

Continued Implementation of HSPD-12

Workstation Pricing Guide

Department of Health & Human Services HSPD-12 and Federal Identity, Credential, and Access Management (FICAM) Program



Updated: January 9, 2013

Contract Number: HHSN316201200018W

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1.0 Introduction

The Homeland Security Presidential Directive 12 (HSPD-12), "Policy for a Common Identification Standard for Federal Employees and Contractors," mandates a standard for secure and reliable identification for all Federal Employees and Contractors. In response, the National Institute of Standards and Technology (NIST) released the "Federal Information Processing Standard 201" (FIPS 201), which defines a process to issue Personal Identity Verification (PIV) cards that satisfy the HSPD-12 criteria for a secure and trusted form of identity verification.

This document provides specifications, costs, and other details for the U.S. Department of Health and Human Services (HHS) Operating Divisions (OpDivs) to use to procure necessary HSPD-12 PIV equipment. This information is available for each of the workstation options, including the Enrollment Workstation (EWS), Issuance Workstation (IWS), and Local Printer and Cardholder Enablement options. The guide also provides component information about the Lifecycle Management Workstation (LWS) configuration that offers the capability for OpDiv staff, with assistance of an attendant to: reset forgotten PINs, unlock locked PIV cards, and update certificates.

This HSPD-12 ordering guide is intended for OpDiv planning purposes. It is provided to help OpDivs to implement the HSPD-12 Continued Services solution in a timely, cost-efficient, and successful manner.

- **Section 1** of this document provides information to place HSPD-12 workstation orders and a description of other related services.
- **Section 2** offers an overview of Deloitte's Enrollment Workstation (EWS), Issuance Workstation (IWS), and Lifecycle Management Workstation (LWS) configurations.
- **Section 3** provides summary pricing options (broken into CLINs) for workstations.
- **Section 4** details the bundled components for each workstation option.

1.1 Ordering Details

The corresponding requirement related to this 'Workstation Ordering Guide' was competitively awarded and; therefore, the prices have been considered fair and reasonable. NIH NLM has delegated the authority to OpDiv contracting officers to use this contract for OpDiv requirements in support of Identity, Credential, and Access Management (ICAM). OpDiv contracting officers may directly award tasks against this contract for ICAM services. In order to procure PIV-card workstation components and peripheral equipment as described in this ordering guide, please coordinate with your OpDiv contracting organization and refer to the contract number listed below.

If you or the OpDiv contracting officer have any questions related to this ordering guide, pricing, or delivery, please contact Deloitte via email at hhsidentityadmins@deloitte.com. Once your purchase order is complete, a Deloitte representative will work with the OpDiv point of contact to arrange delivery and discuss details about the HSPD-12 equipment order.

Master Contract: CIO-SP3

Contract Name: **HSPD-12 System Integration Services (SIS) Contract**

Contract Number / Order Number: **HHSN316201200018W / HHSN27600001**

Contractor Name: Deloitte Consulting LLP (DUNS #019121586)

Contract Base Period of Performance: December 1, 2012 – September 30, 2013 (four one-year option periods)

Contract Type: Indefinite delivery, indefinite quantity (IDIQ)

NIH NLM CO: Dionne Hopson (email hopsond@mail.nlm.nih.gov or call 301.435.4378)

Please use the CLINs and sub-CLINs listed below to order HSPD-12 workstation and related peripheral equipment.

Table 1.1-1. CLIN Description.

