CDO AIT-6
Products and Services
Ordering Catalog

11/11/2019 to 08/10/2025

This ordering guide is exclusively offered by
CDO Technologies, Inc., and PD AMIS under contract
W52P1J-20-D-0001
CDRL: A001
Updated as of January 3, 2025

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Contents

Contract Summary

Contract Number: W52P1J-20-D-0001

Scope: This contract vehicle is decentralized and available to Department of Defense (DoD), United States Coast Guard (USCG), North Atlantic Treaty Organization (NATO), coalition partners, other foreign military sales (FMS), and other federal agencies. All federal contracting officers are delegated procurement authority to place task orders/delivery orders against this Automatic Identification Technology-VI (AIT-6) firm fixed price (FFP) indefinite delivery/indefinite quantity (ID/IQ) contract. All contracting officers seeking to place orders against the contract shall agree to comply with the terms and conditions of the base contract.

Via this decentralized contract vehicle, CDO will provide AIT-6 data communications, hardware, software, documentation, and incidental services to authorized Government users worldwide. The incidental services include training, warranty, and technical engineering services (TES).

The AIT-6 hardware and software purchased under this contract will be ISO/IEC 17050-1:2004 compliant. The TES available will provide turnkey solutions for integrating a user's existing automated identification technology (AIT) and passive radio frequency identification (RFID) (pRFID) with active RFID (aRFID) technology. TES shall include those services required for AIT-6 turnkey implementation, item unique identification (IUID) implementation support, equipment integration, site analysis, installation, de-installation, relocation, problem-solving, user unique training, integrated planning team (IPT) support, conducting physical configuration audits (PCAs)/functional configuration audits (FCAs), software development; communications, interfaces to other Government systems, equipment and systems engineering services, system design, and systems integration to include middleware integration to enterprise systems. Any cables or adapters not listed in this contract, middleware, or other items and materials required to support Technical Engineering Services (TES) task orders, may be ordered through the contract in accordance with (IAW) the provision entitled Incidental Materials.

Contract Type: ID/IQ with FFP CLINs and cost reimbursable CLINs for other direct costs (ODCs) and travel.

Contract Period:

Year	Period of Performance	CLIN Series
Base Ordering Period	November 11 2019 – November 10 2022	0001 - 0027
Option Period 1	November 11 2022 – November 10 2023	1001 - 1027
Option Period 2	November 11 2023 – November 10 2024	2001 - 2027
Option Period 3	November 11 2024 – August 10 2025	3001 - 3027

Geographic Scope of the Contract:

Performance of this contract can be contiguous United States (CONUS) or outside the contiguous United States (OCONUS). Additional clauses required to perform OCONUS shall be added at the task order level.

Ordering Guidance:

Orders may be placed by any authorized contracting officer or purchase card holder supporting the DoD, the USCG, NATO, coalition partners, other FMS, and other federal agencies. Ordering Government contracting officers and purchase card holders are empowered to place orders in accordance with the terms and conditions of the contract, the Federal Acquisition Regulation (FAR) and applicable supplements, and their own agency procedures. In addition, an Ordering Guide for Government Contracting Officers can be found on the CHESS website, https://chess.army.mil/Contract/Program?Name=AIT-6. Please note, this site requires a CAC to access the site.

All delivery orders, purchase card orders, and task orders issued hereunder are subject to the terms and conditions of this contract. The contract will control if in conflict with any order. Any request for deviation from the terms of this contract must be submitted to the procuring contracting officer (PCO):

> Benjamin Geringer
> Army Contracting Command - Rock Island (ACC-RI)
> Email: benjamin.l.geringer.civ@mail.mil
> Phone: 309-782-1784

All requirements under this contract will be ordered by issuance of a DD Form 1155, SF 1449, purchase card form, or other authorized form.

In addition to any other data that may be called for in the contract, the following information shall be specified in each order as applicable:

a) Date of Order
b) Contract and order number (Note: order numbering shall be in accordance with FAR Subpart 4.16 and Defense FAR Supplement Subpart 204.16. Only the issuing office (ACC-RI) is authorized to use the numbers 0001-9999).
c) Point of contact name, telephone number, facsimile number, and e-mail address.
d) Ordering contracting officer's commercial telephone number and email address.
e) Description of the supplies to be provided, quantity, unit price, and the associated CLIN/CLINs (See Section B of the contract and Section 11.0 below). Defense Financing and Accounting Service (DFAS) requires the CLIN/CLINs to be reflected on order forms in order to do initial entry of orders into their automated payment system. When the contractor submits a request for payment, DFAS will compare the request for payment of CLIN/CLINs with the order's CLIN/CLINs. (Note: Use of item numbers in Block 19 on the SF 1449 and not CLIN/CLINs will result in payment delays and excessive administrative costs to both the contractor and the Government).
f) Delivery date for supplies and performance period for services.
g) Address of place of delivery or performance to include consignee.
h) Packaging, packing, and shipping instructions, if any.
i) Accounting and appropriation data and contract Accounting Classification Reference Number (ACRN). NOTE: DFAS requires ACRNs on all orders.
j) Invoice and payment instructions to the extent not covered by the contract. Include Wide Area Workflow (WAWF) clause information.
k) Orders for known FMS requirements shall clearly be marked FMS requirement on the face of the order and include the FMS customer and the case identifier code.
l) Any other pertinent information.

Incidental Materials:

Incidental materials shall only include those items/materials necessary to complete the installation service ordered in accordance with Paragraph G of Section H of the contract, "Task Order Proposals for Technical Engineering Services (TES)." The price for the items/materials shall be negotiated on a FFP basis for each TO, if required (see Paragraph G of Section H of the contract, "Task Order Proposals for Technical Engineering Services"). The total negotiated price for incidental materials for each task order shall not exceed $100,000.

Warranty:

CDO will provide a minimum of a three-year warranty, including all parts, labor, and transportation costs for all AIT-6 components provided under this contract. CDO will provide a minimum of a three-year warranty for all software products. CDO will repair or replace all failed AIT-6 components covered under warranty in this contract in accordance with the procedures outlined below. All warranties shall be included in the purchase price of the component and not priced separately. CDO will immediately notify the ordering contracting officer and order point of contact (POC) regarding equipment requiring repair or replacement due to apparent user abuse, negligence, or missing significant parts, such as circuit cards or boards.

Shipping:
FOB Destination, within consignee's premises

Performance Schedule:
Equipment and Software Delivery
CONUS: 60 days from order date for all equipment orders
Online Ordering Guide Website: http://ait-6.cdotech.com/

Revisions:

Ver. #	Revision Date	Author	Description
1.0	17 Dec 2019	Jim Huff	Initial Guide
1.1	28 Jan 2020	Jim Huff	Updated Product Description SLIN x005AA
1.2	19 May 2021	Jim Huff	New CLIN Product for 0013AB
1.3	01 Oct 2021	Jim Richey	New CLIN Product for 0001BA
1.4	04 Jan 2022	Jim Richey	New CLIN Product for 001AA and 001CA
1.5	10 Mar 2022	Jim Richey	New CLIN Product for 005AA and 0005AC
1.6	10 May 2022	Jim Richey	New CLIN Product for 0001BN
1.7	01 Nov 2022	Jim Richey	New part number for CLIN 0001AA
1.8	10 Oct 2023	Jim Richey	New CLIN Product for 0001CA
1.9	29 Nov 2023	Jim Richey	New CLIN Product for 001HA and 001JA
1.10	08 Dec 2023	Jim Richey	New part number for CLIN 0001AA
1.11	03 Jan 2025	Brian Paulick	New CLIN Products for 0016AA – 0020EA
1.12	27 Mar 2025	Brian Paulick	New website for Ordering Guide

1.0 Ordering Procedures

1.1 Introduction

Orders may be placed by any authorized contracting officer or purchase card holder supporting the DoD, the USCG, NATO, coalition partners, other FMS, and other federal agencies. Ordering Government contracting officers and purchase card holders are empowered to place orders in accordance with the terms and conditions of the contract, the FAR and applicable supplements, and their own agency procedures. In addition, an Ordering Guide for Government Contracting Officers can be found on the CHESS website, https://chess.army.mil/Contract/Program?Name=AIT-6. Please note, this site requires a CAC to access the site.

1.2 Authorized Ordering Offices

Ordering contracting officers and purchase card holders are empowered to place orders in accordance with the terms and conditions of the contract, the FAR and applicable supplements, and their own agency procedures.

1.3 Procedures

Current ordering procedures are located on the CHESS website, https://chess.army.mil/Contract/Program?Name=AIT-6. Please note, this site requires a CAC to access the site.

1.4 Equipment Destination

Since the intent of this contract is to satisfy AIT requirements worldwide, and since the items offered by CDO Technologies are offered worldwide, all orders against this contract must stipulate the intended geographic area of operation in order to ensure that the appropriate AC cables, plugs, and adapters are included.

1.5 Inspection, Acceptance, and Receipt

CDO will only tender for acceptance those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or re-performance of nonconforming services at no increase in contract price. If repair/replacement or re-performance will not correct the defects or is not possible, the Government may seek an equitable price reduction or adequate consideration for acceptance of nonconforming supplies or services. The Government must exercise its post-acceptance rights within a reasonable time after the defect was discovered or should have been discovered; and before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

2.0 Configuration Status Accounting

2.1 Baseline Configuration

The baseline configuration table below shows the current software versions for the listed CLIN items.

CLIN	Product	Model / Part Number	Description	Baseline Version
0001AA	HHT–A, Large Display, Integrated Imager, Full Alphanumeric Keypad Capability and Certified for Hazardous Locations (Min. Class 1, Division 2, Groups A, B, C, and D)	FZ-G2AZ-2LAM	Panasonic G2 Win10 Pro, Intel Core i5-10310U 1.7GHz (4.4Ghz), vPro, 10.1" WUXGA Gloved Multi Touch+Digitizer, 16GB, 512GB OPAL SSD (quick-release), Intel Wi-Fi 6, Bluetooth, Dual Pass (BIOS Selectable), Infrared Webcam, 8MP Rear Camera, Insertable Smartcard, 2D Barcode Laser (N6603), Standard Battery, Bridge Battery, TPM 2.0, ANSI C1D2 Haz Loc, 3-year warranty, AGM/RME Configuration Load, UID Label, Contractor ID Label, NI Label	Army customers Army Gold Master (AGM) current version, All other customers Windows 11
0001BA	HHT-B Small Display, Integrated Imager, and Full Alphanumeric Keypad Capability	382GL-10B-495CS	DT Research 8" Touch Screen, IP65 Rugged Tablet with Intel Pentium Silver Quad-Core CPU, 256GB SSD, 8GB DDR4 RAM, 800 NIT display, Windows 10 IoT Enterprise, Digital Pen, 1D/2D Barcode Imager, Bluetooth, Integrated CAC Reader, NIST Compliant BIOS, Standard Battery, Bridge Battery, 3 Year Warranty	Army customers Army Gold Master (AGM) current version. All other customers Windows 10 Pro
0001CA	HHT–C, Large Display, Integrated Imager, and Full Alphanumeric Keypad Capability	3301Y-X-5AIT	DT Research 301Y 10.1" Rugged Tablet with Intel Core i5 Processor, vPro, removable 512GB SSD, 16GB RAM, Windows 10 IoT Enterprise, Capacitive Multi-Touch display, 90W Battery, Front and Rear Camera, 2D Barcode Scanner, Digital Pen, Rubber Hand Strap, Carrying Handle and Power Supply with cord. Includes 3 year of standard warranty (batteries included), NIST BIOS, TPM 2.0, CAC card slot, AGM/RME Configuration Load, UID Label, Contractor ID Label	Army customers Army Gold Master (AGM) current version, All other customers Windows 10 IoT
0001HA	HHT-H, Small Display, Integrated Imager, Qwerty Or Numeric Or Alphanumeric Keypad, And NI Certified	MC930B-GSHFG4NA-TI	Zebra MC9300-G, Radios Disabled (BATCH), STD. Range 2D Imager SE4770, 4.3" Display, 4GB RAM/32GB Flash, 53-3270 Key, Android GMS, TAA Compliant, FIPS, NON-INCENDIVE CLASS 1 DIV 2, 7000 MAH Battery, 3 YEAR Warranty, Contractor Labels	Android 10 GMS

