d) The Contractor shall not include the use of senior mentors in bids or proposals for services/supplies offered to DTRA.

(e) The Contractor shall include the substance of this clause in all subcontracts.

(End of Clause)

252.204-7008 COMPLIANCE WITH SAFEGUARDING COVERED DEFENSE INFORMATION CONTROLS (OCT 2016)

(a) Definitions. As used in this provision--

Controlled technical information, covered contractor information system, covered defense information, cyber incident, information system, and technical information are defined in clause 252.204-7012, Safeguarding Covered Defense Information and Cyber Incident Reporting.

(b) The security requirements required by contract clause 252.204-7012 shall be implemented for all covered defense information on all covered contractor information systems that support the performance of this contract.

(c) For covered contractor information systems that are not part of an information technology service or system operated on behalf of the Government (see 252.204-7012(b)(2))--

(1) By submission of this offer, the Offeror represents that it will implement the security requirements specified by National Institute of Standards and Technology (NIST) Special Publication (SP) 800-171, "Protecting Controlled Unclassified Information in Nonfederal Information Systems and Organizations" (see <http://dx.doi.org/10.6028/NIST.SP.800-171>) that are in effect at the time the solicitation is issued or as authorized by the contracting officer not later than December 31, 2017.

(2)(i) If the Offeror proposes to vary from any of the security requirements specified by NIST SP 800-171 that are in effect at the time the solicitation is issued or as authorized by the Contracting Officer, the Offeror shall submit to the Contracting Officer, for consideration by the DoD Chief Information Officer (CIO), a written explanation of—

(A) Why a particular security requirement is not applicable; or

(B) How an alternative but equally effective, security measure is used to compensate for the inability to satisfy a particular requirement and achieve equivalent protection.

(ii) An authorized representative of the DoD CIO will adjudicate offeror requests to vary from NIST SP 800-171 requirements in writing prior to contract award. Any accepted variance from NIST SP 800-171 shall be incorporated into the resulting contract.

(End of provision)

252.204-7012 SAFEGUARDING COVERED DEFENSE INFORMATION AND CYBER INCIDENT REPORTING (OCT 2016)

(a) Definitions. As used in this clause--

Adequate security means protective measures that are commensurate with the consequences and probability of loss, misuse, or unauthorized access to, or modification of information.

Compromise means disclosure of information to unauthorized persons, or a violation of the security policy of a system, in which unauthorized intentional or unintentional disclosure, modification, destruction, or loss of an object, or the copying of information to unauthorized media may have occurred.

Contractor attributional/proprietary information means information that identifies the contractor(s), whether directly or indirectly, by the grouping of information that can be traced back to the contractor(s) (e.g., program description, facility locations), personally identifiable information, as well as trade secrets, commercial or financial information, or other commercially sensitive information that is not customarily shared outside of the company.

Controlled technical information means technical information with military or space application that is subject to controls on the access, use, reproduction, modification, performance, display, release, disclosure, or dissemination. Controlled technical information would meet the criteria, if disseminated, for distribution statements B through F using the criteria set forth in DoD Instruction 5230.24, Distribution Statements on Technical Documents. The term does not include information that is lawfully publicly available without restrictions.

Covered contractor information system means an unclassified information system that is owned, or operated by or for, a contractor and that processes, stores, or transmits covered defense information.

Covered defense information means unclassified controlled technical information or other information, as described in the Controlled Unclassified Information (CUI) Registry at <http://www.archives.gov/eui/registry/category-list.html>, that requires safeguarding or dissemination controls pursuant to and consistent with law, regulations, and Governmentwide policies, and is--

(1) Marked or otherwise identified in the contract, task order, or delivery order and provided to the contractor by or on behalf of DoD in support of the performance of the contract; or

(2) Collected, developed, received, transmitted, used, or stored by or on behalf of the contractor in support of the performance of the contract.

Cyber incident means actions taken through the use of computer networks that result in a compromise or an actual or potentially adverse effect on an information system and/or the information residing therein.

Forensic analysis means the practice of gathering, retaining, and analyzing computer-related data for investigative purposes in a manner that maintains the integrity of the data.

Information system means a discrete set of information resources organized for the collection, processing, maintenance, use, sharing, dissemination, or disposition of information.

Malicious software means computer software or firmware intended to perform an unauthorized process that will have adverse impact on the confidentiality, integrity, or availability of an information system. This definition includes a virus, worm, Trojan horse, or other code-based entity that infects a host, as well as spyware and some forms of adware.

Media means physical devices or writing surfaces including, but is not limited to, magnetic tapes, optical disks, magnetic disks, large-scale integration memory chips, and printouts onto which covered defense information is recorded, stored, or printed within a covered contractor information system.

Operationally critical support means supplies or services designated by the Government as critical for airlift, sealift, intermodal transportation services, or logistical support that is essential to the mobilization, deployment, or sustainment of the Armed Forces in a contingency operation.

Rapidly report means within 72 hours of discovery of any cyber incident.

Technical information means technical data or computer software, as those terms are defined in the clause at DFARS 252.227-7013, Rights in Technical Data--Noncommercial Items, regardless of whether or not the clause is incorporated in this solicitation or contract. Examples of technical information include research and engineering



data, engineering drawings, and associated lists, specifications, standards, process sheets, manuals, technical reports, technical orders, catalog-item identifications, data sets, studies and analyses and related information, and computer software executable code and source code.

(b) Adequate security. The Contractor shall provide adequate security on all covered contractor information systems. To provide adequate security, the Contractor shall implement, at a minimum, the following information security protections:

(1) For covered contractor information systems that are part of an information technology (IT) service or system operated on behalf of the Government, the following security requirements apply:

(i) Cloud computing services shall be subject to the security requirements specified in the clause 252.239-7010, Cloud Computing Services, of this contract.

(ii) Any other such IT service or system (i.e., other than cloud computing) shall be subject to the security requirements specified elsewhere in this contract.

(2) For covered contractor information systems that are not part of an IT service or system operated on behalf of the Government and therefore are not subject to the security requirement specified at paragraph (b)(1) of this clause, the following security requirements apply:

(i) Except as provided in paragraph (b)(2)(ii) of this clause, the covered contractor information system shall be subject to the security requirements in National Institute of Standards and Technology (NIST) Special Publication (SP) 800-171, "Protecting Controlled Unclassified Information in Nonfederal Information Systems and Organizations" (available via the internet at <http://dx.doi.org/10.6028/NIST.SP.800-171>) in effect at the time the solicitation is issued or as authorized by the Contracting Officer.

(ii)(A) The Contractor shall implement NIST SP 800-171, as soon as practical, but not later than December 31, 2017. For all contracts awarded prior to October 1, 2017, the Contractor shall notify the DoD Chief Information Officer (CIO), via email at [osd.dibesia@mail.mil](mailto:osd.dibesia@mail.mil), within 30 days of contract award, of any security requirements specified by NIST SP 800-171 not implemented at the time of contract award.

(B) The Contractor shall submit requests to vary from NIST SP 800-171 in writing to the Contracting Officer, for consideration by the DoD CIO. The Contractor need not implement any security requirement adjudicated by an authorized representative of the DoD CIO to be nonapplicable or to have an alternative, but equally effective, security measure that may be implemented in its place.

(C) If the DoD CIO has previously adjudicated the contractor's requests indicating that a requirement is not applicable or that an alternative security measure is equally effective, a copy of that approval shall be provided to the Contracting Officer when requesting its recognition under this contract.

(D) If the Contractor intends to use an external cloud service provider to store, process, or transmit any covered defense information in performance of this contract, the Contractor shall require and ensure that the cloud service provider meets security requirements equivalent to those established by the Government for the Federal Risk and Authorization Management Program (FedRAMP) Moderate baseline (<https://www.fedramp.gov/resources/documents/>) and that the cloud service provider complies with requirements in paragraphs (c) through (g) of this clause for cyber incident reporting, malicious software, media preservation and protection, access to additional information and equipment necessary for forensic analysis, and cyber incident damage assessment.

(3) Apply other information systems security measures when the Contractor reasonably determines that information systems security measures, in addition to those identified in paragraphs (b)(1) and (2) of this clause, may be required to provide adequate security in a dynamic environment or to accommodate special circumstances (e.g., medical devices) and any individual, isolated, or temporary deficiencies based on an assessed risk or vulnerability. These measures may be addressed in a system security plan.

(c) Cyber incident reporting requirement.

(1) When the Contractor discovers a cyber incident that affects a covered contractor information system or the covered defense information residing therein, or that affects the contractor's ability to perform the requirements of the contract that are designated as operationally critical support and identified in the contract, the Contractor shall--

(i) Conduct a review for evidence of compromise of covered defense information, including, but not limited to, identifying compromised computers, servers, specific data, and user accounts. This review shall also include analyzing covered contractor information system(s) that were part of the cyber incident, as well as other information systems on the Contractor's network(s), that may have been accessed as a result of the incident in order to identify compromised covered defense information, or that affect the Contractor's ability to provide operationally critical support; and

(ii) Rapidly report cyber incidents to DoD at <http://dibnet.dod.mil>.

(2) Cyber incident report. The cyber incident report shall be treated as information created by or for DoD and shall include, at a minimum, the required elements at <http://dibnet.dod.mil>.

(3) Medium assurance certificate requirement. In order to report cyber incidents in accordance with this clause, the Contractor or subcontractor shall have or acquire a DoD-approved medium assurance certificate to report cyber incidents. For information on obtaining a DoD-approved medium assurance certificate, see <http://iase.disa.mil/pki/eca/Pages/index.aspx>.

(d) Malicious software. When the Contractor or subcontractors discover and isolate malicious software in connection with a reported cyber incident, submit the malicious software to DoD Cyber Crime Center (DC3) in accordance with instructions provided by DC3 or the Contracting Officer. Do not send the malicious software to the Contracting Officer.

(e) Media preservation and protection. When a Contractor discovers a cyber incident has occurred, the Contractor shall preserve and protect images of all known affected information systems identified in paragraph (c)(1)(i) of this clause and all relevant monitoring/packet capture data for at least 90 days from the submission of the cyber incident report to allow DoD to request the media or decline interest.

(f) Access to additional information or equipment necessary for forensic analysis. Upon request by DoD, the Contractor shall provide DoD with access to additional information or equipment that is necessary to conduct a forensic analysis.

(g) Cyber incident damage assessment activities. If DoD elects to conduct a damage assessment, the Contracting Officer will request that the Contractor provide all of the damage assessment information gathered in accordance with paragraph (c) of this clause.

(h) DoD safeguarding and use of contractor attributional/proprietary information. The Government shall protect against the unauthorized use or release of information obtained from the contractor (or derived from information obtained from the contractor) under this clause that includes contractor attributional/proprietary information, including such information submitted in accordance with paragraph (c). To the maximum extent practicable, the Contractor shall identify and mark attributional/proprietary information. In making an authorized release of such information, the Government will implement appropriate procedures to minimize the contractor attributional/proprietary information that is included in such authorized release, seeking to include only that information that is necessary for the authorized purpose(s) for which the information is being released.

(i) Use and release of contractor attributional/proprietary information not created by or for DoD. Information that is obtained from the contractor (or derived from information obtained from the contractor) under this clause that is not created by or for DoD is authorized to be released outside of DoD--

- (1) To entities with missions that may be affected by such information;
- (2) To entities that may be called upon to assist in the diagnosis, detection, or mitigation of cyber incidents;
- (3) To Government entities that conduct counterintelligence or law enforcement investigations;
- (4) For national security purposes, including cyber situational awareness and defense purposes (including with Defense Industrial Base (DIB) participants in the program at 32 CFR part 236); or
- (5) To a support services contractor ("recipient") that is directly supporting Government activities under a contract that includes the clause at 252.204-7009, Limitations on the Use or Disclosure of Third-Party Contractor Reported Cyber Incident Information.
  - (j) Use and release of contractor attributional/proprietary information created by or for DoD. Information that is obtained from the contractor (or derived from information obtained from the contractor) under this clause that is created by or for DoD (including the information submitted pursuant to paragraph (c) of this clause) is authorized to be used and released outside of DoD for purposes and activities authorized by paragraph (i) of this clause, and for any other lawful Government purpose or activity, subject to all applicable statutory, regulatory, and policy based restrictions on the Government's use and release of such information.
  - (k) The Contractor shall conduct activities under this clause in accordance with applicable laws and regulations on the interception, monitoring, access, use, and disclosure of electronic communications and data.
  - (l) Other safeguarding or reporting requirements. The safeguarding and cyber incident reporting required by this clause in no way abrogates the Contractor's responsibility for other safeguarding or cyber incident reporting pertaining to its unclassified information systems as required by other applicable clauses of this contract, or as a result of other applicable U.S. Government statutory or regulatory requirements.
  - (m) Subcontracts. The Contractor shall--
    - (1) Include this clause, including this paragraph (m), in subcontracts, or similar contractual instruments, for operationally critical support, or for which subcontract performance will involve covered defense information, including subcontracts for commercial items, without alteration, except to identify the parties. The Contractor shall determine if the information required for subcontractor performance retains its identity as covered defense information and will require protection under this clause, and, if necessary, consult with the Contracting Officer; and
    - (2) Require subcontractors to--
      - (i) Notify the prime Contractor (or next higher-tier subcontractor) when submitting a request to vary from a NIST SP 800-171 security requirement to the Contracting Officer, in accordance with paragraph (b)(2)(ii)(B) of this clause; and
      - (ii) Provide the incident report number, automatically assigned by DoD, to the prime Contractor (or next higher-tier subcontractor) as soon as practicable, when reporting a cyber incident to DoD as required in paragraph (c) of this clause.

(End of clause)

252.225-7043 ANTITERRORISM/FORCE PROTECTION POLICY FOR DEFENSE CONTRACTORS  
OUTSIDE THE UNITED STATES (JUN 2015)

(a) Definition. United States, as used in this clause, means, the 50 States, the District of Columbia, and outlying areas.

(b) Except as provided in paragraph (c) of this clause, the Contractor and its subcontractors, if performing or traveling outside the United States under this contract, shall--

(1) Affiliate with the Overseas Security Advisory Council, if the Contractor or subcontractor is a U.S. entity;

(2) Ensure that Contractor and subcontractor personnel who are U.S. nationals and are in-country on a non-transitory basis, register with the U.S. Embassy, and that Contractor and subcontractor personnel who are third country nationals comply with any security related requirements of the Embassy of their nationality;

(3) Provide, to Contractor and subcontractor personnel, antiterrorism/force protection awareness information commensurate with that which the Department of Defense (DoD) provides to its military and civilian personnel and their families, to the extent such information can be made available prior to travel outside the United States; and

(4) Obtain and comply with the most current antiterrorism/force protection guidance for Contractor and subcontractor personnel.

(c) The requirements of this clause do not apply to any subcontractor that is--

(1) A foreign government;

(2) A representative of a foreign government; or

(3) A foreign corporation wholly owned by a foreign government.

(d) Information and guidance pertaining to DoD antiterrorism/force protection can be obtained from [ \_\_\_\_ Contracting Officer to insert applicable information cited in PGI 225.372-1].