CLIN Number	CLIN Description	
CLIN 0009	Price to purchase HSPD-12 compliant enrollment workstation (EWS) components, issuance workstations (IWS), and lifecycle management workstations (LWS)	
Note: See full descriptions in the sections that follow for detailed information regarding the sub-CLIN definitions and workstation options.		
Sub-CLIN Reference #	Sub-CLIN Title	Description
<i>CLIN 0009.E1</i>	<i>EWS Option 1: Mobile EWS</i>	Mobile EWS that can be transported and set up at multiple locations as required.
<i>CLIN 0009.E2</i>	<i>EWS Option 2: Desktop EWS</i>	A stationary, desk-top EWS system designed for use at one location.
<i>CLIN 0009.I1</i>	<i>IWS Option 1: Full IWS</i>	Complete IWS used to facilitate “activation” of an applicant’s PIV Card.
<i>CLIN 0009.I2</i>	<i>IWS Option 2: IWS w/ upgrade to compatible PC</i>	Hardware and software to install with existing, compatible PC to serve as a functional IWS system.
<i>CLIN 0009.L1</i>	<i>LWS Option 1: Full LWS</i>	An LWS used to carry out common lifecycle workstation functions such as PIN resets.
<i>CLIN 0009.L2</i>	<i>LWS Option 2: LWS w/ upgrade to compatible PC.</i>	Hardware and software to install with existing, compatible PC to serve as a functional LWS system.

Table 1.1-2. CLIN Pricing.

CLIN Number	CLIN Description				
CLIN 0009	Price to purchase HSPD-12 compliant enrollment workstation (EWS) components, issuance workstations (IWS), and lifecycle management workstations (LWS)				
Note: Summary bundled offerings for HSPD-12 Workstation Sub-CLINs shown below do <u>not</u> include local printing costs (see Section 3 of this document).					
Sub-CLIN Reference #	Summary Pricing BASE YEAR	Summary Pricing OPTION YR1	Summary Pricing OPTION YR2	Summary Pricing OPTION YR3	Summary Pricing OPTION YR4
<i>CLIN 0009.E1</i>	\$18,882.89	\$19,543.79	\$20,227.82	\$20,935.80	\$21,668.55
<i>CLIN 0009.E2</i>	\$18,085.54	\$18,718.53	\$19,373.68	\$20,051.76	\$20,753.57
<i>CLIN 0009.I1</i>	\$3,137.99	\$3,357.65	\$3,592.68	\$3,844.17	\$4,113.26
<i>CLIN 0009.I2</i>	\$1,623.03	\$1,736.64	\$1,858.21	\$1,988.28	\$2,127.46
<i>CLIN 0009.L1</i>	\$2,788.48	\$2,983.67	\$3,192.53	\$3,416.01	\$3,655.13
<i>CLIN 0009.L2</i>	\$1,505.87	\$1,611.28	\$1,724.07	\$1,844.76	\$1,973.89

CLIN Number	CLIN Description
Additional	NIH Contract Access Fee (NCAF) = 1% of total workstation order

Note: The NCAF¹ is based off of the total order once quantities and workstation types are identified and confirmed with the purchasing order point of contact.

¹ CIO-SP3, ARTICLE G.8. NIH CONTRACT ACCESS FEE AND FEE REMITTANCE

- a. NIH is required to collect an NIH Contract Access Fee (NCAF) from its customers to reimburse the cost of operating and administering the CIO-SP3 contract. NIH has determined this fee to be 1% charged against all task orders and applied to the total award value for contractor performance. Total award value is all inclusive of labor, fees (including award fees and incentive pools), and ODCs (including travel).
- b. The formula is: Total NCAF = Total Award Value * NCAF Percentage.

1.2 Optional HSPD-12 Time and Materials Services

The OpDiv points of contact and procurement officials may use the HSPD-12 Continued Implementation contract vehicle in support of Identity, Credential, and Access Management (ICAM) initiatives. Contracting officers may directly award tasks against this contract for ICAM services. A description of the T&M CLINs is presented below. Fees for these service are determined based upon a written Scope of Work (SOW) submitted to the HSPD-12 Program Management Office Lead, **David Hauge** (david.hauge@HHS.gov; 301.443.4531). The Deloitte team will submit a proposal inclusive of the technical approach, deliverables, assumptions, and proposed hours and fees for carrying out the defined scope of activities.

The Deloitte POCs for questions or additional HSPD-12 information are Ritesh Verma (rverma@deloitte.com; 202.422.7978) and Rick Woodhouse (rwoodhouse@deloitte.com; 212.618.4775).