	(Android Operating System)			
0001JA	HHT-J, Small Display, Integrated Imager Extended Read Range, Qwerty Or Numeric Or Alphanumeric Keypad, AND NI Certified (Android Operating System)	MC930B-GSEEG4NA-TI	Zebra MC9300-G, WLAN, Long Range 2D Imager SE4850, 4.3" Display, 4GB RAM/32GB Flash, 53-3270 Key, Android GMS, Bluetooth,TAA Compliant, FIPS, NON-INCENDIVE CLASS 1 DIV 2, 7000 MAH Battery, 3 YEAR Warranty, Contractor Labels and Apriva CAC Reader	Android 10 GMS
0003AA	Imager for PC Input - General Bar Code (Tethered)	DS3608-SR00CC3VTNA	Zebra DS3608 Corded Rugged Scanner, Area Imager, Standard Range, Corded, Industrial Green, Vibration Motor, scan engine SE4710	CAACJC10-001-R01D0.DAT
0003AB	Imager for PC Input - General Bar Code (Bluetooth)	DS3678-SR0FCC3VTNA	Zebra DS3678 RUGGED, CORDLESS, AREA IMAGER, STANDARD RANGE, CORDLESS, FIPS, INDUSTRIAL GREEN, VIBRATION MOTOR, BT, scan engine SE4850	CAACKC10-001-R01D0.DAT
0003AC	Imager for PC Input - IUID Label Markings	DS3608-DP20CC3VTNA	ZEBRA EVM, DS3608, DPM 1D/2D IMAGER, VIBRATION MOTOR, INDUSTRIAL GREEN, scan engine SE4750	CAADJC11-001-R01D1.DAT
0003AD	Imager for PC Input - IUID Direct Part Markings	DS3608-DP20CC3VTNA	ZEBRA EVM, DS3608, DPM 1D/2D IMAGER, VIBRATION MOTOR, INDUSTRIAL GREEN, scan engine SE4750	CAADJC11-001-R01D1.DAT
0003AE	Imager for PC Input – Extended Read Range	DS3608-ER20CC3VTNA	ZEBRA EVM, DS3608, Extended Range 1D/2D IMAGER, VIBRATION MOTOR, INDUSTRIAL GREEN, scan engine SE4750	CAADJC11-001-R01D1.DAT
0005AA	Portable/Wearable Bar Code Label Printer	ZQ52-BUE0010-G7	Zebra Printer ZQ521, US GOV (FIPS), media width 4.45"/113mm; English/Latin fonts, Bluetooth 4.X, TAA, SMART BATTERY, AC ADAPTER, Host/PC/HHT interface cable 6', ZQ500 Series Zebra OneCare Essential 3 Year Comprehensive Warranty, UID Label, Contractor ID Label, Bluetooth Warning Label	SP76-004948A
0005BA	Stationary Bar Code Label Printer	ZT51042-T01000GA	ZEBRA TT BAA/TAA PRINTER ZT510; 4", 203 DPI, US CORD, One RS-232 Serial connector, One USB 2.0,	V80.20.18Z

			Gigabit Ethernet card with RJ45 connector, Windows 10 drivers, Bluetooth (factory disabled prior to shipping), Label tear bar, Monochrome display, ZPL, USB cable, contractor label and product information sheet for Bluetooth enablement	
0005BB	Stationary Bar Code Label Printer with Installed Take-Up Reel	ZT51042-T21000GA	ZEBRA TT BAA/TAA PRINTER ZT510; 4", 203 DPI, US CORD, One RS-232 Serial connector, One USB 2.0, Gigabit Ethernet card with RJ45 connector, Windows 10 drivers, Bluetooth (factory disabled prior to shipping), Label tear bar, Monochrome display, ZPL, USB cable, with Rewind, contractor label and product information sheet for Bluetooth enablement	V80.20.18Z
0007AA	Laser Marking Equipment	CS22-LRS-0006	Trotec Speedy 100A 40-Watt Co2 Flatbed Laser; w/1.5" lens & Air Assist Pump (comes with 2-year warranty)	Speedy100_8010_Firmware_10_22.tuz
		CS16-FUM-0001B	Quatro SPH426 fume extractor (120v), brush type system, low to moderate volumes (Fits Speedy applications) (comes with 1-year warranty)	R17.2
		CS19-SFW-0053, CS19-SFW-0052	SEAGULL SCIENTIFIC, BARTENDER 2019 Professional Application and Printer Software	2019
0007AC	Desktop Verifier	Axicon 15500	Axicon 15500 Linear and 2D barcode verifier. The Axicon 15500 will verify marks with cell sizes from 7.5 mils to 25 mils and up to one square inch in overall size. The 15500 will include a USB-to-USB interface cable to connect to a computer operating Windows 10 (or latest version), and will include necessary software to produce, store, and print verification reports for each mark verified. Verification will be in compliance with Mil-Std 130.	0.11.5397
0009AA	Radio frequency access point (indoor environment)	Aruba AP-318	RF Access Point (Indoor) Aruba AP-318 (US) FIPS/TAA Indr Hrdnd AP	Aruba OS 8.5.0.3

0009AB	Radio frequency access point (NEMA)	Aruba AP-375	RF Access Point (NEMA) AP-375 (US) FIPS/TAA Integrated Omni Antenna Outdoor AP	Aruba OS 8.5.0.3
0009AC	Radio frequency gateway	Aruba JW187A	RF Access Point (Office) Aruba AP-325 TAA 4x4:4 802.11ac AP	Aruba OS 8.5.0.3
0009AD	Radio frequency access point (NEMA)	Aruba 7205	RF Gateway Aruba 7205 (RW) FIPS/TAA-compliant Controller	Aruba OS 8.5.0.3
0011AA	Transit Case Configuration, Small Arms Room Kit	DS3608-DP20CC3VTNA	ZEBRA EVM, DS3608, DPM 1D/2D IMAGER, VIBRATION MOTOR, INDUSTRIAL GREEN, scan engine SE4750	CAADJC11-001-R01D1.DAT
		HL-2230	Portable Laser Printer	1.17 Firmware
		CF-33BFPGZVM	Win10 Pro, Intel Core i7-7600U 2.80GHz, vPro, 12.0in QHD Gloved Multi Touch+Digitizer, 16GB, 512GB SSD, Intel Wi-Fi a/b/g/n/ac, TPM 2.0, BT, Dual Pass (Ch1:none/Ch2:none), Infrared Webcam, 8MP Cam, Insertable Smartcard	Army customers Army Gold Master (AGM) current version, All other customers Windows 10 Pro
0013AA	Bar Code Label Design and Printing Software Bar Code Label Design and Printing Software	BTP-1	SEAGULL SCIENTIFIC, BARTENDER 2019 PROFESSIONAL: APPLICATION LICENSE + 1 PRINTER	2019
0013AB	Small Arms Room Management Software	APP-AAM-CL	Apptricity Armory Asset Management Software	v7.5
0016AA	pRFID Fixed Reader w/antennas	FX7500-22320A50-US	ZEBRA EVM/DCS, FX7500, 2 PORT RFID READER, EPC CLASS 1 GEN2, LINUX, AN480 RFID ANTENNAS, BRACKET, CABLES, 3 YEAR WARRANTY	LINUX
0016HA	Handheld Terminal Passive (HHT-P)	MC333U-GJ4EG4FT	ZEBRA EVM/DCS, MC333XR, UHF RFID, CIRCULAR ANTENNA, Batch Radios Disabled, STANDARD RANGE 2D IMAGER (SE4770), 47 KEY, EXTENDED BATTERY, ANDROID GMS, 4GB RAM / 32GB ROM, FIPS AND TAA, USB/CHARGING CABLE, PWR SUPPLY, 3 YEAR WARRANTY.	Android 11 (Upgradeable to Android 14)

0020AA	pRFID Thermal Transfer Printer	ZT41142-T0100AGA	ZEBRA AIT, PRINTER, ZT411, 4", 203 DPI, US CORD, SERIAL, USB, 10/100 ETHERNET, BLUETOOTH 4.1/MFI, USB HOST, RFID UHF ENCODER: US & CANADA, EZPL TAA, TT, Ribbon, USB 10' Cable, 3 Year Warranty	Link OS
0020EA	Printer Software	BTP-1-3YR	SEAGULL SCIENTIFIC, BARTENDER 2022 PROFESSIONAL: APPLICATION LICENSE + 1 PRINTER, LICENSE DELIVERED BY EMAIL, INCLUDES 3 YEAR OF STANDARD MAINTENANCE & SUPPORT	2022

2.2 Configuration Status Account Log

The log shown in the table below is a record of all submitted Contract Change Proposals and the current status.

CCP	Change Title	Submitted	Current S/W Name & Version/ Revision	Proposed S/W Name & Version/ Revision	Description of Change	Change Impact	Implementation Cost	CLINs Impacted	In Production	Interim Solution
ACD01	0013AB Software Update	7/10/20	SmarTrack v3.6.2	Apptricity v7.5	Replace existing product	Lower cost of software	$0	0013AB	Current	N/A
ACD02	0001Bx	2/4/21	No change	No change	Replace existing product	Newer Product, Lower Cost	$0	0001Bx	Current	N/A
ACD03	0001Ax	11/4/21	No change	No change	Replace existing product	New Product	$0	0001Ax	Current	N/A
ACD04	0001Cx	11/4/21	No change	No change	Replace existing product	New Product	$0	0001Cx	Current	N/A
ACD05	0005AA and 0005AC	1/24/22	No change	No change	Replace existing product	New Product	$0	0005AA and 0005AC	Current	N/A
ACD06	0001BN	1/31/22	No change	No change	New Product	New Product	$0	0001BN	Current	N/A
ACD07	0001AA	9/15/22	No change	No change	New part number	New part number	$0	0001AA	Current	N/A
ACD08	0001CA	10/6/23	No change	No change	New part number	New part number	$0	0001CA	Current	N/A

ACD09	0001AA	12/8/23	No change	No change	New part number	New part number	$0	0001AA	Current	N/A
AMP02	0001HA and 0001JA	11/17/23	Android 10 GMS	Android 10 GMS	New product addition	New product addition	$0	0001HA and 0001JA	Current	N/A
AMP03	0016XX, 0018XX, 0020XX	09/30/24	NA	NA	New pRFID product addtions	New products	$0	0016XX, 0018XX, 0020XX	Current	NA

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3.0 Hardware

3.1 CLIN x001AA, Hand Held Terminal-A

Hand Held Terminal-A (HHT-A) consists of a Panasonic G2 Tablet PC with Win11 operating system, Intel Core i5-10310U 4.4 GHz vPro processor, 10.1" WUXGA tough display, secure Intel Wi-Fi, Bluetooth, laser N6603 for reading 1D/2D bar codes, and battery. HHT-A comes with all required operating systems, firmware, software, cables, and accessories needed to support installation of your business applications and includes a 3 year warranty. It is NI ANSI Haz Loc certified (Class 1/Div 2 Groups A, B, C, D), IP65 and MIL-STD-810G. The G2 is HERO tested.

CLIN x001AA

HHT-A Panasonic FZ-G2 (Win11) includes:

- Panasonic FZ-G2 tablet
- Integrated CAC reader with drivers and client application
- 512GB OPAL Solid-state Drive
- 16GB RAM
- Bridge battery (maintain session during battery change)
- 8MP camera
- Infrared Webcam
- TPM 2.0
- Operational battery
- Operational stylus
- USB 3.0 port

Accessories:		
	Warranty Upgrade to add 2 years (5 total)	**CLIN x001AB**
	Holster and Shoulder Strap	**CLIN x001AC**
	Standard Rechargeable Battery	**CLIN x001AD**
	Multiple Battery Charger	**CLIN x001AE**
	Full Charger/Docking Station	**CLIN x001AF**
	Replacement Digitizer Stylus Pen	**CLIN x001AG**
	Protective Screen Film	**CLIN x001AH**
	Printer Interface Cable	**CLIN x001AJ**
	Rotating Handstrap w/Kickstand	**CLIN x001AK**

3.2 CLIN x001BA, Hand Held Terminal-B

Hand Held Terminal-B (HHT-B) consists of a DT Research 382GL-10B-495CS Tablet PC with Win10 IoT Enterprise operating system, Intel Pentium Silver Quad-Core processor, 8" LED 1280x800 800 NIT display, secured Intel Wi-Fi communications, Bluetooth 4.2 LE, an imager capable of reading both 1D/2D bar codes and battery. HHT-B comes with all required operating systems, firmware, software, cables, and accessories needed to support installation of your business application(s) and be placed into productive operation. The unit is IP65 and MILSTD-810G.