(End of clause)

252.225-7048 EXPORT-CONTROLLED ITEMS (JUNE 2013)

(a) Definition. "Export-controlled items," as used in this clause, means items subject to the Export Administration Regulations (EAR) (15 CFR Parts 730-774) or the International Traffic in Arms Regulations (ITAR) (22 CFR Parts 120-130). The term includes--

(1) "Defense items," defined in the Arms Export Control Act, 22 U.S.C. 2778(j)(4)(A), as defense articles, defense services, and related technical data, and further defined in the ITAR, 22 CFR Part 120; and

(2) "Items," defined in the EAR as "commodities", "software", and "technology," terms that are also defined in the EAR, 15 CFR 772.1.

(b) The Contractor shall comply with all applicable laws and regulations regarding export-controlled items, including, but not limited to, the requirement for contractors to register with the Department of State in accordance with the ITAR. The Contractor shall consult with the Department of State regarding any questions relating to compliance with the ITAR and shall consult with the Department of Commerce regarding any questions relating to compliance with the EAR.

(c) The Contractor's responsibility to comply with all applicable laws and regulations regarding export-controlled items exists independent of, and is not established or limited by, the information provided by this clause.

(d) Nothing in the terms of this contract adds, changes, supersedes, or waives any of the requirements of applicable Federal laws, Executive orders, and regulations, including but not limited to

(1) The Export Administration Act of 1979, as amended (50 U.S.C. App. 2401, et seq.);

(2) The Arms Export Control Act (22 U.S.C. 2751, et seq.);

(3) The International Emergency Economic Powers Act (50 U.S.C. 1701, et seq.);

(4) The Export Administration Regulations (15 CFR Parts 730-774);

(5) The International Traffic in Arms Regulations (22 CFR Parts 120-130); and

(6) Executive Order 13222, as extended.

(e) The Contractor shall include the substance of this clause, including this paragraph (e), in all subcontracts.

(End of clause)

252.225-7980 CONTRACTOR PERSONNEL PERFORMING IN THE UNITED STATES AFRICA COMMAND  
AREA OF RESPONSIBILITY (DEVIATION 2016-O0008) (JUN 2016)

(a) Definitions. As used in this clause—

“Combatant Commander” means the Commander of the United States Africa Command (USAFRICOM).

“Contractors authorized to accompany the Force,” or “CAAF,” means contractor personnel, including all tiers of subcontractor personnel, who are authorized to accompany U.S. Armed Forces in applicable operations and have been afforded CAAF status through a letter of authorization. CAAF generally include all U.S. citizen and third-country national employees not normally residing within the operational area whose area of performance is in the direct vicinity of U.S. Armed Forces and who routinely are collocated with the U.S. Armed Forces (especially in non-permissive environments). Personnel collocated with U.S. Armed Forces in applicable operations shall be afforded CAAF status through a letter of authorization. In some cases, Combatant Commander or subordinate joint force commanders may designate mission-essential host nation or local national contractor employees (e.g., interpreters) as CAAF. CAAF includes contractors previously identified as contractors deploying with the U.S. Armed Forces. CAAF status does not apply to contractor personnel in support of applicable operations within the boundaries and territories of the United States.

“Designated reception site” means the designated place for the reception, staging, integration, and onward movement of contractors deploying to the USAFRICOM area of responsibility. The designated reception site includes assigned joint reception centers and other Service or private reception sites.

“Law of war” means that part of international law that regulates the conduct of armed hostilities. The law of war encompasses the international law related to the conduct of hostilities that is binding on the United States or its individual citizens, including treaties and international agreements to which the United States is a party, and applicable customary international law.

“Non-CAAF” means personnel in applicable operations who are not designated as CAAF, such as local national employees and non-local national employees who are permanent residents in the operational area or third-country nationals not routinely residing with U.S. Armed Forces (and third-country national expatriates who are permanent residents in the operational area) who perform support functions away from the close proximity of, and do not reside with, the U.S. Armed Forces. Government-furnished support to non-CAAF is typically limited to force protection, emergency medical care, and basic human needs (e.g., bottled water, latrine facilities, security, and food when necessary) when performing their jobs in the direct vicinity of U.S. Armed Forces. Non-CAAF status does not

apply to contractor personnel in support of applicable operations within the boundaries and territories of the United States.

“Subordinate joint force commander” means a sub-unified commander or joint task force commander.

“U.S. Africa Command (USAFRICOM) area of responsibility,” as used in this clause, means

- (1) The entire continent of Africa, excluding Egypt;
- (2) The Atlantic Ocean east and south of the line from Antarctica at 024°W, north to 4°N/024°W, west to 30°W, then north to 21°N/030°W, then east to the African continent; and
- (3) The Indian Ocean west and south of the line from Antarctica at 68°E, north to 01°40’S/068°E, and west to the African coast at 01°40’S.

(b) General.

(1) This clause applies to all contractor personnel when performing in the USAFRICOM area of responsibility.

(2) Certain requirements in paragraphs (c)(3), (e)(1), and (f) must be specified in the statement of work to be applied to non-CAAF personnel.

(3) Contract performance in the USAFRICOM area of responsibility may require work in dangerous or austere conditions. Except as otherwise provided in the contract, the Contractor accepts the risks associated with required contract performance in such operations.

(4) When authorized in accordance with paragraph (j) of this clause to carry arms for personal protection, contractor personnel are only authorized to use force for individual self-defense.

(5) Unless immune from host nation jurisdiction by virtue of an international agreement or international law, inappropriate use of force by contractor personnel authorized to accompany the U.S. Armed Forces can subject such personnel to United States or host nation prosecution and civil liability (see paragraphs (d) and (j)(3) of this clause).

(6) Service performed by contractor personnel subject to this clause is not active duty or service under 38 U.S.C. 106 note.

(c) Support.

(1)(i) The Combatant Commander will develop a security plan for protection of contractor personnel in locations where there is not sufficient or legitimate civil authority, when the Combatant Commander decides it is in the interests of the Government to provide security because—

(A) The Contractor cannot obtain effective security services;

(B) Effective security services are unavailable at a reasonable cost; or

(C) Threat conditions necessitate security through military means.

(ii) In appropriate cases, the Combatant Commander may provide security through military means, commensurate with the level of security provided DoD civilians.

(2)(i) Generally, CAAF will be afforded emergency medical and dental care if injured while supporting applicable operations. Additionally, all non-CAAF who are injured while in the vicinity of U. S. Armed Forces will normally receive emergency medical and dental care. Emergency medical and dental care includes medical care situations in which life, limb, or eyesight is jeopardized. Examples of emergency medical and dental care include examination and initial treatment of victims of sexual assault; refills of prescriptions for life-dependent drugs; repair of broken bones, lacerations, infections; and traumatic injuries to the dentition. Hospitalization will be limited to stabilization and short-term medical treatment with an emphasis on return to duty or placement in the patient movement system.

(ii) When the Government provides medical treatment or transportation of contractor personnel to a selected civilian facility, the Contractor shall ensure that the Government is reimbursed for any costs associated with such treatment or transportation.

(iii) Medical or dental care beyond this standard is not authorized.

(3)(i) A Synchronized Predeployment and Operational Tracker (SPOT)-generated letter of authorization signed by the Contracting Officer is required for certain contractor personnel to process through a deployment center or to travel to, from, or within the USAFRICOM area of responsibility. The requirement applies to CAAF and, as specified in the statement of work, non-CAAF personnel.

(ii) The letter of authorization will identify any additional authorizations, privileges, or Government support that contractor personnel are entitled to under this contract. USAFRICOM has limited capability to provide Government-furnished life-support services to contractors in the USAFRICOM area of responsibility. In instances where Government-furnished life support services are neither available nor authorized in the contract, the SPOT-generated letter of authorization, signed by the Contracting Officer, shall be annotated with “None” checked for Government-furnished life-support services.

(iii) Contractor personnel who are issued a letter of authorization shall carry it with them at all times while deployed.

- (4) Unless specified elsewhere in this contract, the Contractor is responsible for all other support required for its personnel engaged in the USAFRICOM area of responsibility under this contract.
- (d) Compliance with laws and regulations.
- (1) The Contractor shall comply with, and shall ensure that its personnel performing in the USAFRICOM area of responsibility are familiar with and comply with, all applicable
- (i) United States, host country, and third country national laws;
  - (ii) Provisions of the law of war, as well as any other applicable treaties and international agreements;
  - (iii) United States regulations, directives, instructions, policies, and procedures; and
  - (iv) Orders, directives, and instructions issued by the Combatant Commander, including those relating to force protection, security, health, safety, or relations and interaction with local nationals.
- (2) The Contractor shall institute and implement an effective program to prevent violations of the law of war by its employees and subcontractors, including law of war training in accordance with paragraph (e)(1)(vii) of this clause.
- (3) The Contractor shall ensure that all contractor personnel are aware—
- (i) Of the DoD definition of “sexual assault” in DoDD 6495.01, Sexual Assault Prevention and Response Program;
  - (ii) That the offenses addressed by the definition are covered under the Uniform Code of Military Justice (see paragraph (e)(2)(iv) of this clause). Other sexual misconduct may constitute offenses under the Uniform Code of Military Justice, Federal law, such as the Military Extraterritorial Jurisdiction Act, or host nation laws; and
  - (iii) That the offenses not covered by the Uniform Code of Military Justice may nevertheless have consequences for the contractor employees (see paragraph (h)(1) of this clause).
- (4) The Contractor shall report to the appropriate investigative authorities, identified in paragraph (d)(6) of this clause, any alleged offenses under—
- (i) The Uniform Code of Military Justice (chapter 47 of title 10, United States Code) (applicable to contractors serving with or accompanying an armed force in the field during a declared war or contingency operations); or
  - (ii) The Military Extraterritorial Jurisdiction Act (chapter 212 of title 18, United States Code).
- (5) The Contractor shall provide to all contractor personnel who will perform work on a contract in the deployed area, before beginning such work, information on the following:
- (i) How and where to report an alleged crime described in paragraph (d)(4) of this clause.
  - (ii) Where to seek victim and witness protection and assistance available to contractor personnel in connection with an alleged offense described in paragraph (d)(4) of this clause.
  - (iii) This section does not create any rights or privileges that are not authorized by law or DoD policy.
- (6) The appropriate investigative authorities to which suspected crimes shall be reported include the following—
- (i) US Army Criminal Investigation Command at <http://www.cid.army.mil/reportacrime.html>;
  - (ii) Air Force Office of Special Investigations at <http://www.osi.af.mil/>;
  - (iii) Navy Criminal Investigative Service at <http://www.ncis.navy.mil/Pages/publicdefault.aspx>;
  - (iv) Defense Criminal Investigative Service at <http://www.dodig.mil/HOTLINE/index.html>; and
  - (v) To any command of any supported military element or the command of any base.
- (7) Personnel seeking whistleblower protection from reprisals for reporting criminal acts shall seek guidance through the DoD Inspector General hotline at 800-424-9098 or [www.dodig.mil/HOTLINE/index.html](http://www.dodig.mil/HOTLINE/index.html). Personnel seeking other forms of victim or witness protections should contact the nearest military law enforcement office.
- (8) The Contractor shall ensure that Contractor employees supporting the U.S. Armed Forces deployed outside the United States are aware of their rights to—
- (i) Hold their own identity or immigration documents, such as passport or driver’s license;
  - (ii) Receive agreed upon wages on time;
  - (iii) Take lunch and work-breaks;
  - (iv) Elect to terminate employment at any time;
  - (v) Identify grievances without fear of reprisal;
  - (vi) Have a copy of their employment contract in a language they understand;
  - (vii) Receive wages that are not below the legal in-country minimum wage;
  - (viii) Be notified of their rights, wages, and prohibited activities prior to signing their employment contract; and
  - (ix) If housing is provided, live in housing that meets host-country housing and safety standards.
- (e) Preliminary personnel requirements.
- (1) The Contractor shall ensure that the following requirements are met prior to deploying CAAF and, as specified in the statement of work, non-CAAF (specific requirements for each category will be specified in the statement of work or elsewhere in the contract):
- (i) All required security and background checks are complete and acceptable.

- (ii) All such personnel deploying in support of an applicable operation
  - (A) Are medically, dentally, and psychologically fit for deployment and performance of their contracted duties;
  - (B) Meet the minimum medical screening requirements, including theater-specific medical qualifications as established by the Geographic Combatant Commander (as posted to the Geographic Combatant Commander's website or other venue); and
  - (C) Have received all required immunizations as specified in the contract.
    - (1) During predeployment processing, the Government will provide, at no cost to the Contractor, any military-specific immunizations and/or medications not available to the general public.
    - (2) All other immunizations shall be obtained prior to arrival at the deployment center.
    - (3) All such personnel, as specified in the statement of work, shall bring to the USAFRICOM area of responsibility a copy of the U.S. Centers for Disease Control and Prevention (CDC) Form 731, International Certificate of Vaccination or Prophylaxis as approved by the World Health Organization, (also known as "shot record" or "Yellow Card") that shows vaccinations are current.
- (iii) Deploying personnel have all necessary passports, visas, and other documents required to enter and exit the USAFRICOM area of responsibility and have a Geneva Conventions identification card, or other appropriate DoD identity credential, from the deployment center.
- (iv) Special area, country, and theater clearance is obtained for all personnel deploying. Clearance requirements are in DoD Directive 4500.54E, DoD Foreign Clearance Program. For this purpose, CAAF are considered non-DoD personnel traveling under DoD sponsorship.
- (v) All deploying personnel have received personal security training. At a minimum, the training shall—
  - (A) Cover safety and security issues facing employees overseas;
  - (B) Identify safety and security contingency planning activities; and
  - (C) Identify ways to utilize safety and security personnel and other resources appropriately.
- (vi) All personnel have received isolated personnel training, if specified in the contract, in accordance with DoD Instruction 1300.23, Isolated Personnel Training for DoD Civilian and Contractors.
- (vii) Personnel have received law of war training as follows:
  - (A) Basic training is required for all such personnel. The basic training will be provided through—
    - (1) A military-run training center; or
    - (2) A web-based source, if specified in the contract or approved by the Contracting Officer.
  - (B) Advanced training, commensurate with their duties and responsibilities, may be required for some Contractor personnel as specified in the contract.
- (2) The Contractor shall notify all personnel who are not a host country national, or who are not ordinarily resident in the host country, that—
  - (i) Such employees, and dependents residing with such employees, who engage in conduct outside the United States that would constitute an offense punishable by imprisonment for more than one year if the conduct had been engaged in within the special maritime and territorial jurisdiction of the United States, may potentially be subject to the criminal jurisdiction of the United States in accordance with the Military Extraterritorial Jurisdiction Act of 2000 (18 U.S.C. 3621, et seq.);
  - (ii) Pursuant to the War Crimes Act (18 U.S.C. 2441), Federal criminal jurisdiction also extends to conduct that is determined to constitute a war crime when committed by a civilian national of the United States;
  - (iii) Other laws may provide for prosecution of U.S. nationals who commit offenses on the premises of U.S. diplomatic, consular, military or other U.S. Government missions outside the United States (18 U.S.C. 7(9));
  - (iv) In time of declared war or a contingency operation, CAAF and selected non-CAAF are subject to the jurisdiction of the Uniform Code of Military Justice under 10 U.S.C. 802(a)(10);
  - (v) Such employees are required to report offenses alleged to have been committed by or against contractor personnel to appropriate investigative authorities; and,
  - (vi) Such employees will be provided victim and witness protection and assistance.
- (f) Processing and departure points. CAAF and, as specified in the statement of work, non-CAAF personnel shall
  - (1) Process through the deployment center designated in the contract, or as otherwise directed by the Contracting Officer, prior to deploying. The deployment center will conduct deployment processing to ensure visibility and accountability of contractor personnel and to ensure that all deployment requirements are met, including the requirements specified in paragraph (e)(1) of this clause;
  - (2) Use the point of departure and transportation mode directed by the Contracting Officer; and