CLIN 0010: Support for maintenance, enhancements, and point releases supporting SCMS. This includes implementation and engineering support for all equipment supporting PIV Card Issuing Facilities (PCIFs) and light-weight issuance stations.

CLIN 0011: Activities supporting architecture and data models.

CLIN 0012: Activities supporting requirements analysis, design, development, testing, staging, and documentation of Simplified Sign On, provisioning, and Identity Management.

CLIN 0013: Activities supporting development, implementation, and operations for all services not otherwise identified.

Table 1.2-1 provides a summary of Optional T&M Services related to workstation deployment available through the HSPD-12 contract.

Table 1.2-1. Summary Description of Optional T&M Services.

Optional T&M CLIN	Type of Services Requested	Description	Additional Clarification
Enrollment Services Labor (Registrar Managed Services)	Enrollment Personnel Services	Deloitte can provide qualified personnel to serve as enrollment officials. Adjudication is viewed as an inherently Governmental function. As such, Deloitte is not permitted to provide full Registrar services.	Deloitte Enrollment Personnel are pre-qualified, trained and certified to conduct HSPD-12 enrollment services. Availability of personnel is subject to time frame, duration, and location.
Installation Services Labor	Installation of new EWS, IWS, localized smart card printer	Some OpDivs may elect to have Deloitte personnel configure, install and test the integration of a new EWS, IWS, localized smart card printer, or smart card enabled workstation.	For planning purposes, OpDivs can estimate between 4-8 hours to configure, install, and test a single workstation. Depending on the location of the workstation set-up and the on-site requirements, additional travel costs may be incurred for installation services.

2.0 Deloitte Workstation Overview

2.1 Deloitte HSPD-12 Enrollment Workstation (EWS)

The Deloitte Enrollment Workstation (EWS) is a modular system that is currently being used throughout the Department. Features include:

- Improved security through digital signature and encryption capabilities;
- Integration with the SCMS for auto-population of demographic data;
- Integrated ability to submit fingerprints to OPM for background investigations;
- Highly intuitive system design; and
- Necessary ports to connect required hardware peripherals, which are described in Table 2.1-1 below.

Table 2.1-1. Deloitte Enrollment Workstation Components.




	<p>EWS PC: Laptop or Desktop: Computer system that houses the HSPD-12 System software, consisting of a laptop or desktop, keyboard, mouse, and surge protector; used by the Registrar to process the enrollment application. In some cases, an OpDiv may require relocation of the EWS in order to credential a geographically dispersed population. In such cases, a Mobile EWS may be purchased that includes a laptop computer in place of the desktop, docking station, battery back-up, and combination cable lock in addition to the other components that come with a fixed EWS. Note that a “Mobile” EWS is meant to be more easily transported than a fixed or stationary EWS. However, the number of components and the complexity of the system may require large and rather heavy, hard shelled protective travel cases to facilitate safe transportation of the mobile system.</p>
	<p>Applicant Privacy Monitors: Separate Registrar and applicant monitors to allow the Registrar to enter comments while the applicant sees pertinent instructions and data for verification; the applicant’s monitor features a privacy screen to prevent data from being viewed over the applicant’s shoulder.</p>
	<p>Ten-Print Fingerprint Scanner: FBI sanctioned biometric sensor used to capture the applicant’s flat and rolled fingerprints; used to generate the biometric templates to be stored in the HSPD-12 System and on the PIV credential.</p>
	<p>Single Fingerprint Reader: Used to validate applicant biometric templates and for the Registrar to digitally sign the enrollment record.</p>
	<p>Smart Card Reader: Provides capability for Registrar to digitally sign enrollment records and supports single sign-on with a valid smart card.</p>
	<p>Digital Camera: Used to capture the facial photograph of the applicant; the captured photograph is stored and printed on the PIV card; Deloitte’s EWS software enables automatic image cropping and standards compliance.</p>
	<p>Photo Backdrop: Neutral background to help capture a compliant facial image.</p>

The EWS software has many functionalities including: fingerprint compression/decompression, fingerprint template generating and matching, digital signature and encryption, camera control and photo quality control, and the Deloitte-developed applicant enrollment software. The EWS hardware and software components are compliant with FIPS 201 and the related Special Publications requirements and are on the GSA Approved Product List (APL).