HHT-B includes:

- DT Research 382GL Tablet PC
- Win10 IoT Enterprise operating system
- Integrated CAC reader with drivers and client application
- 256GB Solid-State Drive (SSD)
- 8GB RAM
- NIST compliant BIOS
- Bridge battery (maintain session during battery change)
- Operational battery
- Operational digital pen
- USB port 3.0

Accessories:

Warranty upgrade to add 2 years (5 years total)	**CLIN x001BB**
Holster and Shoulder Strap	**CLIN x001BC**
Standard Rechargeable Battery	**CLIN x001BD**
Multiple Battery Charger	**CLIN x001BE**
Full Charger/Docking Station	**CLIN x001BF**
Replacement Stylus	**CLIN x001BG**
Transparent screen protector	**CLIN x001BH**
Portable printer interface cable	**CLIN x001BJ**
Detachable hand strap	**CLIN x001BK**
Carrying case	**CLIN x001BM**
Pistol grip handle	**CLIN x001BN**

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3.3   CLIN x001CA, Hand Held Terminal-C

Hand Held Terminal-C (HHT-C) consists of a DT Research 301Y Tablet PC with Win10 IoT Enterprise operating system, Intel Core i5 vPro processor, 10.1" Capacitive Multi-Touch Display, secure Wi-Fi, Bluetooth 5.2, N4680 Scanner for reading 1D/2D bar codes, and battery. HHT-A comes with all required operating systems, firmware, software, cables, and accessories needed to support installation of your business applications and includes a 3 year warranty. It is IP65, MIL-STD-810H and MIL-STD-461F. The 301Y is HERO tested.

CLIN x001CA

HHT-C includes:

- DT Research 301Y tablet
- Integrated CAC reader with drivers and client application
- 512GB Solid-state Drive
- 16GB RAM
- Bridge battery (maintain session during battery change)
- Front and rear cameras
- Antimicrobial coating
- Operational battery
- Operational stylus
- USB 3.0 and USB Type-C ports

Accessories:	Warranty Upgrade to add 2 years (5 total)	**CLIN x001CB**
	Holster and Shoulder Strap	**CLIN x001CC**
	Standard Rechargeable Battery	**CLIN x001CD**
	Multiple Battery Charger	**CLIN x001CE**
	Full Charger/Docking Station	**CLIN x001CF**
	Replacement Stylus Pen	**CLIN x001CG**
	Protective Screen Film	**CLIN x001CH**
	Printer Interface Cable	**CLIN x001CJ**
	Rotating Handstrap w/Kickstand	**CLIN x001CK**

3.4 CLIN x001HA, Hand Held Terminal-H

Hand Held Terminal-H (HHT-H) consists of a Zebra MC9300 handheld with an Android GMS operating system, Qualcomm Snapdragon 660 octa-core CPU, 4.3" WVGA color display, radios disabled, SE4770 standard range scanner for reading 1D/2D bar codes, and battery. HHT-H comes with all required operating systems, firmware, software, cables, and accessories needed to support installation of your business applications and includes a 3 year warranty. It is IP65 and MIL-STD-810G.

CLIN x001HA

HHT-H includes:

- Zebra MC9300 Hand Held Terminal
- Android GMS
- 32GB Flash
- 4GB RAM
- Standard range imager
- Non-incendive rated
- Radios disabled
- Operational battery
- Operational stylus
- TAA Compliant

Accessories:	Warranty Upgrade to add 2 years (5 total)	**CLIN x001HB**
	Holster and Shoulder Strap for no pistol grip (N/A)	**CLIN x001HC**
	Holster and Shoulder Strap for pistol grip unit	**CLIN x001HD**
	Spare Rechargeable Battery	**CLIN x001HE**
	Multiple Battery Charger	**CLIN x001HF**
	Full Charger/Docking Station unit no pistol grip (N/A)	**CLIN x001HG**
	Full Charger/Docking Station unit with pistol grip	**CLIN x001HH**
	Replacement Stylus Pen	**CLIN x001HJ**
	Protective Screen Film	**CLIN x001HK**
	Detachable Hand Strap	**CLIN x001HL**
	Printer Interface Cable	**CLIN x001HM**
	Battery Charger only, adapter/cable	**CLIN x001HN**
	Pistol Grip Handle (N/A)	**CLIN x001HP**
	USB Cable Assembly	**CLIN x001HQ**

3.5 CLIN x001JA, Hand Held Terminal-J

Hand Held Terminal-J (HHT-J) consists of a Zebra MC9300 handheld with an Android GMS operating system, Qualcomm Snapdragon 660 octa-core CPU, 4.3" WVGA color display, wireless LAN, long range scanner for reading 1D/2D bar codes, Apriva CAC reader/software and battery. HHT-H comes with all required operating systems, firmware, software, cables, and accessories needed to support installation of your business applications and includes a 3 year warranty. It is IP65 and MIL-STD-810G.

HHT-H includes:

- Zebra MC9300 Hand Held Terminal
- Android GMS
- 32GB Flash
- 4GB RAM
- Long range scanner/imager
- Non-incendive rated
- FIPS certified
- CAC reader and software
- Operational battery
- Operational stylus
- TAA Compliant

CLIN x001JA

Accessories:	
Warranty Upgrade to add 2 years (5 total)	**CLIN x001JB**
Holster and Shoulder Strap for no pistol grip (N/A)	**CLIN x001JC**
Holster and Shoulder Strap for pistol grip unit	**CLIN x001JD**
Spare Rechargeable Battery	**CLIN x001JE**
Multiple Battery Charger	**CLIN x001JF**
Full Charger/Docking Station unit no pistol grip (N/A)	**CLIN x001JG**
Full Charger/Docking Station unit with pistol grip	**CLIN x001JH**
Replacement Stylus Pen	**CLIN x001JJ**
Protective Screen Film	**CLIN x001JK**
Detachable Hand Strap	**CLIN x001JL**
Printer Interface Cable	**CLIN x001JM**
Battery Charger only, adapter/cable	**CLIN x001JN**
Pistol Grip Handle (N/A)	**CLIN x001JP**
USB Cable Assembly	**CLIN x001JQ**

3.6 Hand Held Terminal Separately Orderable Components

HHT-A

Holster Shoulder Strap

x001AC

Toughbook Mobility Bundle, adjustable black shoulder strap/handle for Panasonic FZ-G2 model tablets. Photo shows installed on unit.

Rechargeable Battery

x001AD

Panasonic spare, standard battery for the FZ-G2.

Multiple Battery Charger

x001AE

Panasonic 4 Bay Battery Charger for FZ-G2. Includes 110W AC Adapter.

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Docking Station

This Panasonic FZ-G2 docking station provides 4 USB ports, 2 HDMI, LAN, And serial ports, as well as a cable lock slot.

x001AF

Replacement Digitizer Pen

x001AG

This CLIN consists of a replacement pen for the FZ-G2.

Transparent Screen Protector

Consists of 10.1" protector film plus application tool.

x001AH

Portable printer interface connection and cable

x001AJ

This Zebra printer cables allows connecting between the USB port on the FZ-G2 and the Zebra Portable/Wearable Bar Code Label Printer (x005AA).

Detachable hand strap

x001AK

Detachable rotating hand strap and corner guards for the Panasonic FZ-G2.

HHT-B

Holster, Shoulder Strap

DT Research DT382GL holster and detachable, padded shoulder strap is easily adjustable and allows the user to sling the Rugged Tablet PC over the head for secure carrying in a protective pouch.

x001BC

(Shown with tablet inserted for illustration purposes.)

Rechargeable Battery

x001BD

DT Research DT382GL spare, rechargeable battery pack. Each battery provides over 8 hours of use.

Multiple Battery Charger

The DT Research 6-bay charger allows simultaneous charging of up to 6 DT382GL batteries and comes with AC power supply and cord.

x001BE

Docking Station

LAN Port   HDMI Output

USB Type-C Port   USB Ports
(power-input)

USB Port   USB Port

This DT382GL docking station has Ethernet, USB 2.0 [2], HDMI, VGA adapter, providing dual monitor support. The external power supply is included.

x001BF

Replacement Stylus

DT Research Digital Pen for accurate, fast, smooth operation and accessibility.

x001BG

Transparent Screen Protector

This screen protector provides scratch protection for the display while still allowing full usability of the touch screen interface. One protector provided per CLIN.

x001BH

Portable printer interface connection and cable

x001BJ

This Zebra printer cable allows connecting between the USB port on the DT382GL and the Zebra Portable/Wearable Bar Code Label Printer (x005AA).

Detachable Hand Strap

x001BK

Detachable hand strap allows the simple use of the DT382GL tablet using one hand to secure and balance the unit.

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Carrying case

x001BM

The DT382GL is already rated at IP65. Please see aforementioned options for carrying tools.

Pistol Grip and Handle

x001BN

HHT-B Pistol Grip handle and trigger for the barcode scanner module. Simple use of the DT382GL tablet for scanning. Photo of Handheld Pistol Grip installed on DT 382GL.

HHT-C

Holster and Shoulder Strap

x001CC

DT Research Carrying Case and Shoulder Strap. Photo shows installed on unit.

Rechargeable Battery

x001CD

DT Research spare, standard battery for the DT301Y.

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Multiple Battery Charger

x001CE

DT Research 6 Bay Battery Charger for DT301Y. Includes 110W AC Adapter.

Docking Station

x001CF

This DT Research docking station provides connectivity: 4 USB, Ethernet, HDMI, Type C, and USB Adapter to VGA.

Replacement Digital Pen

x001CG

This CLIN consists of a replacement pen/stylus for the DT301Y.

Transparent Screen Protector

x001CH

User-replaceable film screen protects the display from scratches and repeated use. Comes with microfiber cleaning cloth and dust-absorber to make the applying process an easy task

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Portable printer interface connection and cable

x001CJ

This Zebra printer cables allows connecting between the USB port on the DT301Y and the Zebra Portable/Wearable Bar Code Label Printer (x005AA).

Detachable hand strap

x001CK

Detachable hand strap for the DT301Y.

HHT-H and HHT-J

Holster and Shoulder Strap for Unit With No Pistol Grip – Not Applicable

x001HC and x001JC

Holster and Shoulder Strap for Unit With Pistol Grip

x001HD and x001JD

Zebra Carrying Case and Shoulder Strap. Photo shows installed on unit.

Rechargeable Battery

x001HE and x001JE

Zebra spare, non-incendive battery for the MX93xx.

Multiple Battery Charger

x001HF and x001JF

Zebra 4 Bay Battery Charger for MC93xx. Includes 110 AC Adapter.

Docking Station for Unit with No Pistol Grip – Not Applicable

x001HG and x001JG

Docking Station for Unit with Pistol Grip

x001HH and x001JH

Zebra docking station (shown with unit in dock) provides connectivity: USB, Type C, and Ethernet Adapter. Includes 110 AC power adapter and cord.

Replacement Digital Pen

x001HJ and x001JJ

This CLIN consists of a pack of 3 each replacement pen/stylus for the MC93xx.

Transparent Screen Protector

x001HK and x001JK

Zebra MC93xx user-replaceable tempered glass screen protects the display from scratches and repeated use.

Detachable Hand Strap

x001HL and x001JL
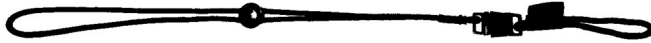
Detachable hand strap for Zebra MC93xx.

Portable printer interface connection and cable

x001HM and x001JM

This Zebra printer cables allows connecting between the USB port on the MC93xx and the Zebra Portable/Wearable Bar Code Label Printer (x005AA).

Battery Charger Only, Cable Adapter

x001HN and x001JN

USB cable provides fast charge capabilities for single battery and allows USB communications with the MC93xx. Power adapter included.

Pistol Grip Handle – Not Applicable, Pistol Grip Comes Standard on Unit

x001HP and x001JP

USB Cable Assembly

x001HQ and x001JQ

6FT USB 2.0 USB-C TO USB-A CABLE
M/M - BLACK.

3.7 CLIN x003, Barcode Imagers for PC Input

CDO Technologies offers industry leading Zebra imagers/scanners which share the following characteristics.