- (3) Process through a designated reception site upon arrival at the deployed location. The designated reception site will validate personnel accountability, ensure that specific USAFRICOM area of responsibility entrance requirements are met, and brief contractor personnel on theater-specific policies and procedures.
- (g) Personnel data. The Contractor shall
- (1) Use the SPOT web-based system, or its successor, to account for
- (i) Data for all CAAF supporting the U.S. Armed Forces deployed outside the United States.
- (ii) All contractor personnel who are United States citizens and third-country nationals, when the personnel will be performing in the USAFRICOM area of responsibility regardless of the length of performance or contract value; and
- (iii) All private security contractor personnel and their equipment, and all other contractor personnel authorized to carry weapons, when the personnel are performing in the USAFRICOM area of responsibility regardless of the length of performance or contract value.
- (2) Enter the required information about their Contractor personnel and their equipment prior to deployment and shall continue to use the SPOT web-based system at <https://spot.dmdc.mil> to maintain accurate, up-to-date information throughout the deployment for all Contractor personnel. Changes to status of individual Contractor personnel relating to their in-theater arrival date and their duty location, including closing out the deployment with their proper status (e.g., mission complete, killed, wounded) shall be annotated within the SPOT database in accordance with the timelines established in the SPOT Business Rules at [http://www.acq.osd.mil/log/PS/ctr\\_mgt\\_accountability.html](http://www.acq.osd.mil/log/PS/ctr_mgt_accountability.html).
- (3) The Contractor shall submit to the Contracting Officer for SPOT reporting, not later than the 10th day of each month, an aggregate count of all local national employees performing in the USAFRICOM area of responsibility, by country of performance, for 30 days or longer under a contract valued at or above \$150,000 annually. Contractors using local national day laborers shall count each individual hired during the 30-day period only once.
- (4) For classified contracts, users shall access SPOT at <https://spot.dmdc.osd.smil.mil>. To obtain access, contact the SPOT Customer Support Team via email: [dodhra.beau-alex.dmdc.mbx.spot-helpdesk@mail.mil](mailto:dodhra.beau-alex.dmdc.mbx.spot-helpdesk@mail.mil)
- (h) Contractor personnel.
- (1) The Contracting Officer may direct the Contractor, at its own expense, to remove and replace any contractor personnel who jeopardize or interfere with mission accomplishment or who fail to comply with or violate applicable requirements of this contract. Such action may be taken at the Government's discretion without prejudice to its rights under any other provision of this contract, including the Termination for Default clause.
- (2) The Contractor shall identify all personnel who occupy a position designated as mission essential and ensure the continuity of essential Contractor services during designated operations, unless, after consultation with the Contracting Officer, Contracting Officer's Representative, or local commander, the Contracting Officer directs withdrawal due to security conditions.
- (3) The Contractor shall ensure that contractor personnel follow the guidance at paragraph (e)(2)(v) of this clause and any specific Combatant Commander guidance on reporting offenses alleged to have been committed by or against contractor personnel to appropriate investigative authorities.
- (4) Contractor personnel shall return all U.S. Government-issued identification, including the Common Access Card, to appropriate U.S. Government authorities at the end of their deployment (or, for non-CAAF, at the end of their employment under this contract).
- (i) Military clothing and protective equipment.
- (1) Contractor personnel are prohibited from wearing military clothing unless specifically authorized in writing by the Combatant Commander or subordinate joint force commanders. If authorized to wear military clothing, contractor personnel must—
- (i) Wear distinctive patches, arm bands, nametags, or headgear, in order to be distinguishable from military personnel, consistent with force protection measures; and
- (ii) Carry the written authorization with them at all times.
- (2) Contractor personnel may wear military-unique organizational clothing and individual equipment required for safety and security, such as ballistic, nuclear, biological, or chemical protective equipment.
- (3) The deployment center, or the Combatant Commander, shall issue organizational clothing and individual equipment and shall provide training, if necessary, to ensure the safety and security of contractor personnel.
- (4) The Contractor shall ensure that all issued organizational clothing is returned to the point of issue, unless otherwise directed by the Contracting Officer.
- (j) Weapons.
- (1) If the Contractor requests that its personnel performing in the USAFRICOM area of responsibility be authorized to carry weapons for individual self-defense, the request shall be made through the Contracting Officer to the

Combatant Commander, in accordance with DoD Instruction 3020.41. The Combatant Commander will determine whether to authorize in-theater contractor personnel to carry weapons and what weapons and ammunition will be allowed.

(2) If contractor personnel are authorized to carry weapons in accordance with paragraph (j)(1) of this clause, the Contracting Officer will notify the Contractor what weapons and ammunition are authorized.

(3) The Contractor shall ensure that its personnel who are authorized to carry weapons

(i) Are adequately trained to carry and use them—

(A) Safely;

(B) With full understanding of, and adherence to, the rules of the use of force issued by the Combatant Commander; and

(C) In compliance with applicable agency policies, agreements, rules, regulations, and other applicable law;

(ii) Are not barred from possession of a firearm by 18 U.S.C. 922;

(iii) Adhere to all guidance and orders issued by the Combatant Commander regarding possession, use, safety, and accountability of weapons and ammunition;

(iv) Comply with applicable Combatant Commander, subordinate joint force commander, and local commander force-protection policies; and

(v) Understand that the inappropriate use of force could subject them to U.S. or host-nation prosecution and civil liability.

(4) Whether or not weapons are Government-furnished, all liability for the use of any weapon by contractor personnel rests solely with the Contractor and the Contractor employee using such weapon.

(5) Upon redeployment or revocation by the Combatant Commander of the Contractor's authorization to issue firearms, the Contractor shall ensure that all Government-issued weapons and unexpended ammunition are returned as directed by the Contracting Officer.

(k) Vehicle or equipment licenses. Contractor personnel shall possess the required licenses to operate all vehicles or equipment necessary to perform the contract in the USAFRICOM area of responsibility.

(l) Purchase of scarce goods and services. If the Combatant Commander has established an organization for the USAFRICOM area of responsibility whose function is to determine that certain items are scarce goods or services, the Contractor shall coordinate with that organization local purchases of goods and services designated as scarce, in accordance with instructions provided by the Contracting Officer.

(m) Evacuation.

(1) If the Combatant Commander orders a mandatory evacuation of some or all personnel, the Government will provide assistance, to the extent available, to contractor personnel who are U.S. citizens and third country nationals.

(2) In the event of a non-mandatory evacuation order, unless authorized in writing by the Contracting Officer, the Contractor shall maintain personnel on location sufficient to meet obligations under this contract.

(n) Next of kin notification and personnel recovery.

(1) The Contractor shall be responsible for notification of the employee-designated next of kin in the event an employee dies, requires evacuation due to an injury, or is isolated, missing, detained, captured, or abducted.

(2) The Government will assist in personnel recovery actions in accordance with DoD Directive 3002.01E, Personnel Recovery in the Department of Defense.

(o) Mortuary affairs. Contractor personnel who die while in support of the U.S. Armed Forces shall be covered by the DoD mortuary affairs program as described in DoD Directive 1300.22, Mortuary Affairs Policy, and DoD Instruction 3020.41, Operational Contract Support.

(p) Changes. In addition to the changes otherwise authorized by the Changes clause of this contract, the Contracting Officer may, at any time, by written order identified as a change order, make changes in the place of performance or Government-furnished facilities, equipment, material, services, or site. Any change order issued in accordance with this paragraph (p) shall be subject to the provisions of the Changes clause of this contract.

(q) Subcontracts. The Contractor shall incorporate the substance of this clause, including this paragraph (q), in all subcontracts that require subcontractor personnel to perform in the USAFRICOM area of responsibility.

(End of clause)

Contractor shall comply and execute contract performance in accordance with the following excerpts from the relevant agreement between the United States of America and the Republic of Kazakhstan.

(a) Agreement between the Government of the United States of America and the Government of the Republic of Kazakhstan, concerning the Destruction of Silo Launchers of Intercontinental Ballistic Missiles, Emergency Response, and the Prevention of Proliferation of Nuclear Weapons dated December 13, 1993, Article VII.

“1. The Parties waive any and all claims against each other for damage to property owned by each party, or death or injury to any military personnel or civilian government personnel of either Party, arising out of any activities in the Republic of Kazakhstan related to this Agreement. Pursuant to this Agreement, the United States of America plans, to the maximum extent feasible, to avoid activities in the Republic of Kazakhstan which might give rise to damage to or loss of property, or death or injury to personnel.

2. Any and all claims by third parties arising out of any activities in the Republic of Kazakhstan related to this Agreement, other than those claims by citizens of the United States of America, shall be the responsibility of the Republic of Kazakhstan.

3. The provisions of paragraphs 1 and 2 of this Article shall not prevent the Parties from providing compensation in accordance with their national laws.”

(b) Agreement between the Government of the United States of America and the Government of the Republic of Kazakhstan, concerning the Destruction of Silo Launchers of Intercontinental Ballistic Missiles, Emergency Response, and the Prevention of Proliferation of Nuclear Weapons dated December 13, 1993, Article IX.

“1. The United States of America, its military personnel and civilian government personnel, contractors, and contractors' personnel shall not be liable in any tax, fee, or similar charge imposed by national and local authorities, pursuant to any law or regulation of the Republic of Kazakhstan.

2. The United States of America, its military personnel and civilian government personnel, contractors, and contractors' personnel may import into the Republic of Kazakhstan any materials required to implement this Agreement. Such importation of materials shall not be subject to any license, other restrictions, tariffs, customs charges, duties, taxes, or any other charges imposed by national and local authorities, pursuant to the laws or regulations of the Republic of Kazakhstan. The exportation of this same material shall not be subject to any license, other restrictions, tariffs, customs, duties, taxes, or any other charges imposed by regulation of the Republic of Kazakhstan. For the importation and exportation of such material, the Republic of Kazakhstan shall ensure that simplified and prioritized customs procedures are applied.

3. The obligations of the Republic of Kazakhstan under this Article shall remain in force for the duration of this Agreement and for a period of time thereafter required for the completion of activities initiated under this Agreement.

(c) Agreement between the Government of the United States of America and the Government of the Republic of Kazakhstan, concerning the Destruction of Silo Launchers of Intercontinental Ballistic Missiles, Emergency Response, and the Prevention of Proliferation of Nuclear Weapons dated, December 13, 1993, Article XII.

“1. In the event that the United States of America awards contracts for the acquisition of material and services, including those related to construction, to implement this Agreement, such contracts shall be awarded in accordance with the laws and regulations of the United States of America. Acquisition of material and services in the Republic of Kazakhstan by or on behalf of the United States of America for implementing this Agreement shall not be subject to any fees, duties, additional taxed, or similar charges imposed by national and local authorities, pursuant to any law or regulation of the Republic of Kazakhstan.

2. The provisions of paragraph 1 of this Article shall not prevent the Republic of Kazakhstan from awarding, using its own funds, any contract for the acquisition of material and services in connection with activities to implement this Agreement in accordance with the laws and regulations of the Republic of Kazakhstan.”

(END OF CLAUSE)

252.225-9003 UMBRELLA AGREEMENT AND CIAR - UKRAINE (MAR 2015)

Contractor shall comply and execute contract performance in accordance with the following excerpts from the relevant agreement between the United States of America and the Ukraine as well as Counterintelligence Awareness and Reporting (CIAR).

(a) Agreement between the Government of the United States of America and the Government of the Ukraine. Concerning Assistance to Ukraine in the Elimination of Strategic Nuclear Arms, and the Prevention of Proliferation of Weapons of Mass Destruction dated October 25, 1993, Article VI.

“(1) Ukraine shall, in respect of legal proceedings and claims, other than contractual claims, hold harmless and bring no legal proceedings against the United States of America and personnel, contractors, and contractors' personnel of the United States of America, for damage or loss of property owned by Ukraine, or death or injury to any personnel of Ukraine, arising out of activities related to work under this Agreement.

(2) Claims, other than contractual claims, by third parties for deaths, injuries, damages, or loss of property in Ukraine, arising out of the acts or omissions of any employees of the United States of America related to work under this Agreement, shall be the responsibility of Ukraine.

(3) The provisions of this Article shall not prevent the Parties from providing compensation in accordance with their national laws.”

(b) Agreement between the Government of the United States of America and the Government of the Ukraine. Concerning Assistance to Ukraine in the Elimination of Strategic Nuclear Arms, and the Prevention of Proliferation of Weapons of Mass Destruction dated October 25, 1993, Article VIII.

“(1) The United States of America, its personnel, contractors, and contractors' personnel shall be exempt from liability, in connection with activities under this Agreement, for payment of any tax or similar charges assessed on the territory of Ukraine.

(2) The United States of America, its personnel, contractors, and contractors' personnel may import into Ukraine any material which is required to implement this Agreement, and may export this same material out of Ukraine. The United States of America, its personnel, contractors, and contractors' personnel may also acquire in Ukraine and export any material which the Parties agree is required to implement this Agreement. All such imported and exported material shall not be subject to licensing, or other restrictions, customs fees, taxes, or all types of other charges assessed on the territory of Ukraine, and at entry, shall be free of customs inspections.

(3) The obligations of Ukraine under this Article shall remain in force for the duration of this Agreement, and for the period of time thereafter required for the completion in the shortest possible time of activities initiated under this Agreement.”

(c) Agreement between the Government of the United States of America and the Government of the Ukraine. Concerning Assistance to Ukraine in the Elimination of Strategic Nuclear Arms, and the Prevention of Proliferation of Weapons of Mass Destruction dated October 25, 1993, Article IX.

“In the event that the United States of America awards contracts for the acquisition of material and services, including construction, to implement this Agreement, such contracts shall be awarded in accordance with the laws and regulations of the United States of America. Acquisition of material and

services in Ukraine by the United States of America for implementing this Agreement shall not be subject to any taxes, fees, duties, or similar charges on the territory of Ukraine, nor shall such taxes, fees, duties, or charges be passed on to the United States of America by any entity acquiring material or services for the United States of America in Ukraine."

(d) Counterintelligence Awareness and Reporting (CIAR) - The contractor shall comply with the requirements outlined in Department of Defense Directive (DoDD) 5240.06 Counterintelligence Awareness and Reporting (CIAR). DoDD 5240.06 applies to all US personnel performing work in Ukraine on behalf of the Department of Defense.

(END OF CLAUSE)

252.232-7003 ELECTRONIC SUBMISSION OF PAYMENT REQUESTS AND RECEIVING REPORTS (DEC 2018)

(a) Definitions. As used in this clause--

Contract financing payment means an authorized Government disbursement of monies to a contractor prior to acceptance of supplies or services by the Government.