2.2 Deloitte HSPD-12 Issuance Workstation (IWS)

The purpose of the Deloitte Issuance Workstation (IWS) is to provide the hardware (HW) and software (SW) required to authenticate an applicant’s identity at the time of credential issuance and to load the digital certificates on the card, thereby “activating” the HSPD-12 PIV card. The primary components included with a Deloitte IWS are provided in Table 2.2-1 below. IWS hardware and software components are compliant with FIPS 201 and the related Special Publications and are on the GSA APL.



Table 2.2-1. Deloitte Issuance Workstation Components: Primary Hardware Components.

	<p>IWS PC: Computer system that houses the HSPD-12 Issuance software used by the Issuer to activate and issue an applicant’s HSPD-12 Continued Services credential (HSPD-12 PIV card).</p>
	<p>Single Fingerprint Reader: Used to validate applicant biometric templates and for the Registrar to digitally sign the enrollment record.</p>
	<p>Smart Card Reader: Provides capability for Issuance workstation to communicate with the smart card to support certificate download and finalization.</p>

2.3 Deloitte HSPD-12 Lifecycle Management Workstation (LWS)

A lifecycle management workstation is available to OpDivs that seek to expand their capability to provide PIN Resets and Certificate Updates. The LWS is used to unlock a ‘locked’ PIV card or to reset a PIN due to the cardholder forgetting their smartcard PIN number. Another purpose of the LWS is to offer certificate update functionality to cardholders who have valid certificates expiring within six weeks or to cardholders who have had their certificates recently expire. The LWS offers cardholders a streamlined process and system for carrying out these PIV card maintenance activities. The primary components included with a Deloitte LWS are provided in Table 2.3-1 below. LWS hardware and software components are compliant with FIPS 201 and the related Special Publications requirements and are on the GSA APL.

Table 2.3-1. Deloitte Lifecycle Workstation Components: Primary Hardware Components.

	<p>Single Fingerprint Reader: Used to validate applicant biometric templates and for the Registrar to digitally sign the enrollment record.</p>
	<p>Smart Card Reader: Provides capability for Issuance workstation to communicate with the smart card to support certificate download and finalization. Although this core component is necessary for the proper functioning of the lightweight workstation, The OpDivs have the option to purchase this peripheral device from Deloitte or procure/supply their own device.</p>
<p>Note: A personal computer is a core component of the LWS configuration but is an optional procurement item available.</p>	

2.4 Maintenance Plan

Deloitte includes a maintenance plan with the HSPD-12 workstations that is built into the price of the equipment to HHS and OpDivs. The maintenance plan allows for the replacement of faulty or defective equipment through Deloitte, assuming the defect meets standard warranty terms and conditions. The maintenance plan does not include on-site support or equipment that is lost, stolen or intentionally damaged. The maintenance plan is effective for **three years** after the date of purchase.

3.0 Summary Pricing Menu of EWS/IWS/LWS Bundled Offerings

Credentialing equipment available through the Deloitte contract is FIPS 201 compliant and has been tested to confirm integration with the SCMS. The required delivery time for workstations is estimated to be approximately eight weeks.

In Table 3.0-1 below, summary information of the optional HSPD-12 Continued Services CLINs / Sub-CLINs is provided. It is important to note that the pricing shown in the summaries below is for the bundled list of components described in each Sub-CLIN. The bundled components and pricing provided in this planning guide were developed in response to HHS requirements detailing the most common OpDiv workstation configuration scenarios or needs.

Table 3.0-1. Summary of EWS CLINs and Enrollment Personnel Services.