Physical Characteristics (all except x003AB)

Dimensions:	7.3 in. H x 3.0 in. W x 5.2 in. D (or) 18.5 cm H x 7.6 cm W x 13.2 cm D
Weight (w/o cable):	10.76 oz. (305 gm)
Input Voltage:	4.5-5.5 VDC
Operating Current:	360mA (average)
Power Sources:	USB interface
Color:	Black/Green

Physical Characteristics (x003AB)

Dimensions:	7.3 in. H x 3.0 in. W x 5.6 in. D (or) 18.5 cm H x 7.6 cm W x 14.2 cm D
Weight (w/o cable):	14.34 oz. (407 g)
Input Voltage:	11.4-12.6 VDC
Operating Current:	360mA (average)
Power Sources:	3100mAh battery in scanner, 100-250VAC power supply for base.
Color:	Black/Green

Precautions: CAUTION: Laser light – do not stare into beam.

Cables: All required cables are provided as part of these CLIN.

Specifying Equipment Destination

Geographic destination must be specified on the order to ensure that appropriate power cables/adapters are provided.

Differences among the different barcode imager/scanner offerings are summarized in the table following.

CLIN	1D (Linear)	2D	DPM/IUID	Cordless	Extended Range
x003AA	☒	☒	☐	☐	☐
x003AB	☒	☒	☐	☒	☐
x003AC	☒	☒	☒	☐	☐
x003AD	☒	☒	☒	☐	☐
x003AE	☒	☒	☐	☐	☒

NOTE: CLIN x003AA and x003AB will read _most_ IUID labels but cannot parse the UII nor reliably read DPM labels.

3.7.1 CLIN x003AA, Imager for PC Input - General Bar Code (Tethered)

Imager for PC Input - General Bar Code (w/Data Conversion) is a Zebra DS3608-SR with an included 9-foot USB Cable and desk top stand. The DS3608-SR offers the flexibility to meet the needs of a wide variety of applications and environments, with 1D and 2D bar code scanning as well as support for a wide variety of interfaces for easy integration with new and legacy systems. The DS3608-SR is designed to streamline inventory management in scan intensive, fast-paced environments, from the largest warehouse to the retail backroom, where a quick scan enables the automatic and accurate capture of the information required to increase productivity and reduce errors. At the receiving dock, a scan of the bar code on the boxes, pallets or bill of lading enables automatic reconciliation of incoming shipments for faster processing of incoming goods. In put-away and picking, a quick scan can determine where product should be stored and also verify that product was placed on the right shelf, eliminating false out-of-stocks due to misplacement — and lost sales. In shipping, a quick scan verifies that the right shipment is addressed to the right person, eliminating costly mis-ships.

CLIN x003AA

3.7.2 CLIN x003AB, Imager for PC Input - General Bar Code (Bluetooth)

Imager for PC Input – General Bar Code (Bluetooth) is a Zebra DS3678-SR with a cradle and connectivity cables. Combination 1D and 2D bar code scanning plus image capture and FIPS level Bluetooth wireless connectivity. The Zebra DS3678 Series of rugged, cordless digital scanners bring comprehensive, high performance data capture to harsh industrial environments to improve business efficiency. Engineered with breakthrough digital imaging technology, this scanner family delivers extremely fast and accurate data capture of one-dimensional (1D) and two-dimensional (2D) bar codes, and images. All models are FIPS 140-2 compliant, right out of the box. Just scan the included Enable FIPS Encryption bar code to activate FIPS security.

CLIN x003AB

3.7.3 CLIN x003AC/x003AD, Imager for PC Input - IUID Label and Direct Part Markings

Imager for PC Input - IUID Label and Direct Part Markings is a Zebra DS3608-DP with an included 9-foot USB Cable and Intellistand. Combination 1D and 2D bar code scanning plus image capture. Offers the flexibility to meet the needs of a wide variety of applications and environments, with 1D and 2D bar code scanning as well as support for a wide variety of interfaces for easy integration with new and legacy systems. The DS3608-DP also has the capture and high-speed transfer of photographs via the USB or RS232 interface. In addition to improving the efficiency of inventory management, the device can also provide invaluable photographic proof of condition. Both of the offered CLINs will optionally parse out UII elements.

CLIN x003AC/AD

3.7.4 CLIN x003AE, Imager with Extended Range for PC Input

Imager with Extended Range -- The Zebra DS3608-ER variant, a member of the Zebra 3600 Ultra-Rugged Series of scanners, is a practically indestructible 1D/2D corded scanner ready for one of the world's toughest environments — the warehouse. Designed to capture any 1D or 2D barcode from near contact to as far as 70 ft./ 21.4 m away, these scanners provide the ultimate in versatility — workers can capture large picklist codes and small codes at near contact as easily as barcodes on pallets and location codes on the top of your warehouse racks. And truly unstoppable performance helps you drive throughput, accuracy and customer service to a new level. The DS3608-ER imager has the capability of reading extended range linear barcodes (up to 100 mil 'x' dimension on retro- reflective or plain backing) at a range of up to 15 feet and has integrated laser pointer aiming capability.

CLIN x003AE

3.8 CLIN x005, Barcode Printers

CDO Technologies offers durable Zebra printers in configurations to meet the anticipated needs of AIT-6 customers.

Cables

All required cables are provided with each of the printers offered.

Specifying Equipment Destination

Geographic destination must be specified on the order to ensure that appropriate power cables/adapters are provided.

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3.8.1 CLIN x005AA, Portable/Wearable Bar Code Label Printer

Zebra's ZQ521 mobile printer offers best-in-class, rugged mobile printing for a variety of applications. The premium 4" (104 mm) ZQ521 printer is Zebra's next generation of high-performance mobile printer. The printers' patented, military-grade design provides exceptional durability and reliability in the toughest environments.

CLIN x005AA

These printers can withstand the drops, bangs, bumps, accidents and environmental extremes that are common in mobile workplaces—making them ideal for on-the-go workers whose productivity depends on maximum printer functionality. The included belt clip is easily installed and will help reduce these workplace hazards. With Zebra's ZQ521 printer, you gain the peace of mind knowing your mobile printers will not only withstand the elements, but also provide the power, connectivity and reliability your mobile workers need. Qualified by a third-party laboratory per MIL-STD 810G for drop and vibration test procedures, the ZQ521 printers feature a unique combination of an IP54 rated design for protection from dust ingress and water spray and engineering details—making these printers the most rugged mobile printers on the market.

Printer Specifications and Features:

- FIPS 140-2 WLAN 802.11ac
- Operating Temperature: -4°F to 131°F (-20°C to 55°C)
- Storage Temperature: -22°F to 150°F (-30°C to 66°C)
- Relative Humidity: Operation: 10% to 90% non-condensing; Storage: 10% to 90% non-condensing
- IP Rating: IP54
- MIL-STD 810G Certified
- Android, Apple iOS, Windows connectivity
- Direct thermal printing of barcodes, text and graphics
- 203 dpi resolution (8 dots per mm)
- 528 MHz ARM processor with 512 MB RAM
- 512 MB Flash supports downloadable programs, receipt formats, fonts and graphics (64 MB available for user storage)
- Built-in battery charger and included AC adapter
- Cold Temperature Compensation mode – which optimizes/ balances print speeds to allow for better print performance at lower temps
- Supports vertical and horizontal printing
- Center-loading media locking for variable roll widths
- Management: PPME, Mirror, SNMP, WebServer, AirWatch and Wavelink Avalanche
- Bluetooth 4.0 Smart Ready Low Energy radio
- USB cable for connectivity to HHT or PC host included
- Radio deactivation option

CLIN x005AB -- Reserved

3.8.2 CLIN x005AC, Battery Charger for Portable/Wearable BC Label Printer

Battery Charger for Portable/Wearable BC Label Printer. Zebra Model SAC-MPP-1BCHGUS1 Lithium-Ion Fast Charger for Portable/Wearable Bar Code Label Printer (CLIN x005AA).

Zebra chargers offer reliability and longevity for mobile printing charging. Single bay chargers provide approximately four hours of charge.

Main Features

Input Voltage Range 110-230 VAC, 50-60 Hz

CLIN x005AC

3.8.3 CLIN x005AD, Carrying Case with Strap for Portable/Wearable BC Label Printer

Carrying Case with Strap for Portable/Wearable BC Label Printer. Zebra Model P1063406-037 Nylon soft case and carrying strap for Portable/Wearable Bar Code Label Printer (CLIN x005AA). Provides IP54-level intrusion protection against dust and moisture.

CLIN x005AD

3.8.4 CLIN x005AE, 4" x 6 " Labels for Portable/Wearable BC Label Printer

4" x 6" Labels for Portable/Wearable BC Label Printer. Zebra Part Number 10033483. roll of 4"x6" Thermalock 4000D high-performance labels (minimum 70 labels per roll) that are fade resistant, tearproof, waterproof, chemical resistant, outdoor rated, and have an extreme temperature rating of up to 248F.

CLIN x005AE

3.8.5 CLIN x005BA and x005BB, Stationary Bar Code Label Printer

Stationary Bar Code Label Printer. Zebra model ZT510 industrial printer. Includes ZT510 printer; 37996 (15-foot USB data cable). Accommodates label stock up to 4 inches in width. Print density 203 dpi, variable print speeds up to 12 inches per second. Thermal Transfer or Direct Thermal printing. US power cord included by default.

CLIN x005BB is identical to CLIN x005BA except for the addition of a media rewind spindle.

CLIN x005BA and x005BB

Required Additional Equipment/Cables or Precautions

May require print media, such as can be found in x005BC, x005BD, and x005BE for operation.

Main Features

The ZT510 has an all-metal design with sealed dome buttons to prevent the ingress of dust, dirt and moisture. Built on the legacy of Zebra's 105SL, the ZT510 has a faster processor, with a backlit multi-line display and onboard sensors for advanced troubleshooting. The new unit has advanced management and monitoring capabilities, including the use of cloud-based applications to manage routing, firmware and configuration. Multiple connectivity options including parallel, USB and Ethernet coupled with full backward compatibility makes integration fast and simple.

Printer Specifications and Physical Characteristics

Resolution:	203 dpi/8 dots per mm
Print Width:	4.09"/104 mm
Print Length:	150"/3,810 mm
Print Speed:	12"/305 mm per second
Width:	10.56"/268.2 mm
Height:	15.58"/395.68 mm
Depth:	20.17"/512.33 mm
Weight:	50 lbs/22.7 kg

3.8.6 CLIN x005BC, Roll of 4" by 6" Synthetic Label Stock for Stationary BC Label Printer

Roll of 4" by 6" Synthetic Label Stock (8-inch diameter roll) for Stationary BC Label Printer (1 roll). Zebra Part Number 10008530 PolyPro 4000T, 4" x 6".

Main Features

Thermal transfer synthetic labels. White matte polypropylene facestock offering some flexibility for labeling curved surfaces. Resistant to scratching and smearing, temperatures up to 250 degrees F (121 degrees C) and 1-2 years outdoors. 720 labels/roll.

CLIN x005BC

3.8.7 CLIN x005BD, Roll of 4" by 3" Synthetic Label Stock for Stationary BC Label Printer

Roll of 4" by 3" Synthetic Label Stock (8-inch diameter roll) for Stationary BC Label Printer. Zebra Part Number 10008531 PolyPro 4000T, 4" x 3".

Main Features

Thermal transfer synthetic labels. White matte polypropylene facestock offering some flexibility for labeling curved surfaces. Resistant to scratching and smearing, temperatures up to 250 degrees F (121 degrees C) and 1-2 years outdoors. 1420 labels/roll.

CLIN x005BD

3.8.8 CLIN x005BE, Resin Ribbon for 4" Width Labels for Stationary BC Label Printer

Resin Ribbon for 4" Width Labels for Stationary BC Label Printer (1 roll). Zebra Part Number 06200BK11045 .

Main Features

The Zebra 5095 Performance Resin is a performance resin ribbon for printing high-density barcodes and high-resolution graphics on a wide range of materials from matte to gloss synthetics. Offers exceptional print quality, durability and chemical resistance. UL recognized and CSA component acceptable when used with Zebra approved labels.