(1) Contract financing payments include--

(i) Advance payments;

(ii) Performance-based payments;

(iii) Commercial advance and interim payments;

(iv) Progress payments based on cost under the clause at Federal Acquisition Regulation (FAR) 52.232-16, Progress Payments;

(v) Progress payments based on a percentage or stage of completion (see FAR 32.102(e)), except those made under the clause at FAR 52.232-5, Payments Under Fixed-Price Construction Contracts, or the clause at FAR 52.232-10, Payments Under Fixed-Price Architect-Engineer Contracts; and

(vi) Interim payments under a cost reimbursement contract, except for a cost reimbursement contract for services when Alternate I of the clause at FAR 52.232-25, Prompt Payment, is used.

(2) Contract financing payments do not include--

(i) Invoice payments;

(ii) Payments for partial deliveries; or

(iii) Lease and rental payments.

Electronic form means any automated system that transmits information electronically from the initiating system to affected systems.

Invoice payment means a Government disbursement of monies to a contractor under a contract or other authorization for supplies or services accepted by the Government.

(1) Invoice payments include--

- (i) Payments for partial deliveries that have been accepted by the Government;
  - (ii) Final cost or fee payments where amounts owed have been settled between the Government and the contractor;
  - (iii) For purposes of subpart 32.9 only, all payments made under the clause at 52.232-5, Payments Under Fixed-Price Construction Contracts, and the clause at 52.232-10, Payments Under Fixed-Price Architect-Engineer Contracts; and
  - (iv) Interim payments under a cost-reimbursement contract for services when Alternate I of the clause at 52.232-25, Prompt Payment, is used.
- (2) Invoice payments do not include contract financing payments.

Payment request means any request for contract financing payment or invoice payment submitted by the Contractor under this contract or task or delivery order.

Receiving report means the data prepared in the manner and to the extent required by Appendix F, Material Inspection and Receiving Report, of the Defense Federal Acquisition Regulation Supplement.

(b) Except as provided in paragraph (d) of this clause, the Contractor shall submit payment requests and receiving reports in electronic form using Wide Area WorkFlow (WAWF). The Contractor shall prepare and furnish to the Government a receiving report at the time of each delivery of supplies or services under this contract or task or delivery order.

(c) Submit payment requests and receiving reports to WAWF in one of the following electronic formats:

- (1) Electronic Data Interchange.
- (2) Secure File Transfer Protocol.
- (3) Direct input through the WAWF website.

(d) The Contractor may submit a payment request and receiving report using methods other than WAWF only when-

(1) The Contractor has requested permission in writing to do so, and the Contracting Officer has provided instructions for a temporary alternative method of submission of payment requests and receiving reports in the contract administration data section of this contract or task or delivery order;

(2) DoD makes payment for commercial transportation services provided under a Government rate tender or a contract for transportation services using a DoD-approved electronic third party payment system or other exempted vendor payment/invoicing system (e.g., PowerTrack, Transportation Financial Management System, and Cargo and Billing System);

(3) DoD makes payment on a contract or task or delivery order for rendered health care services using the TRICARE Encounter Data System; or

(4) The Governmentwide commercial purchase card is used as the method of payment, in which case submission of only the receiving report in WAWF is required.

(e) Information regarding WAWF is available at <https://wawf.eb.mil>.

(f) In addition to the requirements of this clause, the Contractor shall meet the requirements of the appropriate payment clauses in this contract when submitting payment requests.

(End of clause)

252.237-9001 - Enterprise-wide Contractor Manpower Reporting Application (Nov 2017)

(a) In accordance with Section 2330a of title 10, United States Code (10 USC 2330a), Contractors shall report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract via a secure data collection site. The contractor shall completely fill in all required data fields using the following web address: <http://www.ecmra.mil/>.

(b) Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year, beginning with 2013. Contractors may direct questions to the help desk at: <http://www.ecmra.mil/>.

(End of Clause)

Section J - List of Documents, Exhibits and Other Attachments

Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Attachment 1	Revised SOW	24	26-OCT-2021





UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2114**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

[itra.belvoir.DA-7.mbx.cbep-training@mail.mil](mailto:itra.belvoir.DA-7.mbx.cbep-training@mail.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** Black & Veatch Ukraine (UP)

**Instructor(s) Name and Email:** (b)(6)

**Course Information**

**Date Submitted to CBEP:** 2018.04.06

**List Course Number(s) and Name(s):**

Pathogen Asset Control System v5 Administration TRNHAS-00158;  
CIT12-T01 PACS Administrating;  
Pathogen Asset Control System v5 Usage, TRNHAS-00157;  
CIT11-T01 PACS Using;

**Type of Training:** Initial

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c  
(b)(3):10 USC 130c

**Start Date:** 2018.05.21

**End Date:** 2018.05.24

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Translation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for an Interpretation Request Form)  No

**Integrating Contractor Logistic Support:**

(e.g., purchase items, training venues, translation, interpretation, and trainee coordination)

**CTR Logistics Support (CLS):** \*\* Complete CLS form and submit via email to the Country Manager and the Travel Team: [dtra.bsl.v.a.137.cisr@travel.team@mail.mil](mailto:dtra.bsl.v.a.137.cisr@travel.team@mail.mil)\*\*

(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

1. Wooden Frames for Certificates to fit A4 format certificates (9 pieces).
2. Coffee breaks: Participants will need coffee breaks (morning at 10:00 AM and afternoon at 3:00 PM) (9 persons).

**Justification:**

It is expected and customary in Ukraine for coffee breaks to be provided for all-day trainings. Coffee-breaks usually last about 15 minutes and there is not ample time for trainees to leave the facility and re-enter to have a coffee-breaks. Additionally, leaving the facility for coffee-breaks will disrupt training activities.

The Pathogen Asset Control System (PACS) improves the accountability of pathogens of security concern at partner facilities, which enhances biosafety and biosecurity for the nonproliferation of biological weapons of mass destruction (WMD). PACS is provided to our partner nations in response to the core mission of 13CTB to support the non-proliferation of biological WMD. PACS training participation with provided coffee breaks is necessary to obtain the full benefit of the event and ensure the U.S. Government's investment will lead to a successful campaign in preventing the proliferation of biological WMD as well as complying with 39 Comp. Gen. 119 (1959).

**PO:** (b)(6)  
**Tel:** [Redacted]

(b)(5)  
[Redacted]

**Approved by Country Manager or Designee:**

**Comments:**



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Participant Information**

	First and last name	Nationality	Position	Place of Duty
1.	(b)(6)	Ukrainian	Acting Head of the Sector, Laboratory of Virology	(b)(3):10 USC 130c
2.	(b)(6)	Ukrainian	Leading Scientist Laboratory of Virology	(b)(3):10 USC 130c
3.	(b)(6)	Ukrainian	Head of the Laboratory for the study of pigs diseases	(b)(3):10 USC 130c
4.	(b)(6)	Ukrainian	Leading researcher, Pigs Research Laboratory	(b)(3):10 USC 130c
5.	(b)(6)	Ukrainian	Head upa Laboratory for Biosafety, Quality Management and Metrology	(b)(3):10 USC 130c
6.	(b)(6)	Ukrainian	Leading Metrology Engineer, Laboratory for Biosafety, Quality Management and Metrology	(b)(3):10 USC 130c
7.	(b)(6)	Ukrainian	Acting Head of the Department, Department of Molecular Diagnostics and Control	(b)(3):10 USC 130c
8.	(b)(6)	Ukrainian	Postgraduate of Department of Molecular Diagnostics and Control	(b)(3):10 USC 130c

(b)(3):10 USC 130c



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2115**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

[dmr.btkv@DA-7.mbx.cbep-training@usmail.mil](mailto:dmr.btkv@DA-7.mbx.cbep-training@usmail.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTTRIC/Government Collaborator's Name and Country Code:** Black & Veatch Ukraine (UP)

**Instructor(s) Name and Email:** (b)(6)

**Course Information**

**Date Submitted to CBEP:** 2018.04.06

**List Course Number(s) and Name(s):**

Pathogen Asset Control System v5 Administration TRNHAS-00158;  
CIT12-T01 PACS Administrating;  
Pathogen Asset Control System v5 Usage, TRNHAS-00157;  
CIT11-T01 PACS Using;

**Type of Training:** Initial

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

(b)(3):10 USC 130c

**Start Date:** 2018.05.15

**End Date:** 2018.05.18

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

(b)(5)





**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Participant Information**

First and last name	Nationality	Position	Place of Duty
1. (b)(6)	Ukrainian	Head of the Laboratory of Biotechnology	(b)(3):10 USC 130c
2.	Ukrainian	Acting Head of the sector of Department of Bird Diseases	
3.	Ukrainian	Head of the laboratory for the study of bird diseases	
4.	Ukrainian	Acting Senior Researcher, Department of the Study of avian diseases	
5.	Ukrainian	Head of the Laboratory for the Study of Tuberculosis and Brucellosis	
6.	Ukrainian	Leading Researcher, Department for the Study of TB and Brucellosis	
7.	Ukrainian	Head of the Laboratory for the Study of Tuberculosis and Brucellosis	
8.	Ukrainian	Junior researcher, department for the study of tuberculosis and brucellosis	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2116**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

ltra.belvoir.13-7.mbx.cbep-training@nmail.mil

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** Black & Veatch Ukraine (UP)

**Instructor's Name and Email:** (b)(6)

**Course Information**

**Date Submitted to CBEP:** 2018.04.06

**List Course Number(s) and Name(s):**

Pathogen Asset Control System v5 Administration TRNHAS-00158;  
CIT12-T01 PACS Administrating;  
Pathogen Asset Control System v5 Usage, TRNHAS-00157;  
CIT11-T01 PACS Using;

**Type of Training:** On-the-Job Training

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c  
(b)(3):10 USC 130c

**Start Date:** 2018.05.25

**End Date:** 2018.06.05

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Translation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for an Interpretation Request Form)  No

**Integrating Contractor Logistic Support:**

(e.g., purchase items, training venues, translation, interpretation, and trainee coordination)

**CTR Logistics Support (CLS):** \*\* Complete CLS form and submit via email to the Country Manager and the Travel Team: Country Manager, USA, and the Travel Team

(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**





**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Participant Information**

First and last name	Nationality	Position	Place of Duty
(b)(6)	Ukrainian	Postgraduate of Department of Molecular Diagnostics and Control	(b)(3):10 USC 130c
	Ukrainian	Acting Head of the sector of Department of Bird Diseases	
	Ukrainian	Head of the Laboratory of Biotechnology	
	Ukrainian	Acting Senior Researcher, Department of the Study of avian diseases	
	Ukrainian	Head of the Laboratory for the Study of Tuberculosis and Brucellosis	
	Ukrainian	Leading Researcher, Department for the Study of TB and Brucellosis	
	Ukrainian	Head of the Laboratory for the Study of Tuberculosis and Brucellosis	
	Ukrainian	junior researcher, department for the study of tuberculosis and brucellosis	
	Ukrainian	Acting Head of the Sector, Laboratory of Virology	
	Ukrainian	Leading Scientist Laboratory of Virology	
	Ukrainian	Head of the Laboratory for the study of pigs diseases	

(b)(5)



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

(b)(3):10 USC 130c	Ukrainian	Leading researcher, Pigs Research Laboratory	(b)(3):10 USC 130c
	Ukrainian	Head of Laboratory for Biosafety, Quality Management and Metrology	
	Ukrainian	Leading Metrology Engineer, Laboratory for Biosafety, Quality Management and Metrology	
	Ukrainian	Acting Head of the Department, Department of Molecular Diagnostics and Control	
	Ukrainian	Head of the laboratory for the study of bird diseases	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2130 - UP**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:  
[dtra.belvoir.13-7.mbx.cbep-training@mail.mil](mailto:dtra.belvoir.13-7.mbx.cbep-training@mail.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** Black & Veatch Ukraine (UP)

**Instructor's Name and Email:** (b)(5)

**Course Information**

**Date Submitted to CBEP:** 2018.04.06

**List Course Number(s) and Name(s):**

Pathogen Asset Control System v5 Administration TRNHAS-00158;  
CIT12-T01 PACS Administrating;  
Pathogen Asset Control System v5 Usage, TRNHAS-00157;  
CIT11-T01 PACS Using;

**Type of Training:** On-the-Job Training

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

**Start Date:** 2018.07.02

**End Date:** 2018.07.12

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Translation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for an Interpretation Request Form)  No

**Integrating Contractor Logistic Support:**

(e.g., purchase items, training venues, translation, interpretation, and trainee coordination)

**CTR Logistics Support (CLS):** \*\* Complete CLS form and submit via email to the Country Manager and the Travel Team: [dtra.dctr@fda.dia.mil](mailto:dtra.dctr@fda.dia.mil) **\*\***

(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

(b)(5)



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Participant Information**

First and last name	Nationality	Position	Place of Duty
(b)(6)	Ukrainian	Head of the laboratory for the study of anthrax	(b)(3):10 USC 130c
	Ukrainian	Senior Research Scientist, Laboratory of Mycotoxicology	
	Ukrainian	leading veterinarian, laboratory of mycotoxicology	
	Ukrainian	Junior Researcher, Laboratory of leptospirosis	
	Ukrainian	Junior Researcher, Laboratory of leptospirosis	
	Ukrainian	researcher, Laboratory of the study of anthrax	
	Ukrainian	laboratory assistant, Neuroinfection Laboratory	
	Ukrainian	Junior Researcher, Neuroinfection Laboratory	
	Ukrainian	Head of the laboratory for the study of anthrax	
	Ukrainian	Senior Research Scientist, Laboratory of Mycotoxicology	
	Ukrainian	leading veterinarian, laboratory of mycotoxicology	
	Ukrainian	Junior Researcher, Laboratory of leptospirosis	
Ukrainian	Junior Researcher, Laboratory of leptospirosis		

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

14	(b)(6)	Ukrainian	researcher, Laboratory of the study of anthrax	(b)(3);10 USC 130c
15		Ukrainian	laboratory assistant, Neuroinfection Laboratory	
16		Ukrainian	Junior Researcher, Neuroinfection Laboratory	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2131 -UP**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:  
[lrn.belvoir.13-7.mbx.cbep-training@mail.mil](mailto:lrn.belvoir.13-7.mbx.cbep-training@mail.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** Black & Veatch Ukraine (UP)

**Instructor(s) Name and Email:** (b)(6)

**Course Information**

**Date Submitted to CBEP:** 2018.04.06

**List Course Number(s) and Name(s):**

Pathogen Asset Control System v5 Administration TRNHAS-00158;  
CIT12-T01 PACS Administrating;  
Pathogen Asset Control System v5 Usage, TRNHAS-00157;  
CIT11-T01 PACS Using;

**Type of Training:** Initial

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

**Start Date:** 2018.06.19

**End Date:** 2018.06.22

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

(b)(5)



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Translation Services Provided by DTRA:**  
 Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**  
 Yes (If Yes, specify language and ask COR for an Interpretation Request Form)  No

**Integrating Contractor Logistic Support:**  
 (e.g., purchase items, training venues, translation, interpretation, and trainee coordination)

**CTR Logistics Support (CLS):** \*\* Complete CLS form and submit via email to the Country Manager and the Travel Team: [for.below.is.last.pct-travel-team.mil](mailto:for.below.is.last.pct-travel-team@man.mil) \*\*  
 (e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

(b)(5)

**Participant Information**

	First and last name	Nationality	Position	Place of Duty
1.	(b)(6)	Ukrainian	Head of the laboratory for the study of anthrax	(b)(3); 10 USC 130c
2.		Ukrainian	Senior Research Scientist, Laboratory of Mycotoxicology	
3.		Ukrainian	leading veterinarian, laboratory of mycotoxicology	
4.		Ukrainian	Junior Researcher, Laboratory of leptospirosis	
5.		Ukrainian	Junior Researcher, Laboratory of leptospirosis	





UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

6.	(b)(6)	Ukrainian	researcher, Laboratory of the study of anthrax	(b)(3):10 USC 130c
7.		Ukrainian	laboratory assistant, Neuroinfection Laboratory	
8.		Ukrainian	Junior Researcher, Neuroinfection Laboratory	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2132**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

lra.belvoir.13-7.mbx.cbep-training@mail.mil.