Optional EWS CLINs	Detailed Description	Estimated Bundled Pricing BASE YEAR	Additional Information
EWS Option 1: MOBILE EWS (CLIN 0009.E1)	A mobile EWS used to enroll applicants into the HSPD-12 system. The bundled price in this Sub-CLIN does not include labor to install or operate the EWS. Plug and play install guidance is provided with this option.	CLIN 0009.E1 = <u>TOTAL = \$18,882.89</u>	OpDivs with a geographically dispersed population may opt to purchase Deloitte Mobile EWS' that can be transported and set up temporarily at multiple locations as required.
EWS Option 2: DESKTOP EWS (CLIN 0009.E2)	A desktop EWS used to enroll applicants into the HSPD-12 Continued Services system. The bundled price in this Sub-CLIN does not include labor to install or operate the EWS. Plug and play install guidance is provided.	CLIN 0009.E2 = <u>TOTAL = \$18,085.54</u>	Some OpDivs needing a Deloitte EWS will only require a stationary, desk-top system, as opposed to a mobile station that utilizes a laptop and is designed to better accommodate workstation relocation.

Table 3.0-2 below provides a summary of IWS CLINs.

Table 3.0-2. Summary Pricing Menu for IWS CLINs.

Optional IWS CLINs	Detailed Description	Estimated Bundled Pricing BASE YEAR	Additional Clarification
IWS Option 1: IWS (CLIN 0009.I1)	A workstation used to activate smart cards. The bundled price in this Sub-CLIN does not include labor to install or operate the IWS	CLIN 0009.I1 = <u>TOTAL = \$3,137.99</u>	The purpose of the IWS is to facilitate the "activation" of an applicant's PIV Card.
IWS Option 2: Upgrade Compatible PC (CLIN 0009.I2)	Deloitte will provide OpDivs with HW/SW components and installation guidance required to configure a compatible PC as a functional IWS.	CLIN 0009.I2 = <u>TOTAL = \$1,623.03</u>	Installation guidance in written form is provided.

Deloitte’s Issuance Workstations can also be configured to support local card-printing capabilities. For planning purposes, Table 3.0-3 and Table 3.0-4 below list the equipment necessary to implement local printing capabilities with an IWS.

Table 3.0-3. Local Smart Card Printing Capabilities.

Need	Type of IWS Integration	Detailed Description
IWS with Local Smart Card Printing Capabilities	Have: No legacy issuance or smart card printing equipment Need: IWS with Local smart card printing capabilities Action: Procure HW/SW required to implement a IWS with local smart card printing capabilities	OpDivs that elect to implement local printing capabilities at an IWS facility may work with Datacard (see vendor contact information below) in order to procure the necessary materials; please see Table 3.0-4 below for a detailed description of printing materials needed.
Local Smart Card Printing Capabilities Only	Have: IWS Need: Local smart card printing capabilities Action: Procure HW/SW required to enable an IWS to print smart cards locally	OpDivs that elect to implement local printing will need special smart card printer and SW loaded onto selected Issuance Workstations in order to support local / distributed printing. Recommend contacting Datacard for procurement of needed printing materials.

Table 3.0-4 lists local printing materials as provided by Datacard.

Table 3.0-4. Local Printing Materials as Provided by Datacard.

Product Description	Datacard Product Number
ID Works Standard v 6.5	571897-014
SP75 Plus, Dual laminator, internal smart card encoder, and mag stripe*	588719-003
Color Ribbon, YMCK-K	552854-510
Datacard DuraGard Laminate includes 1.0 mil Generic Laminate, Full Card with Smart Card Window, High Resolution Image with Enhanced Security Features for use with the Datacard SP75 Series ID card printers.	562765-003
DuraGard Laminate, 1.0 mil, Mag stripe	562755-001
Cleaning, Pen, For cleaning printhead, and card track	557492-001
Cleaning, Kit, Adhesive, (5) Sleeves Per Pack	569946-001
<p>Note: The SP75 Plus printer must come equipped with the INTERNAL smart card encoders, the magstripe encoders, and the dual laminators which are required in order for OpDivs to bind the applicant to the card prior to printing.</p> <p>For further information on pricing and obtaining local printing products in the table above, please contact:</p> <p>Rick Carter Director, Federal Business Public Sector, North America Mobile 571-228-1015 rick_carter@datacard.com www.Datacard.com</p>	

Table 3.0-5 below provides a summary of LWS CLINs.