CLIN x005BE

3.9 CLIN x007, IUID Marking Equipment and Verifiers

3.9.1 CLIN x007AA, Laser Marking Equipment
3.9.1.1 Description of Equipment Features

Trotec Speedy 100 series 40-watt upgradable Co2 flatbed laser engraver with integrated air assist pump, Seklema multi-mat static friction engraving material, and trolley floor stand. This laser system is by far the most reliable solution available in the marketplace today for engraving IUID markings on temperature resistant laser etchable layered polyacrylic label material. The Trotec has a working bed size of 24" x 12", with a max workpiece height of 6.7". This workspace is outfitted with a steel (magnetic) engraving table, as well as our recommended static friction engraving material to hold the polyacrylic label stock perfectly flat in the engraving chamber for best quality engraving results.

Technical performance details of this laser platform are detailed below.

Modular options of the Speedy 100 laser engraving machine

- Quatro SPH-426 Self Contained HEPA/Active Carbon Filtration
- Multi-layered inlet knock out pad
- 30% ASHRAE rated pleated filter
- 99.97% on 0.3 microns certified medical grade HEPA filter
- 8" deep general-purpose chemical filter module
- Integrated Air Assist Pump

Trotec engraver w/floor stand – CLIN x007AA

CeramiCore® Technology

- Unique in industry, guaranteed longer life and precision stability over time
- Reliability, highest engraving quality and longevity, fastest pulse speeds in industry
- Innovative architecture features a lower energy consumption of up to 30%

InPack Dust Protection for Higher Productivity

- InPack Technology provides optimal protection for all moving components, even for intensive use
- Trotec laser machines operate with virtually no maintenance or cleaning requirements
- Higher productivity and lower lifetime operating costs with Trotec "Speedy" platform across industry
- Rotary encoders for precision movement, best in class. Steel reinforced drive-belt, unique in industry
- Best engraving speed in class (110"/sec), THK gantry rail, self-pack bearings, brushless DC servo motors
- Trotec lasers have been designed to protect sensitive components against dust. The lens, the mirrors, electronics, motors, and axes are mounted in a manner to prevent any contact with dust and debris.

Job Control X Award Winning Operational Laser Software

Trotec laser systems are connected to the computer via a USB cable that is used for transmitting commands. However, the bi-directional communication also supports the sending of information from the laser back to the computer. This allows you to perform the following actions from the computer, among others:

- Start and stop the laser, monitor the progress of your laser job from your PC workstation
- Change the processing speed and the laser performance during the process
- Read information on the degree of saturation of the filtration system
- Read the exact position of the processing head on a crosshair
- Shared print spooling, print job queue, (unlimited/achievable/repeatable), residing on host PC, no buffer
- What-you-see-is-what-you-get (WYSIWYG) interface: Your computer screen is a "virtual laser machine"
- Engraving time calculator: Job Control indicates the time of the laser process beforehand
- Job favorites: Save laser settings (size, material, resolution, cut lines, etc.) for repeating jobs. Saves setup time and reduces the risk of errors
- Material database: Adding, changing, or deleting materials and templates is extremely easy. In addition, materials, material groups or the complete material database can be locked against change.

Placement of Laser
- Operating Environment: 59F to 77F
- Air Humidity: should not exceed 40% to 70%, not condensing
- Laser Dimensions (approx. width/depth/height): 39in x 30in x 18in
- Laser Weight (approx.): 194lbs
- Exhaust Dimensions (approx. width/depth/height): 13in x 16in x 29in
- Exhaust Weight (approx.): 70lbs

Power Consumption
- Laser = 1900W -17A

Note: All power calculations are based off 110V

Safety: The Trotec SP100 is fully equipped with laser safety features, and includes a fully enclosed chassis with double, safety interlock system, laser safety class 2 enclosure. The interlock system will prevent operation of the machine when not properly closed for operator safety. The see-through design of the enclosure allows the operator to monitor the progress of the engraving during operation, without requiring the additional use of laser safety goggles.

IUID Label Production: BarTender Automation software from Seagull Scientific provides a WYSIWYG interface, allowing users to easily design and create custom labels and forms to meet Government formats. With a WYSIWYG design capability, it is easy to combine bar codes, text, and graphics into professional quality labels. BarTender's robust toolbox provides instant access to an extensive set of predefined components.

Required Additional Equipment/Cables or Precautions

All required cables are provided as part of this CLIN.

Specifying Equipment Destination

Geographic destination must be specified on the order to ensure appropriate power cables/adapters are provided.

3.9.2 CLIN x007AB, Adhesive Film Stock

CDO offers the tesa label as the consumable supply of the laser marking application. The tesa 6973 Laser Black Matte Label is widely used across DoD for UID part marking. This label material offers a cutting-edge alternative to conventional coding, identification, and marking methods. As robust as metal plates, yet with the flexible handling associated with labels, tesa Secure 6973 laser labels are suitable for endless marking applications that require durability, flexibility, and resistance to forgery.

Special product properties of tesa Secure 6973

- Can be engraved and die-cut in one easy step using Nd:YAG or CO2 lasers
- Resistant to abrasion, grease, oils, and many other chemicals
- Temperature resistant (-50°C to +200°C; -58°F to +392°F)
- 25 sheets, nominal size 5" x 12" provided, custom sizes and shapes can be processed
- Easily applied; no rivets or screws needed
- Durable, abrasion resistant
- Chemical resistant
- Weather resistant
- Tamper-evident
- Peel and stick application
- Flexible handling

3.9.3 CLIN x007AC – Adhesive Film Stock -- Roll

CDO is offering the same tesa label stock discussed in 3.7.2 above, but in rolls. The tesa roll of Secure 6973 PV6 Black Matte stock is 120mm x 200m (4.72"W x 656.2'L).

3.9.4 CLIN x007AD, Axicon 15500 Linear and 2D Barcode Verifier

CDO recommends the Axicon 15500 verifier. This verification equipment will verify Data Matrix ECC 200 marks to International Organization for Standardization 15415, Society of Automotive Engineers International Aerospace Standard 9132A, and Automatic Identification and Mobility Direct Part Mark 1-2006 Standard. Further, the Axicon 15500 will validate data structure encoded in the marks to DoD IUID syntax, MIL Standard 130N, by AIT-6 contract award date. The Axicon 15500 will verify marks with cell sizes from 7.5 mils to 25 mils and up to one square inch in overall size. The 15500 will include a USB-to-USB interface cable to connect to a computer operating Windows 10 (or latest version), and will include necessary software to produce, store, and print verification reports for each mark verified. The 15500 does not require an external power supply as all power is derived through the USB-2 cable. The 15500 Desktop verifier will accommodate label and data plate stock up to 12x24 inches. All required cables are provided as part of this CLIN).

CLIN x007AD

Specifying Equipment Destination

Geographic destination must be specified on the order to ensure appropriate power cables/adapters are provided.

3.10 CLIN x009, Wireless Radio Frequency Data Communications

CDO is offering Aruba spread spectrum radio frequency data communications products to fill the requirement for RF access Points and gateways. All products discussed are currently approved RFDC UC-APL IEEE 802.11 products, to provide wireless infrastructure and WIDS solutions.

3.10.1 CLIN x009AA, Radio Frequency Access Point (indoor environment)

Aruba 318 access point and omni-directional antenna.

Geographic Area of Use:

World-wide (geographic destination must be specified on order).

Main Features:

The Aruba 318 series access point delivers gigabit Wi-Fi performance to 802.11ac mobile devices in harsh, weather protected environments such as warehouses, industrial freezers or enclosures in extreme environments such as stadiums. It delivers 4x4:4SS MU-MIMO capability, Aruba's advanced ClientMatch and an integrated Bluetooth beacon to enable Aruba location services. With a maximum concurrent data rate of 1,733 Mbps in the 5 GHz band and 300 Mbps in the 2.4 GHz band (for an aggregate peak data rate of 2.0 Gbps). AP-318 conforms to the 802.11 standards a/b/g/n/ac. SNMP information is collected, aggregated and presented at the Aruba WLAN controller (gateway) as well as through Aruba's SNMP compliant AirWave WLAN management system

CLIN x009AA

Physical Dimensions/weight (unit, excluding mount accessories):
- **15 cm (W) x 22.2 cm (D) x 7.5 cm (H)**
- **6" (W) x 8.5" (D) x 2.5" (H)**
- **1.225 kg / 2.7 lbs**

NOTE: Due to FCC regulations access points must use frequency bands and power levels specific to the intended country of use. These settings are NOT changeable by the user and the intended country of use MUST be specified at the time of order to ensure that the proper configuration of access point is supplied.

3.10.2 CLIN x009AB, Radio Frequency Access Point (NEMA)

Aruba AP-370 with integrated omni antenna.

Geographic Area of Use:

World-wide (geographic destination must be specified on order).

Main Features:

The Aruba AP-370 Series APs are purpose-built to survive in the harshest outdoor environments. 370 Series APs can withstand exposure to extreme high and low temperatures, persistent moisture and precipitation, and are fully sealed to keep out airborne contaminants. All electrical interfaces include industrial strength surge protection. With a maximum concurrent

CLIN x009AB

802.11ac data rate of 1,733 Mbps in the 5 GHz band and 300 Mbps in the 2.4 GHz band (for an aggregate peak data rate of 2.0 GBPS), the Aruba 370 Series Access Points can quickly add required capacities to your existing or new wireless networks. The high performance and high density 802.11ac the 370 Series support 160 MHz channel bandwidth (VHT160), multi-user MIMO (MU-MIMO) and 4 spatial streams (4SS). AP-318 conforms to 802.11 standards a/b/g/n/ac. SNMP information is collected, aggregated and presented at the Aruba WLAN controller (gateway) as well as through Aruba's SNMP compliant AirWave WLAN management system.

Physical Dimensions/weight (excluding mount):
- **23 cm (W) x 24 cm (D) x 27 cm (H)**
- **9.0" (W) x 9.4" (D) x 10.6" (H)**
- **2.4 kg / 5.3 lbs.**

NOTE: Due to FCC regulations access points must use frequency bands and power levels specific to the intended country of use. These settings are NOT changeable by the user and the intended country of use MUST be specified at the time of order to ensure that the proper configuration of access point is supplied.

3.10.3 CLIN x009AC, Radio Frequency Access Point (office)

Aruba AP 325.

Geographic Area of Use:

World-wide (geographic destination must be specified on order).

Main Features:

Ultra-fast Aruba AP-325 802.11ac Wave 2 APs offer the highest performance in high-density environments and can be managed by a Mobility Controller or deployed in controllerless Aruba Instant mode. These Wave 2 access points deliver multi-user MIMO (MU-MIMO) aware ClientMatch to boost network efficiency and support the growing device density demands on your network. 5 GHz (1,733 Mbps max

CLIN x009AC

rate) and 2.4 GHz (600 Mbps max rate) radios, each with 4x4 MIMO support and a total of eight integrated omni-directional downtilt antennas. The AP-325 ships with two (white) mounting clips to attach to a 9/16-inch or 15/16-inch flat T-bar drop-tile ceiling. Although rated for operation between 32 and 122 degrees Fahrenheit (5-93% non-condensing RH), the AP-325 is not sealed against water, dust, or object ingress.

Physical Dimensions/weight (unit, excluding mount accessories):
- **203 mm (W) x 203 mm (D) x 57 mm (H)**
- **8.0" (W) x 8.0" (D) x 2.2" (H)**
- **950 g/34 oz**

NOTE: Due to FCC regulations access points must use frequency bands and power levels specific to the intended country of use. These settings are NOT changeable by the user and the intended country of use MUST be specified at the time of order to ensure that the proper configuration of access point is supplied.

3.10.4 CLIN x009AD, Radio Frequency Gateway

The Aruba 7200 Series Mobility Controller.

Geographic Area of Use:

World-wide (unit is configurable for region).

Main Features:

Gateway: The Aruba 7200 Series Mobility Controllers (WLAN gateways) offer advanced WLAN, firewall, and VPN gateway functionality for high-performance, high density enterprise environments using IEEE 802.11 WLAN standards (a/b/g/n/ac/ax). Aruba 7200 Series WLAN controllers centralize all control, management and data plane functionality for Aruba Campus and Remote access points (APs) thereby improving AP utilization and client roaming. They also maximize security by enforcing Role-based access control (RBAC) and ensuring that all WPA2/WPA3 encrypted traffic is encapsulated in GRE tunnels for transport between securely associated access points and the WLAN Controller. The Controller 7205 has four (4) 10/100/100 combo Ethernet ports (copper/SFP); two (2) 10 GbE SFP+ ports; micro-USB and RJ-45 serial console ports; and one 10/100/1000 Mb out-of-band Ethernet management port. Controller 7205 can simultaneously terminate secure tunnel connections for up to 256 access points. All Aruba WLAN Controller supports SNMP MIB I and MIB II reporting. SNMP information is collected, aggregated and presented at the Aruba WLAN controller (gateway) as well as through Aruba's SNMP compliant AirWave WLAN management system.