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** Black & Veatch Ukraine (UP)

**Instructor(s) Name and Email:** (b)(6)

**Course Information**

**Date Submitted to CBEP:** 2018.04.06

**List Course Number(s) and Name(s):**

Pathogen Asset Control System v5 Administration TRNHAS-00158;  
CIT12-T01 PACS Administrating;  
Pathogen Asset Control System v5 Usage, TRNHAS-00157;  
CIT11-T01 PACS Using;

**Type of Training:** Initial

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

**Start Date:** 2018.06.25

**End Date:** 2018.06.29

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Translation Services Provided by DTRA:**  
 Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**  
 Yes (If Yes, specify language and ask COR for an Interpretation Request Form)  No

**Integrating Contractor Logistic Support:**  
 (e.g., purchase items, training venues, translation, interpretation, and trainee coordination)

**CTR Logistics Support (CLS):** \*\* Complete CLS form and submit via email to the Country Manager and the Travel Team: [ira.bclivov.13@st.jct-travel-team@naa.mil](mailto:ira.bclivov.13@st.jct-travel-team@naa.mil) \*\*  
 (e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

**Commented [SNEC3]:** Recommend for redaction, FOIA Exemption: b(6) Personal Privacy

**Participant Information**

First and last name	Nationality	Position	Place of Duty
1. (b)(6)	Ukrainian	Senior Researcher, Laboratory of Anaerobic Infections	(b)(3):10 USC 130c
2.	Ukrainian	Leading Researcher, Laboratory of Anaerobic Infections	
3.	Ukrainian	Senior Researcher, Laboratory of Anaerobic Infections	
4.	Ukrainian	Researcher, Laboratory of anaerobic infections	
5.	Ukrainian	leading veterinarian, Laboratory of Anaerobic Infections	
6.	Ukrainian	Senior Researcher, Laboratory of Bacterial Animal Diseases	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

7.	(b)(6)		Ukrainian	leading veterinarian, Laboratory of bacterial animal diseases	IVM
8.			Ukrainian	leading veterinarian, Laboratory of bacterial animal diseases	IVM

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2148**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

[ltira.bclv@on.dia-7.mbx.cbep-training@usmail.mil](mailto:ltira.bclv@on.dia-7.mbx.cbep-training@usmail.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** Black & Veatch Ukraine (UP)

**Instructor(s) Name and Email:**

(b)(6)

(b)(5)

**Course Information**

**Date Submitted to CBEP:** 2018-07-03

**List Course Number(s) and Name(s):**

Pathogen Asset Control System v5 Administration TRNHAS-00158;  
CIT12-T01 PACS Administrating;  
Pathogen Asset Control System v5 Usage, TRNHAS-00157;  
CIT11-T01 PACS Using;

**Type of Training:** On-the-Job Training

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

(b)(3):10 USC 130c

**Start Date:** 2018-07-30

**End Date:** 2018-07-31

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

Yes  No \*\* If No, include training material for PA approval. \*\*

**Translation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for an Interpretation Request Form)  No

**Integrating Contractor Logistic Support:**

(e.g., purchase items, training venues, translation, interpretation, and trainee coordination)

**CTR Logistics Support (CLS):** \*\* Complete CLS form and submit via email to the Country Manager

and the Travel Team: [dtra.bsl@cr.13-7.afst.j3at.mcclellan.af.mil](mailto:dtra.bsl@cr.13-7.afst.j3at.mcclellan.af.mil) \*\*  
(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

(b)(5)

**Approved by Country Manager or Designee:**

**Comments:**



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Participant Information**

	First and last name	Nationality	Position	Place of Duty
1	(b)(6); (b)(3); 10 USC 130c	Ukrainian	Head of the National Center for strains of microorganisms	(b)(3); 10 USC 130c
2		Ukrainian	Head of the sector of development of technologies of lyophilization and storage of strains of microorganisms	
3		Ukrainian	The controller of the sector of development of technologies of lyophilization and storage of strains of microorganisms	
4		Ukrainian	Junior researcher of biotechnology and quality control viral drugs	
5		Ukrainian	Head of the department of bacteriological research and quality control of the VID	
6		Ukrainian	Acting Head of the sector of maintaining reference cultures of microorganisms	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2161**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

[ltra.belvoir.DA-7.mbx.cbep-training@mail.mil](mailto:ltra.belvoir.DA-7.mbx.cbep-training@mail.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** Black & Veatch Ukraine (UP)

**Instructor(s) Name and Email:** (b)(6)

**Course Information**

**Date Submitted to CBEP:** 2018-07-17

**List Course Number(s) and Name(s):**

Pathogen Asset Control System v5 Administration TRNHAS-00158;  
CIT12-T01 PACS Administrating;  
Pathogen Asset Control System v5 Usage, TRNHAS-00157;  
CIT11-T01 PACS Using;

**Type of Training:** On-the-Job Training

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3);10 USC 130c

**Start Date:** 2018-08-21

**End Date:** 2018-08-22

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

(b)(5)





UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Translation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for an Interpretation Request Form)  No

**Integrating Contractor Logistic Support:**

(e.g., purchase items, training venues, translation, interpretation, and trainee coordination)

**CTR Logistics Support (CLS):** \*\* Complete CLS form and submit via email to the Country Manager and the Travel Team: [dnr.betvor.j3-7.1stj3ct-travel-team@ema6.mil](mailto:dnr.betvor.j3-7.1stj3ct-travel-team@ema6.mil) \*\*

(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

(b)(5)

**Approved by Country Manager or Designee:**

**Comments:**



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Participant Information**

First and last name	Nationality	Position	Place of Duty
1. (b)(6)	Ukrainian	Bacteriologist reference laboratory for diagnosis of EDP	(b)(3):10 USC 130c
2.	Ukrainian	Head of the reference laboratory for the diagnosis of ONP	
3.	Ukrainian	Doctor-virologist of virology reference laboratory	
4.	Ukrainian	Head of the microbiological reference laboratory	
5.	Ukrainian	Head of Virology Reference Laboratory	
6.	Ukrainian	Bacteriologist of the microbiological reference laboratory	
7.	Ukrainian	Doctor-virologist of virology reference laboratory	
8.	Ukrainian	Bacteriologist Microbiology Reference Laboratory	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2173**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

[ira.bclvour.p1.mbx.cbep-training@ic.mil](mailto:ira.bclvour.p1.mbx.cbep-training@ic.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** B&V - UP

**Instructor(s) Name and Email:** (b)(6)

(b)(6)

**Course Information**

**Date Submitted to CBEP:** 20180810

**List Course Number(s) and Name(s):**

P.2 - PACS Administrating (CIT12-T01)

**Type of Training:** On-the-job (OJT)

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

(b)(3):10 USC 130c

**Start Date:** 20180925

**End Date:** 20180927

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

(b)(5)



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Translation Services Provided by DTRA:**  
 Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**  
 Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Integrating Contractor Logistic Support:**  
 (e.g., purchase items, training venues, translation, interpretation, and trainee coordination)  
 Not required

**CTR Logistics Support (PLS):** \*\* Complete PLS form and submit via email to the Country Manager and the A&AS Project Lead  
 (e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

**Participant Information**

Last, First, MI	Nationality	Position	Place of Duty
(b)(6)	Ukrainian	Postgraduate of Department of Molecular Diagnostics and Control	(b)(3); 10 USC 130c
	Ukrainian	Acting Head of the sector of Department of Bird Diseases	
	Ukrainian	Head of the Laboratory of Biotechnology	
	Ukrainian	Acting Senior Researcher, Department of the Study of avian diseases	
	Ukrainian	Head of the Laboratory for the Study of Tuberculosis and Brucellosis	
	Ukrainian	Leading Researcher, Department for the Study of TB and Brucellosis	
	Ukrainian	Head of the Laboratory for the Study of Tuberculosis and Brucellosis	

(b)(5)

CBEP Training Event Plan (August 2018)

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**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

(b)(6)	Ukrainian	Junior researcher, department for the study of tuberculosis and brucellosis	(b)(3):10 USC 130c
	Ukrainian	Acting Head of the Sector, Laboratory of Virology	
	Ukrainian	Leading Scientist Laboratory of Virology	
	Ukrainian	Head of the Laboratory for the study of pigs diseases	
	Ukrainian	Leading researcher, Pigs Research Laboratory	
	Ukrainian	Head of Laboratory for Biosafety, Quality Management and Metrology	
	Ukrainian	Leading Metrology Engineer, Laboratory for Biosafety, Quality Management and Metrology	
	Ukrainian	Acting Head of the Department, Department of Molecular Diagnostics and Control	
	Ukrainian	Head of the laboratory for the study of bird diseases	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2181**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

dtra.belvoir.pi.mbx.cbep-training@mail.mil

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** (b)(6)

(b)(6)

**Course Information**

**Date Submitted to CBEP:** 20180903

**List Course Number(s) and Name(s):** P.2 - PACS Administrating (CIT12-T01)

**Type of Training:** On-the-job (OJT)

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

(b)(3):10 USC 130c

**Start Date:** 20181004

**End Date:** 20181005

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Translation Services Provided by DTRA:**

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Integrating Contractor Logistic Support:**

(e.g., purchase items, training venues, translation, interpretation, and trainee coordination)  
Not required

**CTR Logistics Support (PLS):** \*\* Complete PLS form and submit via email to the Country Manager and the A&AS Project Lead

(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

(b)(5)



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Participant Information**

Last, First, MI	Nationality	Position	Place of Duty
(b)(6)	Ukrainian	Research Scientist of the Microbiology Laboratory	(b)(3):10 USC 130c
	Ukrainian	Laboratory assistant of the Microbiology Laboratory	
	Ukrainian	Head of the Diphtheria Laboratory	
	Ukrainian	Junior Research Scientist of the Diphtheria Laboratory	
	Ukrainian	Head of the Rickettsiosis Laboratory	
	Ukrainian	Lead Research Scientist of the Q-Fever Laboratory	
	Ukrainian	Senior Research Scientist of the TVI Laboratory	
	Ukrainian	Senior Research Scientist of the TVI Laboratory	
	Ukrainian	Research Scientist of the Rickettsiosis Laboratory	
	Ukrainian	Research Scientist of the Rickettsiosis Laboratory	

(b)(5)





UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2208**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

[llra.belvoir.p.mbx.cbep-training@icmaail.mil](mailto:llra.belvoir.p.mbx.cbep-training@icmaail.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** B&V - UA

(b)(6)

**Course Information**

**Date Submitted to CBEP:** 20181016

**List Course Number(s) and Name(s):** P.2 - PACS Administrating (CIT12-T01)

**Type of Training:** On-the-job (OJT)

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

(b)(3):10 USC 130c

**Start Date:** 20181030

**End Date:** 20181031

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Translation Services Provided by DTRA:**  
 Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**  
 Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Integrating Contractor Logistic Support:**  
 (e.g., purchase items, training venues, translation, interpretation, and trainee coordination)  
 Not required

**CTR Logistics Support (PLS):** \*\* Complete PLS form and submit via email to the Country Manager and the A&AS Project Lead  
 (e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

**Participant Information**

Last, First, MI	Nationality	Position	Place of Duty
(b)(6)	Ukrainian	Head of the National Center for strains of microorganisms	(b)(3):10 USC 130c
	Ukrainian	Head of the sector of development of technologies of lyophilization and storage of strains of microorganisms	
	Ukrainian	The controller of the sector of development of technologies of lyophilization and storage of strains of microorganisms	
	Ukrainian	Junior researcher of biotechnology and quality control viral drugs	
	Ukrainian	Head of the sector of maintaining reference cultures of microorganisms	
	Ukrainian	Researcher of the sector of maintaining reference cultures of microorganisms	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2211**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

[lira.belvoir.pl.mbx.cbep-training@mail.mil](mailto:lira.belvoir.pl.mbx.cbep-training@mail.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** B&V - UA

(b)(6)

**Course Information**

**Date Submitted to CBEP:** 20181105

**List Course Number(s) and Name(s):** P.2 - PACS Administrating (CIT12-T01)

**Type of Training:** On-the-job (OJT)

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

**Start Date:** 20181128

**End Date:** 20181129

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Translation Services Provided by DTRA:**

(b)(5)



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Integrating Contractor Logistic Support:**

(e.g., purchase items, training venues, translation, interpretation, and trainee coordination)  
 Not required

**CTR Logistics Support (PLS):** \*\* Complete PLS form and submit via email to the Country Manager and the A&AS Project Lead

(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

(b)(5)

**Participant Information**

Last, First, MI	Nationality	Position	Place of Duty
1. (b)(6)	Ukrainian	Bacteriologist reference laboratory for diagnosis of EDP	(b)(3):10 USC 130c
2.	Ukrainian	Head of the reference laboratory for the diagnosis of ONP	
3.	Ukrainian	Doctor-virologist of virology reference laboratory	
4.	Ukrainian	Head of the microbiological reference laboratory	
5.	Ukrainian	Head of Virology Reference Laboratory	
6.	Ukrainian	Doctor-virologist of virology reference laboratory	
7.	Ukrainian	Bacteriologist Microbiology Reference Laboratory	



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**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2222**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

[tra.belvoir.pl.mbx.cbep-training@mil.mil](mailto:tra.belvoir.pl.mbx.cbep-training@mil.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** B&V - UA

(b)(6)

**Course Information**

**Date Submitted to CBEP:** 20181121

**List Course Number(s) and Name(s):** P.2 - PACS Administrating (CIT12-T01)

**Type of Training:** On-the-job (OJT)

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

**Start Date:** 20181211

**End Date:** 20181213

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Translation Services Provided by DTRA:**

(b)(5)



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**  
 Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Integrating Contractor Logistic Support:**  
 (e.g., purchase items, training venues, translation, interpretation, and trainee coordination)  
 Not required

**CTR Logistics Support (PLS):** \*\* Complete PLS form and submit via email to the Country Manager and the A&AS Project Lead  
 (e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