Table 3.0-5. Summary Pricing Menu for LWS CLINs.

Optional LWS CLINs	Detailed Description	Estimated Bundled Pricing BASE YEAR	Additional Clarification
LWS Option 1: LWS (CLIN 0009.L1)	<p>A workstation used to carry out common Lifecycle Management functions including: PIN Resets and certificate updates.</p> <p>The bundled price in this Sub-CLIN does not include labor to install or operate the LWS</p> <p>On-site LWS installation labor support is available through the optional T&M CLIN below.</p>	<p>CLIN 0009.L1 =</p> <p>TOTAL = \$2,788.48</p>	<p>The purpose of the LWS is to facilitate common maintenance activities such as unlocking a 'locked' PIV Card and resetting PIN numbers. LWSs cannot be used to perform full issuance or enrollment functions.</p>

Optional LWS CLINs	Detailed Description	Estimated Bundled Pricing BASE YEAR	Additional Clarification
LWS Option 2: Upgrade Compatible PC (CLIN 0009.L2)	Deloitte will provide OpDivs with HW/SW components and installation guidance required to configure a compatible PC as a functional LWS (i.e., CLIN Option Price does not include PC). Plug and Play guidance is included.	CLIN 0009.L2 = TOTAL = \$1,505.87	Installation guidance in written form is provided.

4.0 Detailed List of EWS, IWS, and LWS Components

The tables below include listings of the bundled components included as part of each of the HSPD-12 Continued Services CLIN options. System component models and manufacturers have the tendency to change over time and therefore in such cases technically equivalent components may be substituted as part of the total system.

Table 4.0-1. Enrollment Workstation Options.

Option No. / CLIN	System Type	Mfr	Description	Qty	Est. Total Cost BASE YEAR
EWS Option 1 CLIN 0009.E1	Mobile EWS	Aware	NISTPack Biometrics Software	1	
		Aware	Aware I/O Software NISTPack SW Maintenance	1	
		Deloitte	Enrollment Software	1	
		Cross Match	Guardian 10-print fingerprint scanner (USB)	1	
		Cross Match	Verifier 310 LC (Single print verifier)	1	
		Cross Match	ExtractMatch library from Cross Match Version	1	
		Dell	E6500 Latitude Laptop Computer	1	
		Dell	17" LCD Flat Screen Monitor	1	
		Dell	E/Port, Simple Port Replicator for Latitude E-Family/Mobile Precision, Customer Kit	1	
		Dell	TM/602 Lightweight Stereo Headphones	1	
		Dell	USB 2.0 Extension Cable 10 ft	1	
		Open Mkt	Privacy Filter Screen	1	
		Open Mkt	Surge Protector Strip	1	
		Canon	Canon PSS5IS Camera	1	
		Canon	Tripod	1	
		Canon	Canon-ACK-E8 Power Adapter Kit	1	
		Canon	High Power Flash HF-DC 1	1	
		Hardigg	Hardigg Mobile Workstation Case	2	
		BadgePlus	BadgePlus Photo Backdrop Stand System	1	
		Open Mkt	USB Numeric Keypad	1	
		Identix	Camera Control & Photo QA Software	1	
		Identix	Camera Control & Photo QA Software Maintenance	1	
		Deloitte	Processing & Configuration	1	
Deloitte	Maintenance — 3 years	3			