Wireless Intrusion Detection Detail: The Aruba WIDS/WIPS capability is supported when Aruba feature license LIC-RFP is applied to controller on a per AP (LAN and remote) basis. RFProtect enables a lot of advanced features including spectrum analysis, IDS attack detection, and advanced wireless containment. Wireless detection happens at the radio level and then gets fed upstream. Aruba radios can be deployed in a few different modes to fit the needs of the environment. These include AP mode, Air Monitor (AM) mode and Spectrum Monitor (SM) mode. Only the AP mode will serve clients. AP mode will perform wireless rogue scans in 2.4 and 5 ghz, IDS detection and opportunistic wireless containment. AP mode prioritizes client traffic over other functions. AM mode focuses on security. AMs are strongly recommended if wireless containment is to be enabled. SM mode focuses on gathering spectrum data. SMs will perform basic IDS while they scan, but their scanning is focused on classifying interferers. They cannot perform containment because of how they need to scan to classify non-Wi-Fi interferers.

Physical Dimensions:

- **(H) 4.4 cm x (W) 44.5 cm x (D) 44.5 cm (1.75" x 17.5" x 17.5")**
- **Weight (with one AC power supply installed) 7.45 kg (16.43 lbs)**

3.11 CLIN x011, Transit Cases and Transit Case Configurations

3.11.1 CLIN x011AA, Transit Case Configuration, Small Arms Room Kit

CLIN x011AA as offered by CDO will consist of the following items:

One Olive-Drab (OD) ZERO Transitainer™ case with custom designed and manufactured rigid foam inserts, carrying handles sufficient for the total size and weight, automatic pressure/vacuum relief valve, and locking hasps. The custom designed and manufactured foam inserts were chosen for both long life as well as maximum protection of the Transit Case components. All metal hardware is plated for corrosion resistance and blackened. Transitainer cases provide a highly reliable, cost effective alternative to other types of storage, shipping and transit cases. CDO will manufacture and apply all required labeling to include ID Plate, IUID tag, Health and Safety label, and Contractor ID information.

- Made from rotationally molded polyethylene plastic
- Uniform wall thickness
- Compounded color impregnated directly into durable polyethylene plastic shells
- Nearly stress-free shells
- Integrally molded tongue and groove closure for a watertight seal
- Extra rugged corner construction
- Gasketed construction with integral tongue and groove closure interlocks top and bottom for environmental protection
- Recessed hardware for added protection
- Meets ATA 300 Category 1, and applicable portions of
- MIL-PRF-28800, MIL-C-4150 and MIL-STD-108 specifications
- Wide range of colors available using FED-STD-595 guidelines
- Spring-loaded, rattle proof handles with 90° stops
- Cam action, positive locking latches
- Interlocking ribs, top and bottom allow for stacking of containers
- Resists most chemicals and solvents

One Zebra DS3608-DP Rugged Bar Code Imager for inclusion in the Small Arms Room Transit Case Configuration. The DS3608-DP rugged, omni-directional digital scanners bring comprehensive, high-performance data capture to harsh industrial environments. Engineered with breakthrough digital imaging technology, this scanner delivers extremely fast and accurate data capture of 1D/2D bar codes, images and direct part marks (DPM), and supports Item Unique Identification (IUID). Some of the features of the DS3608-DP include:

- Ability to read both 1D and 2D bar codes: Increases productivity by providing one device that can read all industry-standard bar codes
- IUID-enabled: Ability to understand IUID constructs and automatically separate and send the required information to your application
- Ability to read a wide variety of DPM marks: Enhances quality processes and improves lifetime product traceability
- Exceptional motion tolerance: Enables extraordinary scanning speed for all bar codes, increasing throughput and productivity—regardless of application
- Unique aiming pattern: Bright central laser dot ensures quick, accurate scanning—even in bright sunlight
- Omni-directional scanning: Speeds reading time by eliminating the need to line up the bar code with the scan line
- Rugged design withstands multiple 6.5 ft./2 m drops to concrete: Ensures maximum reliability with less downtime resulting from accidental drops
- IP65-rated sealing: Protects against water and dust for reliable performance in harsh industrial conditions

- Integrated image capture and transfer capabilities: Reduces the costs associated with operating and maintaining multiple devices by integrating the technology needed for image capture and transfer
- Bright LED, beeper with adjustable volume and vibrating pager motor: Multiple confirmation modes for positive user feedback in noisy environments
- Advanced data formatting: Eliminates costly modifications to the host software
- Supports 123Scan2 scanner configuration tool: Enables rapid and easy customized set-up through a free, wizard-based PC software tool
- Supports RSM (Remote Scanner Management): Lowers IT expenses and TCO by enabling remote management from a central location

One Elo 1517L-15 LCD 15" touch-screen monitor. The 1517L-15 touch monitor is built to withstand the rigors of continuous public use with a rugged "built for touch" design.

- The 1517L-15 is offered with AccuTouch five-wire resistive technology. AccuTouch is widely used in retail and hospitality environments based on its proven ability to survive splashing liquids, food, and grease.

One Brother HL-L2300D Compact Laser Printer. The Brother™ HL-L2300D is a monochrome laser printer with an automatic duplex capability for printing two-sided documents with ease. It offers fast printing at up to 27 pages per minute, high-quality output, and convenient paper handling via an adjustable, 250-sheet capacity tray. In addition, it features a stylish, space-saving design that complements virtually any environment.

One Panasonic CF-33BFPGZVM Ruggedized (IP 65) Convertible Tablet Computer with Touch Screen Display. Win10 Pro, Intel Core i7-7600U 2.80GHz, 12.0in QHD Gloved Multi Touch+Digitizer, 16GB, 512GB SSD, Intel Wi-Fi a/b/g/n/ac, TPM 2.0, BT, Infrared Webcam, 8MP Cam, Insertable Smartcard (CAC). O/S will be hardened using DISA RME configuration.

One StarTech ST7202USB 7-port USB 2.0 hub (fulfilling requirement for Mini Port Replicator).

One LG GP65NB60 External Super Multi Portable 8X DVD Rewriter with USB 2.0 interface (USB 3.0 compatible), 8X DVD reading/writing and 24X CD reading/writing speeds allows for easy software installation onto the Panasonic CF-33 and for speedy data backup for archival purposes.

One SCM Microsystems SCR3310v2 USB CAC Reader, and ergonomic and cost-efficient design with full USB 2.0 speed (12MB) and support for T0 and T1 protocols and ISO 7816 Class A, B, and C cards.

One Topaz T-S460-HSB-R Signature Pad features low-cost, pressure-sensitive electronic signature pad. The touchpad sensor is protected by an optional replaceable overlay (available off-contract) for longer life.

One Western Digital WDBUZG0010BBK-WESN 1TB external back up hard drive with USB 3.0 interface cable.

One Tripplite ECO 350V Uninterrupted Power Supply (UPS). A 350VA ultra-compact 120V standby UPS with six 5-15R outlets (3 surge suppression only, 3 UPS) and one right-angled 5-15P.

One Tripplite BC350 Uninterrupted Power Supply (UPS). A 350VA ultra-compact 120V standby UPS with six NEMA 5-15R outlets (3 surge suppression only, 3 UPS) and one right-angled 5-15P.

One BESTEK 200W Power Converter. 3-Outlet and 4-Port USB Travel Voltage Transformer 220V to 110V with Type G/D/M/AU/US Travel Plug Adapters.

A set of 6-ft USB cables for connecting to the printer and as spare. One each USB A male to USB A male and one each USB A male to USB B male.

CDO will manufacture and provide packing/inventory lists for each case. The inventory list will be durable and permanent and will be affixed to the inside of the case lid/cover in view of users when the case is open. The inventory list will contain the nomenclature, quantity of each component, number of cases per configuration, and graphic packing instructions.

Installation manual & hardware manuals for individual products will be prepared and included with each Transit Case configuration.

Step-by-step setup and use instructions, hard copy plus electronic copy installed on Panasonic CF-33BFPGZVM Ruggedized Convertible Tablet Computer.

4.0 Software, CLIN x013

4.1 CLIN x013AA, Bar Code Label Design and Printing Software

CDO provides BarTender® software from Seagull Scientific. It provides a "what-you-see-is-what-you-get" interface, allowing users to easily design and create custom labels and forms to meet government formats and standard requirements. With a what you see is what you get design capability, it is easy to combine bar codes, text, and graphics into professional quality labels. BarTender's robust toolbox provides instant access to an extensive set of predefined bar code components. Users can "Drag and drop" bar codes into labels. BarTender enables the incorporation of graphics, pictures, and logos in the design of the label. BarTender supports all printers for which a Windows printer driver is available. In addition to the numerous laser, ink-jet and dot-matrix printers that already have Windows drivers, Seagull produces its own enhanced Windows drivers for more than 1,700 label printer models.

4.1.1 Technical Requirements

Supported Operating Systems:

- Windows 10, 8.1, 8, and 7 with latest Windows updates installed.
- Windows Server 2019, 2016, 2012, 2012 R2, 2008 R2 with latest Windows Server updates installed.
- Includes all 32-bit and 64-bit (x64) editions.
- An active internet connection may be required if Windows updates are required.

Hard Disk:

Minimum 400MB free space required for English-only version of BarTender.

Additional free disk space required to enable optional logging of print jobs and event messages to a database.

CPU: 1 GHz or higher

Memory: 512MB or higher

Display Resolution: 1024 x 768 or higher recommended

4.2 CLIN x013AB, Apptricity Armory Asset Management Software

Apptricity's Armory **Asset Management** solution, CLIN x013AB Small Arms Rooms Management Software, is a fully automated armory asset management system. Our solution directly supports your units critical need to control your weapons and their supporting assets. Apptricity offers proven enterprise web and mobile capabilities to streamline and automate the armory management duties of armory personnel, making them more efficient and enhancing control.

The basis for our **Armory Asset Management** solution currently supports millions of assets at thousands of locations world-wide. It provides for an enterprise or stand-alone environment with complete automation for check out/in chain of custody, more rapid and accurate inventories, tracking of rounds fired and other maintenance concerns. Standard military required reports are included and allow armorers to generate custom reports. We can also create customized reports as required. Armorers are now supported by an integrated asset, full life cycle management tool that documents assets from acquisition through disposition.

Apptricity's **Armory Asset Management** solution, CLIN x013AB Small Arms Rooms Management Software, includes the following features:

- **Dashboard Heads Up Display,** a graphical dashboard that displays action items and strategic information regarding assets and maintenance information. It can support an unlimited number of "widgets" that can be constructed to show any information desired from the system. Dashboard widgets can be in the form of graphs, item lists or alphanumeric information, and could include asset checked out, personnel status, assets overdue, maintenance exceptions, etc.

- **Hands-Free Technology** system supports device-free RFID tag and reader technology. The soldier requesting/returning the asset inserts their CAC card into the system. The armorer is then able to simply pass the armory assets over the scan area without the need of a scanning device to read the barcode to issue/receive assets.

- **Full Automated Identification Technology (AIT)** supports all AIT technology from barcode (e.g., IUID, UPC, SKU, Serial, etc.), passive RFID, active RFID, Bluetooth, Near Field, Cell and satellite capabilities and is an out-of-the-box feature for Apptricity. Units can choose the technology they want to implement with assurance that this system will supports integrated capabilities to add other AIT technologies as desired with no additional software packages required.

- **Master Authorization List (MAL)** serves as the authoritative source for managing armory assets assigned to personnel and is linked to key information regarding personnel assignment information. MAL management is easily performed using the automation and a well-designed user interface found in the Apptricity **Armory Asset Management system**. MAL entry can leverage the barcode or RFID scanning technology to assist with the MAL assignment process. The MAL information provides the asset information automatically on the dashboard screen when the soldier inserts their CAC card. The MAL provides the information that validates and provides alerts to the armorer throughout the check-out/in process. The MAL also supports key dates for personnel such as expired ETS and DEROS/PCS and do not issue (DNI) status supporting check out/in

- **Rapid Check Out/In** process is attained using hands-free RFID technology or barcoding. The check in/out process is initiated when the soldier inserts their CAC card into the system. Their MAL and status information are displayed on the dashboard screen. Based on the check in/out process, the system can prompt for additional information, such as round count, condition, etc. The system provides touch screen capability to eliminate the need for any keyboard interaction during the entire process and automatically prints the required forms electronically signed for the soldier and the issuing armorer.