**Participant Information**

First and last name	Nationality	Position	Place of Duty
1 (b)(6)	Ukrainian	Head of the laboratory for the study of anthrax	(b)(3):10 USC 130c
2	Ukrainian	Senior Research Scientist, Laboratory of Mycotoxicology	
3	Ukrainian	Leading veterinarian, laboratory of mycotoxicology	
4	Ukrainian	Junior Researcher, Laboratory of leptospirosis	
5	Ukrainian	Junior Researcher, Laboratory of leptospirosis	
6	Ukrainian	Researcher, Laboratory of the study of anthrax	

(b)(5)



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**Training Event Plan**  
**Cooperative Threat Reduction (CTR)**

7	(b)(6)	Ukrainian	laboratory assistant, Neuroinfection Laboratory	(b)(3):10 USC 130c
8		Ukrainian	Junior Researcher, Neuroinfection Laboratory	
9		Ukrainian	Head of the laboratory for the study of anthrax	
1		Ukrainian	Senior Research Scientist, Laboratory of Mycotoxicology	
1		Ukrainian	Leading veterinarian, laboratory of mycotoxicology	
1		Ukrainian	Junior Researcher, Laboratory of leptospirosis	
1		Ukrainian	Junior Researcher, Laboratory of leptospirosis	
1		Ukrainian	Researcher, Laboratory of the study of anthrax	
1		Ukrainian	Laboratory assistant, Neuroinfection Laboratory	
1		Ukrainian	Junior Researcher, Neuroinfection Laboratory	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2223**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

[trt.belvor.pl.mbx.cbep-training@rmail.mil](mailto:trt.belvor.pl.mbx.cbep-training@rmail.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** B&V - UA

(b)(6)

**Course Information**

**Date Submitted to CBEP:** 20181122

**List Course Number(s) and Name(s):** P.2 - PACS Administrating (CIT12-T01)

**Type of Training:** On-the-job (OJT)

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

(b)(3):10 USC 130c

**Start Date:** 20181219

**End Date:** 20181221

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

(b)(5)





UNCLASSIFIED  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Translation Services Provided by DTRA:**  
 Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**  
 Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Integrating Contractor Logistic Support:**  
 (e.g., purchase items, training venues, translation, interpretation, and trainee coordination)  
 Not required

**CTR Logistics Support (PLS):** \*\* Complete PLS form and submit via email to the Country Manager and the A&AS Project Lead  
 (e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

(b)(5)

**Participant Information**

Last, First, MI	Nationality	Position	Place of Duty
(b)(6)	Ukrainian	Postgraduate of Department of Molecular Diagnostics and Control	(b)(3):10 USC 130c
	Ukrainian	Acting Head of the sector of Department of Bird Diseases	
	Ukrainian	Head of the Laboratory of Biotechnology	
	Ukrainian	Acting Senior Researcher, Department of the Study of avian diseases	
	Ukrainian	Head of the Laboratory for the Study of Tuberculosis and Brucellosis	
	Ukrainian	Leading Researcher, Department for the Study of TB and Brucellosis	
	Ukrainian	Head of the Laboratory for the Study of Tuberculosis and Brucellosis	
	Ukrainian	Junior researcher, department for the study of tuberculosis and brucellosis	



**UNCLASSIFIED**  
**Training Event Plan**  
**Cooperative Threat Reduction (CTR)**

(b)(6)	Ukrainian	Acting Head of the Sector, Laboratory of Virology	(b)(3);10 USC 130c
	Ukrainian	Leading Scientist Laboratory of Virology	
	Ukrainian	Leading researcher, Pigs Research Laboratory	
	Ukrainian	Head of Laboratory for Biosafety, Quality Management and Metrology	
	Ukrainian	Leading Metrology Engineer, Laboratory for Biosafety, Quality Management and Metrology	
	Ukrainian	Acting Head of the Department, Department of Molecular Diagnostics and Control	
	Ukrainian	Head of the laboratory for the study of bird diseases	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**

**Event #**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

[llra.bclvor.DA-7.mbx.cbep-training@mail.mil](mailto:llra.bclvor.DA-7.mbx.cbep-training@mail.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** Black & Veatch Ukraine (UP)

**Instructor(s) Name and Email:** (b)(6)

**Course Information**

**Date Submitted to CBEP:** 2018-02-27

**List Course Number(s) and Name(s):**

Pathogen Asset Control System v5 Administration TRNHAS-00158;  
CIT12-T01 PACS Administrating;  
Pathogen Asset Control System v5 Usage, TRNHAS-00157;  
CIT11-T01 PACS Using;

**Type of Training:** Initial

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

**Start Date:** 2018-04-24

**End Date:** 2018-04-30

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

(b)(5)



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**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Translation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for an Interpretation Request Form)  No

**Integrating Contractor Logistic Support:**

(e.g., purchase items, training venues, translation, interpretation, and trainee coordination)

**CTR Logistics Support (CLS):** \*\* Complete CLS form and submit via email to the Country Manager and the Travel Team: [forbelvo@j3ctb.dau.mil](mailto:forbelvo@j3ctb.dau.mil) and \*\*

(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food, and beverage). **Note:** Justification required for food and beverage at training events.

1. Coffee breaks and Lunches: Participants will be needing coffee breaks (morning at 10:00 AM and afternoon 3:00 PM) and lunches at 1:00 PM for participants (9 persons)
2. Wooden frames for Certificates to fit A4 format certificates (9 pieces)

**Justification:**

It is expected and customary in Ukraine for lunches and coffee breaks to be provided for all-day training. Coffee-breaks usually last about 15 minutes and there is not ample time for trainees to leave the facility and re-enter to have a coffee-breaks. Additionally, leaving the facility for obtaining lunch/coffee-breaks will disrupt training activities.

The Pathogen Asset Control System (PACS) improves the accountability of pathogens of security concern at partner facilities, which enhances biosafety and biosecurity for the nonproliferation of biological weapons of mass destruction (WMD). PACS is provided to our partner nations in response to the core mission of J3CTB to support the non-proliferation of biological WMD. PACS training participation with provided coffee breaks is necessary to obtain the full benefit of the event and ensure the U.S. Government's investment will lead to a successful campaign in preventing the proliferation of biological WMD as well as complying with 39 Comp. Gen. 119 (1959).

POC (b)(6)  
Phone number (b)(6)

**Approved by Country Manager or Designee:**

**Comments:**

(b)(5)



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Participant Information**

	First and last name	Nationality	Position	Place of Duty
1.	(b)(6)	Ukrainian	Bacteriologist reference laboratory for diagnosis of EDP	(b)(3):10 USC 130c
2.	(b)(6)	Ukrainian	Head of the reference laboratory for the diagnosis of ONP	(b)(6)
3.	(b)(6)	Ukrainian	Doctor-virologist of virology reference laboratory	(b)(6)
4.	(b)(6)	Ukrainian	Head of the microbiological reference laboratory	(b)(6)
5.	(b)(6)	Ukrainian	Head of Virology Reference Laboratory	(b)(6)
6.	(b)(6)	Ukrainian	Bacteriologist of the microbiological reference laboratory	(b)(6)
7.	(b)(6)	Ukrainian	Doctor-virologist of virology reference laboratory	(b)(6)
8.	(b)(6)	Ukrainian	Bacteriologist Microbiology Reference Laboratory	(b)(6)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**

**Event #**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

ultra.belvoir.D3-7.mbx.cbep-training@mail.mil

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** Black & Veatch Ukraine (UP)

**Instructor(s) Name and Email:** (b)(6)

**Course Information**

**Date Submitted to CBEP:** 2018-02-27

**List Course Number(s) and Name(s):**

Pathogen Asset Control System v5 Administration TRNHAS-00158;  
CIT12-T01 PACS Administrating;  
Pathogen Asset Control System v5 Usage, TRNHAS-00157;  
CIT11-T01 PACS Using;

**Type of Training:** On-the-Job Training

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

**Start Date:** 2018-05-03

**End Date:** 2018-05-08

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Translation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for an Interpretation Request Form)  No

**Integrating Contractor Logistic Support:**

(e.g., purchase items, training venues, translation, interpretation, and trainee coordination)

**CTR Logistics Support (CLS):** \*\* Complete CLS form and submit via email to the Country Manager and the Travel Team: [10a.bctv.c.ctr@stc.dcr-travel-team@mil](mailto:10a.bctv.c.ctr@stc.dcr-travel-team@mil) \*\*

(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

(b)(5)



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Participant Information**

	First and last name	Nationality	Position	Place of Duty
1	(b)(6)	Ukrainian	Bacteriologist reference laboratory for diagnosis of EDP	(b)(3); 10 USC 130c
2	(b)(6)	Ukrainian	Head of the reference laboratory for the diagnosis of ONP	(b)(3); 10 USC 130c
3	(b)(6)	Ukrainian	Doctor-virologist of virology reference laboratory	(b)(3); 10 USC 130c
4	(b)(6)	Ukrainian	Head of the microbiological reference laboratory	(b)(3); 10 USC 130c
5	(b)(6)	Ukrainian	Head of Virology Reference Laboratory	(b)(3); 10 USC 130c
6	(b)(6)	Ukrainian	Bacteriologist of the microbiological reference laboratory	(b)(3); 10 USC 130c
7	(b)(6)	Ukrainian	Doctor-virologist of virology reference laboratory	(b)(3); 10 USC 130c
8	(b)(6)	Ukrainian	Bacteriologist Microbiology Reference Laboratory	(b)(3); 10 USC 130c

(b)(5)





UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**

**Event #**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

lira.belvoir.13-7.mbx.cbep-training@mail.mil

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** Black & Veatch Ukraine (UP)

**Instructor(s) Name and Email:** (b)(6)

**Course Information**

**Date Submitted to CBEP:** 2018-02-27

**List Course Number(s) and Name(s):**

Pathogen Asset Control System v5 Administration TRNHAS-00158;  
CIT12-T01 PACS Administrating;  
Pathogen Asset Control System v5 Usage, TRNHAS-00157;  
CIT11-T01 PACS Using;

**Type of Training:** Initial

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

**Start Date:** 2018-04-10

**End Date:** 2018-04-13

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

(b)(5)



**UNCLASSIFIED**  
**Training Event Plan**  
**Cooperative Threat Reduction (CTR)**

**Translation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for an Interpretation Request Form)  No

**Integrating Contractor Logistic Support:**

(e.g., purchase items, training venues, translation, interpretation, and trainee coordination)

**CTR Logistics Support (CLS):** \*\* Complete CLS form and submit via email to the Country Manager and the Travel Team: [joa.bclivov.j3-7-1st.j3ctb-travel-team@mar.mil](mailto:joa.bclivov.j3-7-1st.j3ctb-travel-team@mar.mil)

(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food, and beverage). **Note:** Justification required for food and beverage at training events.

1. Coffee breaks and Lunches: Participants will be needing coffee breaks (morning at 10:00 AM and afternoon 3:00 PM) and lunches at 1:00 PM for participants (7 persons)
2. Wooden frames for Certificates to fit A4 format certificates (7 pieces)

**Justification:**

It is expected and customary in Ukraine for lunches and coffee breaks to be provided for all-day training. Coffee-breaks usually last about 15 minutes and there is not ample time for trainees to leave the facility and re-enter to have a coffee-breaks. Additionally, leaving the facility for obtaining lunch/coffee-breaks will disrupt training activities.

The Pathogen Asset Control System (PACS) improves the accountability of pathogens of security concern at partner facilities, which enhances biosafety and biosecurity for the nonproliferation of biological weapons of mass destruction (WMD). PACS is provided to our partner nations in response to the core mission of J3CTB to support the non-proliferation of biological WMD. PACS training participation with provided coffee breaks is necessary to obtain the full benefit of the event and ensure the U.S. Government's investment will lead to a successful campaign in preventing the proliferation of biological WMD as well as complying with 39 Comp. Gen. 119 (1959).

**POC:** (b)(6)

**Phone:**

**Approved by Country Manager or Designee:**

**Comments:**

(b)(5)



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Participant Information**

First and last name	Nationality	Position	Place of Duty
1 (b)(6)	Ukrainian	Head of the National Center for strains of microorganisms	(b)(3); 10 USC 130c
2	Ukrainian	Head of the sector of development of technologies of lyophilization and storage of strains of microorganisms	
3	Ukrainian	The controller of the sector of development of technologies of lyophilization and storage of strains of microorganisms	
4	Ukrainian	Junior researcher of biotechnology and quality control viral drugs	
5	Ukrainian	Head of the department of bacteriological research and quality control of the VID	
6	Ukrainian	acting Head of the sector of maintaining reference cultures of microorganisms	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**

**Event #**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

lira.belvoir.DA-7.mbx.cbep-training@ mail.mil.

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** Black & Veatch Ukraine (UP)

**Instructor(s) Name and Email:** (b)(6)

**Course Information**

**Date Submitted to CBEP:** 2018-02-27

**List Course Number(s) and Name(s):**

Pathogen Asset Control System v5 Administration TRNHAS-00158;  
CIT12-T01 PACS Administrating;  
Pathogen Asset Control System v5 Usage, TRNHAS-00157;  
CIT11-T01 PACS Using;

**Type of Training:** On-the-Job Training

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

(b)(3):10 USC 130c

**Start Date:** 2017-04-16

**End Date:** 2017-04-20

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Translation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for an Interpretation Request Form)  No

**Integrating Contractor Logistic Support:**

(e.g., purchase items, training venues, translation, interpretation, and trainee coordination)

**CTR Logistics Support (CLS):** \*\* Complete CLS form and submit via email to the Country Manager and the Travel Team: [ofra.belikov.137@stl.afet.travel.team@mil.mil](mailto:ofra.belikov.137@stl.afet.travel.team@mil.mil) \*\*

(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

(b)(5)



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Participant Information**

	First and last name	Nationality	Position	Place of Duty
1.	(b)(6)	Ukrainian	Head of the National Center for strains of microorganisms	(b)(3):10 USC 130c
2.		Ukrainian	Head of the sector of development of technologies of lyophilization and storage of strains of microorganisms	
3.		Ukrainian	The controller of the sector of development of technologies of lyophilization and storage of strains of microorganisms	
4.		Ukrainian	Junior researcher of biotechnology and quality control viral drugs	
5.		Ukrainian	Head of the department of bacteriological research and quality control of the VID	
6.		Ukrainian	acting Head of the sector of maintaining reference cultures of microorganisms	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2336**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

[ltra.belvoir.pi.mbx.cbep-training@ntail.mil](mailto:ltra.belvoir.pi.mbx.cbep-training@ntail.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** B&V - UA

(b)(6)

**Course Information**

**Date Submitted to CBEP:** 20190517

**List Course Number(s) and Name(s):** P.2 - PACS Administrating (CIT12-T01)

**Type of Training:** On-the-job (OJT)

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

**Start Date:** 20190611

**End Date:** 20190613

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Translation Services Provided by DTRA:**

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Integrating Contractor Logistic Support:**

(e.g., purchase items, training venues, translation, interpretation, and trainee coordination)  
Not required

**CTR Logistics Support (PLS):** \*\* Complete PLS form and submit via email to the Country Manager and the A&AS Project Lead

(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

(b)(5)





UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Participant Information**

<b>Last, First, MI</b>	<b>Nationality</b>	<b>Position</b>	<b>Place of Duty</b>
(b)(6)	Ukrainian	TBD	(b)(3):10 USC 130c
	Ukrainian	TBD	
	Ukrainian	TBD	
	Ukrainian	TBD	
	Ukrainian	TBD	
	Ukrainian	TBD	
	Ukrainian	TBD	
	Ukrainian	TBD	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2238**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