Option No. / CLIN	System Type	Mfr	Description	Qty	Est. Total Cost BASE YEAR
			Shipping	1	
TOTAL					\$18,882.89
EWS Option 2 CLIN 0009.E2	Desktop EWS	ActivIdentity	ActivIdentity USB Smart Card Readers	2	
		Aware	NISTPack Biometrics Software	1	
		Aware	Aware I/O Software NISTPack SW Maintenance	1	
		Deloitte	Enrollment Software	1	
		Cross Match	Guardian 10-print fingerprint scanner (USB)	1	
		Cross Match	Verifier 310 LC (Single print verifier)	1	
		Cross Match	ExtractMatch library from Cross Match Version	1	
		Dell	Optiplex Desktop Computer	1	
		Open Mkt	Quadro NVS 285 Graphics Card w/ Low Profile Bracket	1	
		Dell	17" LCD Flat Screen Monitor	2	
		Dell	TM/602 Lightweight Stereo Headphones	1	
		Dell	USB 2.0 Extension Cable 10 ft	1	
		Open Mkt	Privacy Filter Screen	1	
		Open Mkt	Surge Protector Strip	1	
		Canon	Canon PSS5IS Camera	1	
		Canon	Tripod	1	
		Canon	Canon-ACK-E8 Power Adapter Kit	1	
		Canon	High Power Flash HF-DC 1	1	
		BadgePlus	BadgePlus Photo Backdrop Stand System	1	
		Open Mkt	USB Numeric Keypad	1	
		Identix	Camera Control & Photo QA Software	1	
		Identix	Camera Control & Photo QA Software Maintenance	1	
		Deloitte	Processing & Configuration	1	
Deloitte	Maintenance — 3 years	3			
			Shipping	1	
TOTAL					\$18,085.54

Table 4.0-2. Issuance Workstation Options.

Option No. / CLIN	System Type	Mfr	Description	Qty	Est Total Cost BASE YEAR
IWS Option 1 CLIN 0009.I1	Full IWS	Cross Match	ExtractMatch library from Cross Match Version	1	
		Cross Match	Verifier 310 LC (Single print verifier)	1	
		Dell	Latitude E6500	1	
		Dell	TM/602 Lightweight Stereo Headphones	1	
		Deloitte	Issuance Software	1	
		ActivIdentity	ActivIdentity USB Smart Card Reader	1	
		Open Mkt	USB Numeric Keypad	1	
		Deloitte	Processing & Configuration	1	
		Deloitte	Maintenance – 3 years	3	
			Shipping	1	
TOTAL					\$3,137.99
IWS Option 2 CLIN 0009.I2	Partial IWS Upgrade	Cross Match	ExtractMatch library from Cross Match Version	1	
		Cross Match	Verifier 310 LC (Single print verifier)	1	
		Dell	TM/602 Lightweight Stereo Headphones	1	
		Deloitte	Issuance Software	1	
		ActivIdentity	ActivIdentity USB Smart Card Reader	1	
		Open Mkt	USB Numeric Keypad	1	
		Deloitte	Processing & Configuration	1	
		Deloitte	Maintenance – 3 years	3	
			Shipping	1	
TOTAL					\$1,623.03

Table 4.0-3. Lifecycle Workstation Options.

Option No. / CLIN	System Type	Mfr	Description	Qty	Total Est Cost BASE YEAR
LWS Option 1 CLIN 0009.L1	Full LWS	Cross Match	ExtractMatch library from Cross Match Version	1	
		Cross Match	Verifier 310 LC (Single print verifier)	1	
		Deloitte	Lifecycle Management Software	1	
		Open Mkt	USB Numeric Keypad	1	
		Dell	Latitude E6500	1	

Option No. / CLIN	System Type	Mfr	Description	Qty	Total Est Cost BASE YEAR
		ActivIdentity	ActivIdentity USB Smart Card Reader	2	
		Deloitte	Processing & Configuration	1	
		Deloitte	Maintenance — 3 years	3	
			Shipping	1	
TOTAL					\$2,788.48
LWS Option 2 CLIN 0009.L2	Partial LWS Upgrade	Cross Match	ExtractMatch library from Cross Match Version	1	
		Cross Match	Verifier 310 LC (Single print verifier)	1	
		Deloitte	Lifecycle Management Software	1	
		Open Mkt	USB Numeric Keypad	1	
		ActivIdentity	ActivIdentity USB Smart Card Reader	2	
		Deloitte	Processing & Configuration	1	
		Deloitte	Maintenance — 3 years	3	
			Shipping	1	
		NIH	Contract Access Fee (NACF)	1	
TOTAL					\$1,505.87