- **Scheduled/Unscheduled Maintenance** manages all scheduled maintenance as well as provides the ability to capture all unscheduled maintenance. System allows capture and review of maintenance instructions, all forms of attachable documentation, and photos associated with an asset. Scheduled maintenance event notifications are displayed on the system dashboard's widgets.

- **Full Life-Cycle Asset Management** of armory assets from acquisition through disposal. This provides a complete life-cycle history of assignments, maintenance, repairs, costs, photos, and documentation associated with the asset. System manages the expected life of the asset and displays remaining life graphic when armory asset lists are displayed. This capability allows armorers and commanders to have supporting information on asset replacement schedules.

- **Ease of Use Automation** includes an easy to use graphical interface and a state-of-the-art user experience. Minimal training is required to begin using the system for managing the check-out/in process, MAL assignments, personnel, and armory asset management. Features such as import of Property Book data, Mass Add, Mass Change and more make the asset data management an easy task. The ability to perform a complete inventory or cycle count using RFID or barcode handhelds reduces the time and effort required to meet inventory requirements.

- **Ease of Implementation** allows for importing initial armory data from the units Armory Property Book and creating the MAL from the Units Alpha Roster. These imports are created using a spread sheet, CSV file or other electronic text file where the required data is logically displayed.

Apptricity's **Armory Asset Management** solution, CLIN x013AB Small Arms Rooms Management Software, includes the following reports:

- DA From 2062 - Asset Hand Receipt
- DA Form 2064 - Document Register for Supply Actions
- DA Form 2408-4-1 – Weapons Record Data
- DA form 2404/5988 - Equipment Inspection and Maintenance Worksheet
- DA Form 3749 - Equipment Receipt
- FB Form 2488-1E - Weapons and Ammunition Control Sheet Log Fort Bragg

Apptricity's **Armory Asset Management** solution requires the following as a minimum for local computer hosting:

- Windows 10 Pro
- 8 GB memory minimum, 16 recommended
- i5 processor minimum, i7 recommended
- 500 GB SSD

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5.0 pRFID Fixed Readers, CLIN x016

5.1 CLIN x016AA, pRFID Fixed Reader with Antennas

The FX7500 Fixed RFID Reader introduces advanced RFID radio technology for faster, more accurate read rates and more consistent performance even in challenging environments.

CLIN x016AA

- The Zebra-designed radio is paired with a more flexible Linux-based network architecture that integrates the tools and open-standard interfaces needed for fast, easy deployment with RFID and back-end applications.
- The result is a fixed RFID reader that sets a new performance standard — delivering peak performance at all times with excellent reader sensitivity and better interference rejection.
- The FX7500 can host embedded applications for standalone reader operation, eliminating the need to connect the reader to a host PC in many applications. The result? Streamlined deployment and a lower total system cost.
- The FX7500 supports Wi-Fi and Bluetooth dongles for direct connectivity to Wi-Fi networks, as well as Bluetooth-enabled computers and mobile computers. There's no need for hardwired connections.
- The FX7500 can be powered via a +24VDC power supply or via PoE to help minimize the need for costly power drops.

5.2 CLIN x016HA, Handheld Terminal Passive (HHT-P)

The MC3330xR handheld reader brings a new level of speed, ease of use and accuracy to your RFID applications. Superior RFID read performance, a powerful processor, integrated NFC reader and 35% larger capacity battery boost task speed and ease of use.

- Circular polarized RFID antenna for bulk inventory use cases
- Standard-range 2D data capture and RFID read range: ~20 ft
- Integrated NFC reader for instant pairing and authentication
- Industry high read rates and accuracy

CLIN x016HA

5.3 CLIN x016HB, HHT-P Carrying Case

The SG-MC3021212-01R is a durable carrying case designed specifically for Zebra mobile computers. Features a belt clip attachment, protective padding, and secure closure to safeguard the device during transport while maintaining easy access for daily use.

CLIN x016HB

5.4 CLIN x016HC, HHT-P Rechargeable Battery

The BTRY-MC33-52MA-01 is a 5200mAh lithium-ion battery designed for Zebra MC33 mobile computers. This PowerPrecision+ battery provides extended operational life and includes integrated technology to monitor battery health, charge cycles, and replacement needs for optimal device performance.

CLIN x016HC

5.5 CLIN x016HD, HHT-P Battery Charger / Docking Station

Single slot USB Cradle with Spare battery charging for the Zebra MC3300 Mobile computer. Charges the device while also allowing communication to a host PC over USB

CLIN x016HD

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6.0 pRFID Shipping Labels, CLIN x018

6.1 CLIN x018AA, pRFID Shipping Label – 4" x 2"

The 4"x 2" Z-Perform 1500T Labels are uncoated thermal transfer paper labels designed for general-purpose applications. These labels provide reliable printing quality and good adhesion on various surfaces, making them suitable for standard shipping, inventory, and product identification needs. Compatible with Zebra thermal transfer printers and recommended for use with Zebra ribbons for optimal print durability.

CLIN x018AA

6.2 CLIN x018AB, pRFID Shipping Label – 4" x 6"

The 4"x 6" Z-Perform 1500T Labels are uncoated thermal transfer paper labels designed for general-purpose applications. These labels provide reliable printing quality and good adhesion on various surfaces, making them suitable for standard shipping, inventory, and product identification needs. Compatible with Zebra thermal transfer printers and recommended for use with Zebra ribbons for optimal print durability.

CLIN x018AB

7.0 pRFID Thermal Transfer Printer, CLIN x020

7.1 CLIN x020AA, pRFID Thermal Transfer Printer

The Zebra ZT411 is a robust industrial label printer designed for high-performance applications in manufacturing, logistics, retail, and healthcare. It offers thermal transfer and direct thermal printing, supporting print widths up to 4.09 inches and resolutions of 203, 300, or 600 dpi for precise detail. It delivers print speeds up to 14 inches per second (203 dpi), ensuring efficient operation.

CLIN x020AA

Key features include a 4.3-inch full-color touch display for easy navigation, connectivity options such as USB, Ethernet, Serial, Bluetooth 4.1, and optional Wi-Fi 802.11ac and RFID encoding. The printer has a durable metal frame with a bi-fold door, making it suitable for demanding environments. It supports a wide range of media with a maximum roll diameter of 8 inches.

The ZT411 excels in applications like barcode printing, asset tagging, shipping labels, and retail labeling, providing reliability, adaptability, and high-quality results for industrial and commercial use.

7.2 CLIN x020CA, Four (4") Inch Wide Resin Based Printer Ribbon

The Zebra ribbon is a 4.33-inch wide, 1,476-foot long thermal transfer ribbon featuring a resin-enhanced wax formula for sharp, durable prints. Ideal for barcodes, text, and graphics, it ensures excellent print quality, smudge resistance, and reliability in industrial and retail settings. Compatible with various Zebra printers, it delivers consistent, high-speed performance.

CLIN x020CA

7.3 CLIN x020EA, Printer Software

CDO provides BarTender® software from Seagull Scientific. It provides a "what-you-see-is-what-you-get" interface, allowing users to easily design and create custom labels and forms to meet government formats and standard requirements. With a what you see is what you get design capability, it is easy to combine bar codes, text, and graphics into professional quality labels. BarTender's robust toolbox provides instant access to an extensive set of predefined bar code components. Users can "Drag and drop" bar codes into labels. BarTender enables the incorporation of graphics, pictures, and logos in the design of the label. BarTender supports all printers for which a Windows printer driver is available. In addition to the numerous laser, ink-jet and dot-matrix printers that already have Windows drivers, Seagull produces its own enhanced Windows drivers for more than 1,700 label printer models.

Technical Requirements
Supported Operating Systems:
- Windows 10, 8.1, 8, and 7 with latest Windows updates installed.
- Windows Server 2019, 2016, 2012, 2012 R2, 2008 R2 with latest Windows Server updates installed.
- Includes all 32-bit and 64-bit (x64) editions.
- An active internet connection may be required if Windows updates are required.

Hard Disk:

Minimum 400MB free space required for English-only version of BarTender.

Additional free disk space required to enable optional logging of print jobs and event messages to a database.

CPU: 1 GHz or higher

Memory: 512MB or higher

Display Resolution: 1024 x 768 or higher recommended

8.0 Technical Engineering Services

8.1 Introduction

CDO understands the requirements for AIT-enabled solutions used in challenging applications as well as the broader requirements required under the Defense Information Standards Registry (DISR). As a systems integrator and solutions provider, we are proposing the products and services described in this volume by using the best equipment to meet the specific requirements of this solicitation. We routinely provide technical support for our many varied government customers during their Official hours and on many programs are also required to provide afterhours coverage. We understand the unique electrical, environmental and Radio Frequency requirements for equipment that can operate in austere worldwide locations and have been offering the Army that same type of equipment on our AIT-IV and AIT-V contracts for the past ten years. We are experienced in the creation of deployable kits for AIT enabled equipment. We have been providing the DoD AIT enabling COTS and custom software solutions for over 24 years. CDO provides each of our programs with a dedicated program manager who is versed in our CMMI certified program management processes and experienced with the implementation of AIT enabled solutions. We believe this combination of process and experience greatly increase program success. Our proposed AIT equipment was selected because we believe it offers the best flexibility, reliability, and service available. When any of the equipment does have a failure our dedicated operation processing group ensures all customer equipment is serviced within the guidelines of the AIT-6 warranty service requirements. A key part of deploying a successful AIT solution is to ensure that managers, end users and IT support personnel have been properly trained on the use and routine maintenance of the solutions. CDO routinely develops training plans, user documentation, administrator documentation and conducts both classroom and on the job training for many DoD programs such as our AF Point of Maintenance application. Our selection of these *world class suppliers and products* along with our long *history of creating AIT enabled solutions* provide strong assurance that CDO is well positioned to provide integrated and comprehensive AIT solutions.

8.2 Task Order – Technical Engineering Services

CDO will provide technical engineering services (TES) on-site at Government sites and at CDO or other contractor facilities as specified in specific task orders. CDO is offering TES that include those services required for:

- AIT-6 turnkey implementation
- IUID implementation support
- Equipment integration
- Site analysis
- Installation, de-installation, and relocation
- Problem-solving
- User unique training
- IPT support
- Conducting PCAs/FCAs
- Software development
- Communications
- Interfaces to other Government systems
- Equipment and systems engineering services
- System design and systems integration to include middleware integration to enterprise systems.

CDO is a leading solutions provider in accomplishing the integration of AIT, such as RFID, into business processes. CDO has been directly involved in the design, development, deployment, and sustainment of AIT solutions since our founding. Our assignments have included technology insertion, process re-engineering, and legacy systems integration efforts. Additionally, CDO has been responsible for the design, development, deployment, and sustainment of several AIT hardware and software solutions.

8.2.1 Travel

When a task order requires travel, CDO will develop travel plans and cost estimates for inclusion in our response to a request for quotation for the task order. CDO's program manager (PM) will review all travel plans to ensure that they comply with the terms and conditions of this contract and that they comply with the Federal Travel Regulation, Joint Travel Regulations, or other applicable regulations.

8.2.2 TES Trip Report

CDO will prepare and submit a TES Trip Report to the task order POC or task order contracting officer's representative (COR), if applicable, no later than five workdays after the completion of each trip made for TES. CDO's trip report will be tailored to most effectively discuss the events, accomplishments, and recommendations specific to the trip. As a minimum, each trip report will include:

- Report date;
- Customer name, address, POC, email address, and telephone number;
- Project name;
- Time arrived; time departed;
- Any recommended or provided incidental material description;
- Summary of work completed; and
- CDO POC name and signature.