[cbep.training@mail.mil](mailto:cbep.training@mail.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** B&V - UA

(b)(6)

**Course Information**

**Date Submitted to CBEP:** 20181228

**List Course Number(s) and Name(s):** P.2 - PACS Administrating (CIT12-T01)

**Type of Training:** On-the-job (OJT)

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

**Start Date:** 20190122

**End Date:** 20190124

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Translation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Integrating Contractor Logistic Support:**

(e.g., purchase items, training venues, translation, interpretation, and trainee coordination)  
Not required

**CTR Logistics Support (PLS):** \*\* Complete PLS form and submit via email to the Country Manager and the A&AS Project Lead

(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

(b)(5)



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Participant Information**

Last, First, MI	Nationality	Position	Place of Duty
(b)(6)	Ukrainian	Laboratory assistant of the Microbiology Laboratory	(b)(3):10 USC 130c
	Ukrainian	Head of the Diphtheria Laboratory	
	Ukrainian	Junior Research Scientist of the Diphtheria Laboratory	
	Ukrainian	Research Scientist of the Rickettsiosis Laboratory	
	Ukrainian	Head of the Rickettsiosis Laboratory	
	Ukrainian	Lead Research Scientist of the Q-Fever Laboratory	
	Ukrainian	Research Scientist of the Q-Fever Laboratory	
	Ukrainian	Senior Research Scientist of the TVI Laboratory	
	Ukrainian	Senior Research Scientist of the TVI Laboratory	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2270**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event: [dtra.belvoir.pl.mbx.cbep-training@nmail.mil](mailto:dtra.belvoir.pl.mbx.cbep-training@nmail.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** B&V - UA

(b)(6)

**Course Information**

**Date Submitted to CBEP:** 20190305

**List Course Number(s) and Name(s):** P.2 - PACS Administrating (CIT12-T01)

**Type of Training:** Initial

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

**Start Date:** 20190314

**End Date:** 20190322

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Translation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

(b)(3):10 USC 130c



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Interpretation Services Provided by DTRA:**  
 Yes (If Yes, specify language and ask COR for an Interpretation Request Form)  No

**Integrating Contractor Logistic Support:**  
 (e.g., purchase items, training venues, translation, interpretation, and trainee coordination)

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**Approved by Country Manager or Designee:**

**Comments:**

**Participant Information**

Last, First, MI	Nationality	Position	Place of Duty
(b)(6)	Ukrainian	TBD	(b)(3);10 USC 130c
	Ukrainian	TBD	
	Ukrainian	TBD	
	Ukrainian	TBD	
	Ukrainian	TBD	
	Ukrainian	TBD	
	Ukrainian	TBD	
	Ukrainian	TBD	

(b)(3);10 USC 130c



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2271**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event: [dtra.belvoir.pi.mbx.cbep-training@mail.mil](mailto:dtra.belvoir.pi.mbx.cbep-training@mail.mil).

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** B&V - UA

(b)(6)

**Course Information**

**Date Submitted to CBEP:** 20190305

**List Course Number(s) and Name(s):** P.2 - PACS Administrating (CIT12-T01)

**Type of Training:** On-the-job (OJT)

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

**Start Date:** 20190325

**End Date:** 20190327

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Translation Services Provided by DTRA:**

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Integrating Contractor Logistic Support:**

(e.g., purchase items, training venues, translation, interpretation, and trainee coordination)  
 Not required

**CTR Logistics Support (PLS):** \*\* Complete PLS form and submit via email to the Country Manager and the A&AS Project Lead

(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

(b)(5)

**Participant Information**

Last, First, MI	Nationality	Position	Place of Duty
(b)(6)	Ukrainian	TBD	(b)(3):10 USC 130c
	Ukrainian	TBD	
	Ukrainian	TBD	
	Ukrainian	TBD	
	Ukrainian	TBD	
	Ukrainian	TBD	
	Ukrainian	TBD	





UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2297**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/CBEP Training Coordinator via email a minimum of 60 days prior to the event:

[ultra.belvoir.pf.mbx.cbep-training@nmail.mil](mailto:ultra.belvoir.pf.mbx.cbep-training@nmail.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:** B&V - UA

(b)(6)

(b)(5)

**Course Information**

**Date Submitted to CBEP:** 20190320

**List Course Number(s) and Name(s):** P.2 - PACS Administrating (CIT12-T01)

**Type of Training:** On-the-job (OJT)

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO9

**Location of Training:** (b)(3):10 USC 130c

**Start Date:** 20190403

**End Date:** 20190405

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Translation Services Provided by DTRA:**



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Integrating Contractor Logistic Support:**

(e.g., purchase items, training venues, translation, interpretation, and trainee coordination)  
 Not required

**CTR Logistics Support (PLS):** \*\* Complete PLS form and submit via email to the Country Manager and the A&AS Project Lead

(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

(b)(5)

**Participant Information**

First and last name	Nationality	Position	Place of Duty
1 (b)(6)	Ukrainian	Head of the laboratory for the study of anthrax	(b)(3);10 USC 130c
2	Ukrainian	Senior Research Scientist, Laboratory of Mycotoxicology	
3	Ukrainian	Leading veterinarian, Laboratory of Mycotoxicology	
4	Ukrainian	Junior Researcher, Laboratory of leptospirosis	
5	Ukrainian	Junior Researcher, Laboratory of leptospirosis	
6	Ukrainian	Researcher, Laboratory of the study of anthrax	
7	Ukrainian	laboratory assistant, Neuroinfection Laboratory	
8	Ukrainian	Senior Researcher, Laboratory of Anaerobic Infections	



**UNCLASSIFIED**  
**Training Event Plan**  
**Cooperative Threat Reduction (CTR)**

9.	(b)(6)	Ukrainian	Leading Researcher, Laboratory of Anaerobic Infections	(b)(3):10 USC 130c
10		Ukrainian	Senior Researcher, Laboratory of Anaerobic Infections	
11		Ukrainian	Researcher, Laboratory of anaerobic infections	
12		Ukrainian	Leading veterinarian, Laboratory of Anaerobic Infections	
13		Ukrainian	Senior Researcher, Laboratory of Bacterial Animal Diseases	
14		Ukrainian	Leading veterinarian, Laboratory of bacterial animal diseases	
15		Ukrainian	Leading veterinarian, Laboratory of bacterial animal diseases	
16		Ukrainian	Specialist of Sector of international relations and GIS	

(b)(5)



UNCLASSIFIED  
**Training Event Plan**  
Cooperative Threat Reduction (CTR)

**Part I: Training Event Plan (TEP)**  
**Event # 2735**

**Instructions**

In accordance with the Statement of Work (SOW), Task Order (TO), or Contract Data Requirements List (CDRL), all training events require a TEP. Submit the TEP to the Country Manager/BTRP Training Coordinator via email a minimum of 60 days prior to the event:

[ultra.belvoir.ct.mbx.ct-btrp-training@mail.mil](mailto:ultra.belvoir.ct.mbx.ct-btrp-training@mail.mil)

**NOTE:** Canceled events - Notify the training team via the email above.  
Rescheduled events - Send an updated TEP to the email above.

**BTRIC/Government Collaborator's Name and Country Code:**

Black & Veatch (b)(6)

**Course Information**

**Date Submitted to BTRP:** 20211109

**List Course Number(s) and Name(s):** CTF12-T01 PACS Administrating (OIT)

**Type of Training:** Refresher

**SOW/TO/CDRL:** EIDSS & PACS Implementation TO77

**Location of Training:** (b)(3):10 USC 130c

**Start Date:** 20211129

**End Date:** 20211130

**Estimated Cost:**

**Has the DTRA Public Affairs (PA) office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Has the Collaborator's PA office approved the training material?**

Yes  No \*\* If No, include training material for PA approval. \*\*

**Translation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for a Translation Request Form)  No

**Interpretation Services Provided by DTRA:**

Yes (If Yes, specify language and ask COR for an Interpretation Request Form)  No

(b)(5)



**UNCLASSIFIED**  
**Training Event Plan**  
 Cooperative Threat Reduction (CTR)

**Integrating Contractor Logistic Support: N/A**  
 (e.g., purchase items, training venues, translation, interpretation, and trainee coordination)

**CTR Logistics Support (PLS):** \*\* Complete PLS form and submit via email to the Country Manager and the A&AS Project Lead

(e.g., lodging, travel arrangements, ground transportation, airport pickup/drop-off, food and beverage). **Note:** Justification required for food and beverage at training events.

**Approved by Country Manager or Designee:**

**Comments:**

**Participant Information**

<b>Last, First, MI</b>	<b>Nationality</b>	<b>Position</b>	<b>Place of Duty</b>
(b)(6)	Ukrainian	Head of Avian Discases Lab	(b)(3):10 USC 130c
	Ukrainian	Head of Virology lab	
	Ukrainian	Head of genetics of microorganisms lab	

(b)(5)



**REPORT OF TRANSFER OF U.S. GOVERNMENT PROPERTY OWNERSHIP**  
**АКТ ПЕРЕДАЧІ ПРАВ ВЛАСНОСТІ УРЯДУ США**

**TOP-BVCO-0183**

This Act is concluded by the undersigned representatives of the Defense Threat Reduction Agency (DTRA) - Department of Defense of the United States of America and the (b)(3):10 USC 130c

(b)(3):10 USC 130c According to the report DTRA transfers the ownership of property specified in the inventory list attached and (b)(3):10 USC 130c acknowledges receipt on behalf of National Academy of Agrarian Sciences of Ukraine on the basis of the following references: Agreement Between the United States of America and Ukraine Concerning Assistance to Ukraine in the Elimination of Strategic Nuclear Arms, and the Prevention of Proliferation of Weapons of Mass Destruction, dated October 25, 1993, as amended and extended to December 31, 2020, as per the Diplomatic Note of the Ministry of Affairs of Ukraine #414/23-196/54-2540, dated December 27, 2013 (U.S. – Ukraine CTR Umbrella Agreement); "Agreement Between the Department of Defense of the United States of America and the Ministry of Health of Ukraine Concerning Cooperation in the Area of Prevention of Proliferation of Technology, Pathogens and Expertise that Could Be Used in the Development of Biological Weapons" dated August 29, 2005 Biological Threat Reduction Implementing Agreement – BTRIA.

(b)(3):10 USC 130c

The undersigned participants acknowledge that the United States of America retains rights of audit and examination of the transferred material and related records and documentation in accordance with the procedures defined in Article X of the Agreement.

Нижче вказані представники засвідчують що Сполучені Штати Америки зберігають за собою право на аудит і огляд переданих матеріалів і відповідних записів та документації відповідно з процедурами вказаними в статті X Угоди.

The property listed in Attachment 1, in total value of \$4010.77 has been delivered to (b)(3):10 USC 130c and the inventory inspected and confirmed accurate by the (b)(3):10 USC 130c representative.

(b)(3):10 USC 130c

(b)(6)

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Withheld pursuant to exemption

(b)(4); (b)(6); (b)(3); 10 USC 130c

of the Freedom of Information and Privacy Act



**REPORT OF TRANSFER OF U.S. GOVERNMENT PROPERTY OWNERSHIP**  
**АКТ ПЕРЕДАЧІ ПРАВ ВЛАСНОСТІ УРЯДУ США**

**TOP-BVCO-0203**

This Act is concluded by the undersigned representatives of the Defense Threat Reduction Agency (DTRA) - Department of Defense of the United States of America and the (b)(3):10 USC 130c

(b)(3):10 USC 130c According to the report DTRA transfers the ownership of property specified in the inventory list attached and IVM acknowledges receipt on behalf of National Academy of Agrarian Sciences of Ukraine on the basis of the following references: Agreement Between the United States of America and Ukraine Concerning Assistance to Ukraine in the Elimination of Strategic Nuclear Arms, and the Prevention of Proliferation of Weapons of Mass Destruction, dated October 25, 1993, as amended and extended to December 31, 2020, as per the Diplomatic Note of the Ministry of Affairs of Ukraine #414/23-196/54-2540, dated December 27, 2013 (U.S. – Ukraine CTR Umbrella Agreement); “Agreement Between the Department of Defense of the United States of America and the Ministry of Health of Ukraine Concerning Cooperation in the Area of Prevention of Proliferation of Technology, Pathogens and Expertise that Could Be Used in the Development of Biological Weapons” dated August 29, 2005 Biological Threat Reduction Implementing Agreement – BTRIA.

(b)(3):10 USC 130c

The undersigned participants acknowledge that the United States of America retains rights of audit and examination of the transferred material and related records and documentation in accordance with the procedures defined in Article X of the Agreement.

Нижче вказані представники засвідчують що Сполучені Штати Америки зберігають за собою право на аудит і огляд переданих матеріалів і відповідних записів та документації відповідно з процедурами вказаними в статті X Угоди.

The property listed in Attachment 1, in total value of \$1,754.05 has been delivered to IVM and the inventory inspected and confirmed accurate by the IVM representative.

(b)(6)



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Withheld pursuant to exemption

(b)(4); (b)(6); (b)(3); 10 USC 130c

of the Freedom of Information and Privacy Act



**REPORT OF TRANSFER OF U.S. GOVERNMENT PROPERTY OWNERSHIP**  
**АКТ ПЕРЕДАЧІ ПРАВ ВЛАСНОСТІ УРЯДУ США**

**TOP-BVCO-0204**

This Act is concluded by the undersigned representatives of the Defense Threat Reduction Agency (DTRA) - Department of Defense of the United States of America and the (b)(3):10 USC 130c

(b)(3):10 USC 130c

According to the report DTRA transfers the ownership of property specified in the inventory list attached and (b)(3):10 USC 130c acknowledges receipt on behalf of National Academy of Agrarian Sciences of Ukraine on the basis of the following references: Agreement Between the United States of America and Ukraine Concerning Assistance to Ukraine in the Elimination of Strategic Nuclear Arms, and the Prevention of Proliferation of Weapons of Mass Destruction, dated October 25, 1993, as amended and extended to December 31, 2020, as per the Diplomatic Note of the Ministry of Affairs of Ukraine #414/23-196/54-2540, dated December 27, 2013 (U.S. – Ukraine CTR Umbrella Agreement); “Agreement Between the Department of Defense of the United States of America and the Ministry of Health of Ukraine Concerning Cooperation in the Area of Prevention of Proliferation of Technology, Pathogens and Expertise that Could Be Used in the Development of Biological Weapons” dated August 29, 2005 Biological Threat Reduction Implementing Agreement – BTRIA.

(b)(3):10 USC 130c

The undersigned participants acknowledge that the United States of America retains rights of audit and examination of the transferred material and related records and documentation in accordance with the procedures defined in Article X of the Agreement.

(b)(3):10 USC 130c

The property listed in Attachment 1, in total value of \$2,212.31 has been delivered to (b)(3):10 USC 130c and the inventory inspected and confirmed accurate by the (b)(3):10 USC 130c representative.

(b)(3):10 USC 130c

(b)(6)

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Withheld pursuant to exemption

(b)(4); (b)(6); (b)(3); 10 USC 130c

of the Freedom of Information and Privacy Act



**REPORT OF TRANSFER OF U.S. GOVERNMENT PROPERTY OWNERSHIP**  
**АКТ ПЕРЕДАЧІ ПРАВ ВЛАСНОСТІ УРЯДУ США**

**TOP-BVCO-0205**

This Act is concluded by the undersigned representatives of the Defense Threat Reduction Agency (DTRA) - Department of Defense of the United States of America and (b)(3):10 USC 130c

(b)(3):10 USC 130c According to the report DTRA transfers the ownership of property specified in the inventory list attached and (b)(3):10 USC 130c acknowledges receipt on behalf of the Ministry of Health of Ukraine on the basis of the following references: Agreement Between the United States of America and Ukraine Concerning Assistance to Ukraine in the Elimination of Strategic Nuclear Arms, and the Prevention of Proliferation of Weapons of Mass Destruction, dated October 25, 1993, as amended and extended to December 31, 2020, as per the Diplomatic Note of the Ministry of Affairs of Ukraine #414/23-196/54-2540, dated December 27, 2013 (U.S. – Ukraine CTR Umbrella Agreement); “Agreement Between the Department of Defense of the United States of America and the Ministry of Health of Ukraine Concerning Cooperation in the Area of Prevention of Proliferation of Technology, Pathogens and Expertise that Could Be Used in the Development of Biological Weapons” dated August 29, 2005 Biological Threat Reduction Implementing Agreement – BTRIA.

(b)(3):10 USC 130c

The undersigned participants acknowledge that the United States of America retains rights of audit and examination of the transferred material and related records and documentation in accordance with the procedures defined in Article X of the Agreement.

Нижче вказані представники засвідчують що Сполучені Штати Америки зберігають за собою право на аудит і огляд переданих матеріалів і відповідних записів та документації відповідно з процедурами вказаними в статті X Угоди.

The property listed in Attachment 1, in total value of \$ \$2,401.31 has been delivered to (b)(3):10 USC 130c and the inventory inspected and confirmed accurate by the RIEH LNNU representative.

(b)(3):10 USC 130c

(b)(6)

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Withheld pursuant to exemption

(b)(4); (b)(6); (b)(3); 10 USC 130c

of the Freedom of Information and Privacy Act



**REPORT OF TRANSFER OF U.S. GOVERNMENT PROPERTY OWNERSHIP  
АКТ ПЕРЕДАЧІ ПРАВ ВЛАСНОСТІ УРЯДУ США**

TOP-BVCO-0229

This Act is concluded by the undersigned representative of the ~~Defense Threat Reduction Agency (DTRA) - Department of Defense of the United States of America~~ and the (b)(3):10 USC 130c

(b)(3):10 USC 130c According to the report DTRA transfers the ownership of property specified in the inventory list attached and (b)(3):10 acknowledges receipt on behalf of National Academy of Agrarian Sciences of Ukraine on the basis of the following references: Agreement Between the United States of America and Ukraine Concerning Assistance to Ukraine in the Elimination of Strategic Nuclear Arms, and the Prevention of Proliferation of Weapons of Mass Destruction, dated October 25, 1993, as amended and extended to December 31, 2020, as per the Diplomatic Note of the Ministry of Affairs of Ukraine #414/23-196/54-2540, dated December 27, 2013 (U.S. – Ukraine CTR Umbrella Agreement); "Agreement Between the Department of Defense of the United States of America and the Ministry of Health of Ukraine Concerning Cooperation in the Area of Prevention of Proliferation of Technology, Pathogens and Expertise that Could Be Used in the Development of Biological Weapons" dated August 29, 2005 Biological Threat Reduction Implementing Agreement – BTRIA.

(b)(3):10 USC 130c

The undersigned participants acknowledge that the United States of America retains rights of audit and examination of the transferred material and related records and documentation in accordance with the procedures defined in Article X of the Agreement.

Нижче вказані представники засвідчують що Сполучені Штати Америки зберігають за собою право на аудит і огляд переданих матеріалів і відповідних записів та документації відповідно з процедурами вказаними в статті X Угоди.

The property listed in Attachment 1, in total value of \$1,174.00 has been delivered to (b)(3):10 USC and the inventory inspected and confirmed accurate by the (b)(3):10 representative.

(b)(3):10 USC 130c

(b)(6)

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Withheld pursuant to exemption

(b)(4); (b)(6); (b)(3); 10 USC 130c

of the Freedom of Information and Privacy Act



**REPORT OF TRANSFER OF U.S. GOVERNMENT PROPERTY OWNERSHIP**  
**АКТ ПЕРЕДАЧІ ПРАВ ВЛАСНОСТІ УРЯДУ США**

**TOP-BVCO-0232**

This Act is concluded by the undersigned representatives of the Defense Threat Reduction Agency (DTRA) - Department of Defense of the United States of America and the (b)(3):10 USC 130c

(b)(3):10 USC 130c According to the report DTRA transfers the ownership of property specified in the inventory list attached and (b)(3):1 acknowledges receipt on behalf of the Ministry of Health of Ukraine on the basis of the following references: Agreement Between the United States of America and Ukraine Concerning Assistance to Ukraine in the Elimination of Strategic Nuclear Arms, and the Prevention of Proliferation of Weapons of Mass Destruction, dated October 25, 1993, as amended and extended to December 31, 2020, as per the Diplomatic Note of the Ministry of Affairs of Ukraine #414/23-196/54-2540, dated December 27, 2013 (U.S. – Ukraine CTR Umbrella Agreement); “Agreement Between the Department of Defense of the United States of America and the Ministry of Health of Ukraine Concerning Cooperation in the Area of Prevention of Proliferation of Technology, Pathogens and Expertise that Could Be Used in the Development of Biological Weapons” dated August 29, 2005 Biological Threat Reduction Implementing Agreement – BTRIA.

(b)(3):10 USC 130c

The undersigned participants acknowledge that the United States of America retains rights of audit and examination of the transferred material and related records and documentation in accordance with the procedures defined in Article X of the Agreement.

Нижче вказані представники засвідчують що Сполучені Штати Америки зберігають за собою право на аудит і огляд переданих матеріалів і відповідних записів та документації відповідно з процедурами вказаними в статті X Угоди.

The property listed in Attachment 1, in total value of \$ 1,114.35 has been delivered to (b)(3):1 and the inventory inspected and confirmed accurate by the (b)(3):10 USC representative.

(b)(3):10 USC 130c

(b)(6)



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Withheld pursuant to exemption

(b)(4); (b)(6); (b)(3); 10 USC 130c

of the Freedom of Information and Privacy Act



**REPORT OF TRANSFER OF U.S. GOVERNMENT PROPERTY OWNERSHIP**  
**АКТ ПЕРЕДАЧІ ПРАВ ВЛАСНОСТІ УРЯДУ США**

**TOP-BVCO-0233**

This Act is concluded by the undersigned representatives of the Defense Threat Reduction Agency (DTRA) - Department of Defense of the United States of America and the (b)(3):10 USC 130c

(b)(3):10 USC 130c

According to the report DTRA transfers the ownership of property specified in the inventory list attached and (b)(3):10 acknowledges receipt on behalf of National Academy of Agrarian Sciences of Ukraine on the basis of the following references: Agreement Between the United States of America and Ukraine Concerning Assistance to Ukraine in the Elimination of Strategic Nuclear Arms, and the Prevention of Proliferation of Weapons of Mass Destruction, dated October 25, 1993, as amended and extended to December 31, 2020, as per the Diplomatic Note of the Ministry of Affairs of Ukraine #414/23-196/54-2540, dated December 27, 2013 (U.S. – Ukraine CTR Umbrella Agreement); "Agreement Between the Department of Defense of the United States of America and the Ministry of Health of Ukraine Concerning Cooperation in the Area of Prevention of Proliferation of Technology, Pathogens and Expertise that Could Be Used in the Development of Biological Weapons" dated August 29, 2005 Biological Threat Reduction Implementing Agreement – BTRIA.

(b)(3):10 USC 130c

[Redacted area]

The undersigned participants acknowledge that the United States of America retains rights of audit and examination of the transferred material and related records and documentation in accordance with the procedures defined in Article X of the Agreement.

Нижче вказані представники засвідчують що Сполучені Штати Америки зберігають за собою право на аудит і огляд переданих матеріалів і відповідних записів та документації відповідно з процедурами вказаними в статті X Угоди.

The property listed in Attachment 1, in total value of \$3,029.45 has been delivered to (b)(3):10 USC and the inventory inspected and confirmed accurate by the (b)(3):10 representative.

(b)(3):10 USC 130c

[Redacted area]

(b)(6)

[Redacted area]

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Withheld pursuant to exemption

(b)(4); (b)(6); (b)(3); 10 USC 130c

of the Freedom of Information and Privacy Act



**REPORT OF TRANSFER OF U.S. GOVERNMENT PROPERTY OWNERSHIP**  
**АКТ ПЕРЕДАЧІ ПРАВ ВЛАСНОСТІ УРЯДУ США**

**TOP-BVCO-0234**

This Act is concluded by the undersigned representatives of the Defense Threat Reduction Agency (DTRA) - Department of Defense of the United States of America and the (b)(3):10 USC 130c

According to the report DTRA transfers the ownership of property specified in the inventory list attached and (b)(3):10 acknowledges receipt on behalf of of the Ministry of Health of Ukraine on the basis of the following references: Agreement Between the United States of America and Ukraine Concerning Assistance to Ukraine in the Elimination of Strategic Nuclear Arms, and the Prevention of Proliferation of Weapons of Mass Destruction, dated October 25, 1993, as amended and extended to December 31, 2020, as per the Diplomatic Note of the Ministry of Affairs of Ukraine #414/23-196/54-2540, dated December 27, 2013 (U.S. - Ukraine CTR Umbrella Agreement); "Agreement Between the Department of Defense of the United States of America and the Ministry of Health of Ukraine Concerning Cooperation in the Area of Prevention of Proliferation of Technology, Pathogens and Expertise that Could Be Used in the Development of Biological Weapons" dated August 29, 2005 Biological Threat Reduction Implementing Agreement - BTRIA.

(b)(3):10 USC 130c

The undersigned participants acknowledge that the United States of America retains rights of audit and examination of the transferred material and related records and documentation in accordance with the procedures defined in Article X of the Agreement.

Нижче вказані представники засвідчують що Сполучені Штати Америки зберігають за собою право на аудит і огляд переданих матеріалів і відповідних записів та документації відповідно з процедурами вказаними в статті X Угоди.

The property listed in Attachment 1, in total value of \$1,814.77 has been delivered to (b)(3):10 and the inventory inspected and confirmed accurate by the PHC representative.

(b)(3):10 USC 130c

(b)(6)

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Withheld pursuant to exemption

(b)(4); (b)(6); (b)(3); 10 USC 130c

of the Freedom of Information and Privacy Act



**REPORT OF TRANSFER OF U.S. GOVERNMENT PROPERTY OWNERSHIP**  
**АКТ ПЕРЕДАЧІ ПРАВ ВЛАСНОСТІ УРЯДУ США**

**TOP-BVCO-0235**

This Act is concluded by the undersigned representatives of the Defense Threat Reduction Agency (DTRA) - Department of Defense of the United States of America and the (b)(3):10 USC 130c

(b)(3):10 USC 130c

According to the report DTRA transfers the ownership of property specified in the inventory list attached and (b)(3):10 USC 130c acknowledges receipt on behalf of the State Veterinary and Phytosanitary Service of Ukraine on the basis of the following references: Agreement Between the United States of America and Ukraine Concerning Assistance to Ukraine in the Elimination of Strategic Nuclear Arms, and the Prevention of Proliferation of Weapons of Mass Destruction, dated October 25, 1993, as amended and extended to December 31, 2020, as per the Diplomatic Note of the Ministry of Affairs of Ukraine #414/23-196/54-2540, dated December 27, 2013 (U.S. - Ukraine CTR Umbrella Agreement); "Agreement Between the Department of Defense of the United States of America and the Ministry of Health of Ukraine Concerning Cooperation in the Area of Prevention of Proliferation of Technology, Pathogens and Expertise that Could Be Used in the Development of Biological Weapons" dated August 29, 2005 Biological Threat Reduction Implementing Agreement - BTRIA.

(b)(3):10 USC 130c

The undersigned participants acknowledge that the United States of America retains rights of audit and examination of the transferred material and related records and documentation in accordance with the procedures defined in Article X of the Agreement.

Нижче вказані представники засвідчують що Сполучені Штати Америки зберігають за собою право на аудит і огляд переданих матеріалів і відповідних записів та документації відповідно з процедурами вказаними в статті X Угоди.

The property listed in Attachment 1, in total value of \$1,537.12 has been delivered to (b)(3):10 USC 130c and the inventory inspected and confirmed accurate by the (b)(3):10 USC 130c representative.

(b)(3):10 USC 130c

(b)(6)

Page 343 of 345

Withheld pursuant to exemption

(b)(4); (b)(6); (b)(3); 10 USC 130c

of the Freedom of Information and Privacy Act



**REPORT OF TRANSFER OF U.S. GOVERNMENT PROPERTY OWNERSHIP**  
**АКТ ПЕРЕДАЧІ ПРАВ ВЛАСНОСТІ УРЯДУ США**

TOP-BVCO-0266

This Act is concluded by the undersigned representatives of the Defense Threat Reduction Agency (DTRA) - Department of Defense of the United States of America and the (b)(3):10 USC 130c

(b)(3):10 USC 130c

According to the report DTRA transfers the ownership of property specified in the inventory list attached and (b)(3):10 USC acknowledges receipt on behalf of National Academy of Agrarian Sciences of Ukraine on the basis of the following references: Agreement Between the United States of America and Ukraine Concerning Assistance to Ukraine in the Elimination of Strategic Nuclear Arms, and the Prevention of Proliferation of Weapons of Mass Destruction, dated October 25, 1993, as amended and extended to December 31, 2021, as per the Diplomatic Note of the Ministry of Affairs of Ukraine #414/23-194/56-5462, dated December 30, 2020 (U.S. - Ukraine CTR Umbrella Agreement); "Agreement Between the Department of Defense of the United States of America and the Ministry of Health of Ukraine Concerning Cooperation in the Area of Prevention of Proliferation of Technology, Pathogens and Expertise that Could Be Used in the Development of Biological Weapons" dated August 29, 2005 Biological Threat Reduction Implementing Agreement - BTRIA.

(b)(3):10 USC 130c

The undersigned participants acknowledge that the United States of America retains rights of audit and examination of the transferred material and related records and documentation in accordance with the procedures defined in Article X of the Agreement.

Нижче вказані представники засвідчують, що Сполучені Штати Америки зберігають за собою право на аудит і огляд переданих матеріалів і відповідних записів та документації відповідно з процедурами вказаними в статті X Угоди.

The property listed in Attachment 1, in total value of \$1,243.92 (One thousand two hundred forty-three dollars and 92 cents) has been delivered to IECVM and the inventory inspected and confirmed accurate by the (b)(3):10 representative.

(b)(3):10 USC 130c

(b)(4); (b)(6); (b)(3):10 USC 130c



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Withheld pursuant to exemption

(b)(4); (b)(6); (b)(3); 10 USC 130c

of the Freedom of Information and Privacy Act