8.2.3 Program Manager

CDO's PM will be responsible for the overall performance on this contract. In that role, the PM will manage all orders placed; formulate work standards, schedules, and staffing plans; and ensure project performance on all assigned tasks. Our PM will oversee the work of CDO's project managers that are assigned to specific task orders, review any TES Trip Reports that may be required, and review all travel plans to ensure compliance with the terms and conditions of this contract and applicable travel regulations

8.2.4 Software Development Services

CDO brings extensive experience to our customers in the area of software development. Our involvement spans initial concept design to field support. Our technical approach is a unique blend of proven processes that leverages our functional experience, our software engineering development expertise, our proven past performance, as well as our military background, as part of an integrated team approach. Our view of this integrated approach built around our Software Engineering Institute Capability Maturity Model (Integrated CMMI), CDO possesses both CMMI Dev Level 3 and ISO 9001:2015 certifications. Our technical approach focuses on process improvement and ensures proper execution of all activities including proactive management, plan, requirements determination, source selection support, costing, design, architecture, prototyping (as applicable), security, development, integration, testing, site

surveys, deployment, installation, data migration, training, sustainment, help desk, and operational support of users, systems, and components. Our processes are compliant with IEEE/EIA 12207.0 Software Life-Cycle Processes (including 12207.1—Life-Cycle Data and 12207.2—Implementation Considerations). Our technical approach is characterized by adherence to information technology standards and our proven methodologies/processes and uses standard tools to the maximum extent possible.

NOTE: CDO's software development services, on this contract, are limited to the development work required to implement, modify, interface, and integrate an AIT-6 application(s) to an existing Government application(s) and database(s), e.g., Standard Army Retail Supply System (SARSS), Transportation Information System (TIS). Services include new software development, which may include translation of existing Government code that has been determined necessary to ensure operation of the system.

8.2.5 Installation/De-Installation/Relocation Services and AIT Installation Plans

CDO has proven methodologies and techniques to professionally, cost effectively, and accurately plan, execute, and manage installation/de-installation/relocation (IDR) assignments. Our technical specialists and project team members follow formal procedures and utilize comprehensive checklists to ensure that every step in the process is completed. From initial site survey and analysis through on-going sustainment of operations, CDO will provide personnel with the solution-specific technical expertise and experience to plan, manage, and execute IDR tasks.

CDO will provide all necessary installation support equipment, cables for the interface of the various components forming an installation, including the AIT devices, servers, peripheral devices, and power device specific power supplies as required. CDO will provide these items based upon our task order proposal and proposed project timeline that will be submitted upon receipt of a task order request for proposal. Upon receipt of a task order requiring installation/de-installation, and in accordance with the proposed schedule contained therein, CDO will install/de-install AIT equipment in accordance with the approved installation plan.

CDO will develop installation/de-installation action plans that will include detailed drawings, assembly, installation instructions, detailed task descriptions, estimated task sequencing, estimated elapsed time, labor hours, and project milestones. Additionally, these plans will include considerations for AIT integration requirements that are project specific. We will create a bill of materials listing required AIT components, and materials required for site modifications that meet environmental requirements. The plan will also identify roles and responsibilities for the customer and for CDO team personnel.

8.2.6 Incidental Materials

In the event that any materials not listed in this AIT-6 contract are required to accomplish these task orders, they will be quoted as incidental materials.

8.2.7 Contract Support Personnel

CDO personnel are highly skilled and proven professionals who use state-of-the-art techniques and tools and industry best practices on each assignment. CDO professionals are trained and certified on the products offered by CDO. Our people bring the proper mix of technical acumen, analytical and industry knowledge, and managerial leadership to each project in order to effectively and efficiently complete all assigned tasks. Our labor category offerings and the in-depth knowledge of the CDO team provide comprehensive coverage to support the requirements of any task order received.

9.0 Training

Upon receipt of a TES task order requiring training development and support services, CDO will analyze the training requirements. Through our analysis we will identify the most appropriate training methodology and tools required. We will use our previous experience developing training manuals, CBTs, and classroom and on-the-job training to develop a training plan that will meet the requirements of the task order. Once the training plan is developed, we will begin the development of all required training materials and track them through our standard CDRL delivery processes.

10.0 Customer Service Desk

Customers will have access to our customer service desk for customer service, initiating warranty repairs and replacements, warrantied maintenance, and scheduling on-call warranty and maintenance requests. Our customer service desk is designed to be the single point of contact between the end user and CDO for supplied products, services, and software. The service desk not only handles incidents, problems, and requests for information, it also provides a convenient way to administer returning AIT equipment when warranty or mail-in maintenance service is required, tracking components that must be returned, and scheduling on-call warranty and maintenance service.

Our customers will have 24/7 access to this support via:

Toll-free Telephone: 866-307-6616
Help Desk Email: support@cdotech.com
Help Desk Registration: http://ait-6.cdotech.com/
CDO AIT-6 Portal: http://ait-6.cdotech.com/

The CDO AIT-6 Portal provides access to documentation, software version, and other product and contract resources. Registered users log into the portal at http://ait-6.cdotech.com/. Access to these resources frequently enables our customers to obtain the help they need without submitting a formal request for help. All work history is visible to the customer via the portal.

11.0 Warranty Support

11.1 Introduction

CDO will repair or replace all failed AIT-6 components covered under warranty in this contract in accordance with the procedures outlined below. CDO will immediately notify the ordering contracting officer and order POC regarding equipment requiring repair or replacement due to apparent user abuse, negligence, or missing significant parts, such as circuit cards or boards. The warranty will not apply if damage to the equipment is occasioned by fault or negligence of the Government.

During the equipment warranty period, CDO will implement changes to correct equipment malfunctions in accordance with best commercial practices. The implementation will be in accordance with a mutually agreed upon schedule. These changes will be made at no additional cost to the Government. The warranty will fully protect the Government against equipment malfunctions due to material defects, workmanship, or intrinsic operating problems. The warranty period for items ordered by delivery order will begin upon Government acceptance of the equipment. In the event CDO is authorized to use a certificate of conformance, the warranty period for items ordered by a delivery order will begin on the date of shipment. The warranty period for items ordered by purchase card will be in accordance with the paragraph entitled "Use of Governmentwide Commercial Purchase Card" within Section H of the contract. The warranty will include mail-in procedures and on-call procedures as specified below.

11.2 Monthly Equipment and Service Report

CDO will provide PD AMIS, the COR, and contracting officer with a Monthly Equipment and Service Report (MESR) in Microsoft Office Excel format via electronic mail and post it on CDO's website for on-line viewing and ad hoc inquiries by authorized users. The initial MESR will be submitted covering the month the first AIT-6 item is received by CDO for warranty and will be provided no later than 10 calendar days after the end of each subsequent month, e.g., January's report will be submitted by February 10. CDO will update the CDO AIT-6 web site no later than seven calendar days from each event associated with the data point/field. The report will contain the following items:

- RA/RMA #
- Ticket Created Date
- Current Status
- Agency
- Name
- Contact Last Name
- Contact First Name
- Contact Phone
- Repair Type
- Model
- Serial # Received
- Problem Description
- Problem Resolution
- Received Date
- Serial # Shipped
- Actual Ship Date
- Abuse (Y/N)
- Company (OEM) Name
- Time/Date of Call
- Help Desk Reference #
- Serial Number (SN)

11.3 Warranty Mail-In Procedures

CDO will bear all shipping costs, both from and back to Government sites. CDO will bear responsibility for the equipment from the time of receipt until safe return to the Government. The Government will provide CDO with any unusual transportation instructions for return shipment after repair. When the Government does not require the same serial number equipment, CDO will ship a replacement item no later than 24 hours after notification of failed AIT-6 components. If the Government requires the same serial number equipment, CDO will restore all malfunctioning equipment covered under warranty to a fully operational condition and ship the equipment back to the Government no later than ten (10) workdays after receipt of the failed equipment (CONUS and OCONUS). In the event a same serial number component requested by the Government cannot be repaired, CDO will notify the Government user no later than three workdays after receipt of the component at CDO's (or the OEM partner's) facility. AIT-6 returned warranty items marked with an IUID that require change of custody will be coordinated with the customer and reported to the DoD IUID Registry by CDO. The Government user will provide CDO with disposition instructions for un-repairable AIT-6 components.

11.4 Component Return and Tracking

CDO will assign an RMA number and inform the Government user of the RMA number as the tracking number, and serial number for each AIT-6 component returned to CDO for warranty service.

11.5 Warranty Replacement Parts

CDO will only use new parts, or parts warrantied as new by the OEM, for repairs of failed Government AIT components which are under warranty. All replacement parts will be equal to or better than the replaced parts in terms of quality and performance. The warranty for all replacement items installed during the initial warranty period will be equal to the remaining warranty period for the original item, or 90 calendar days, whichever is greater.

Failed parts replaced by CDO will become the property of CDO. However, the Government reserves the right to purchase unserviceable parts containing sensitive or classified material, as required by statute or regulation.

11.6 Warranty On-Call Procedures

CDO will provide on-call warranty service for AIT-6 IUID marking equipment in CONUS only. CDO will provide on-call repair no later than three workdays of notification for CONUS locations. CDO will provide on-call warranty service outside the official hours of operation when required by the using activity. When warranty service outside the official hours of operation is ordered in CONUS locations, CDO will replace or return the equipment to a fully operational status no later than five calendar days from the time CDO is notified of the malfunction. CDO will provide on-call warranty service support to repair the item on site.

12.0 Preventive Maintenance

Preventive maintenance includes all actions performed in an attempt to retain an item in a specified condition by providing systematic inspection, detection, and prevention of incipient failures. Unless otherwise specified, Government personnel will perform all preventive maintenance for items acquired under this contract. CDO will provide to the Government, in detail, all requirements and procedures for preventive maintenance and troubleshooting-level diagnostics in documentation and user manuals. CDO will provide both as electronic documents to be included with every hardware order as well as downloads available on the CDO AIT-6 portal located at http://ait-6.cdotech.com/.

13.0 CLIN List and Prices

CLIN	Description	Unit of Issue	Option Period
2001	**Hand Held Barcode Readers**		
0001AA	Panasonic G2 Win11, Intel Core i5-10310U 1.7GHz (4.4Ghz), vPro, 10.1" WUXGA Gloved Multi Touch+Digitizer, 16GB, 512GB OPAL SSD (quick-release), Intel Wi-Fi 6, Bluetooth, Dual Pass (BIOS Selectable), Infrared Webcam, 8MP Rear Camera, Insertable Smartcard, 2D Barcode Laser (N6603), Standard Battery, Bridge Battery, TPM 2.0, ANSI C1D2 Haz Loc, 3-year warranty, AGM/RME Configuration Load, UID Label, Contractor ID Label, NI Label, 3-year warranty, battery pack, if not included w/HHT, AGM/RME Configuration Load, UID Label, Contractor ID Label, NI Label	EA	3105.76
0001AB	Extended Warranty - Tablet PC (Years 4 &5) Model FZ-G2	EA	257.04
0001AC	Toughbook Mobility Bundle, Handle and shoulder strap for FZ-G2	EA	34.57
0001AD	Standard Battery for FZ-G2	EA	94.50
0001AE	4 BAY BATTERY CHARGER FOR FZ-G2 MK1	EA	385.68
0001AF	Desktop Dock Cradle (tablet only) for FZ-G2. USB-A (4), HDMI (2), LAN, Serial, Kensington Lock, VGA adapter	EA	297.99
0001AG	Digitizer Pen for FZ-G2	EA	39.37
0001AH	Protective Film (10.1) for FZ-G2	EA	50.66
0001AJ	Micro-USB A-B to USB A cable, 1.8M	EA	12.96
0001AK	Panasonic Rotating Handstrap, includes built-in Stylus Pen Holder and Kickstand	EA	67.28
0001AM	N/A	EA	

CLIN	Description	Unit of Issue	Option Period
0001BA	DT Research 8" Touch Screen, IP65 Rugged Tablet with Intel Pentium Silver Quad-Core CPU, 256GB SSD, 8GB DDR4 RAM, 800 NIT display, Windows 10 IoT Enterprise, Digital Pen, 1D/2D Barcode Imager, Bluetooth, Integrated CAC Reader, NIST Compliant BIOS, Standard Battery, Bridge Battery, 3 Year Warranty, AGM/RME Configuration Load, UID Label, Contractor ID Label	EA	1344.03
0001BB	DT382GL Extended Warranty - Tablet PC (Years 4 &5)	EA	205.34
0001BC	DT382GL Series Carrying Pouch/Holster with Shoulder Strap	EA	41.31
0001BD	Spare battery for 382GL, 3 year warranty	EA	97.87
0001BE	6-Bay Battery Charger for 382GL, Contractor ID Label	EA	302.72
0001BF	Full Desktop Cradle for 382GL. Includes 4 USB, Ethernet, HDMI, HDMI Adapter to VGA, 6 foot cable, Contractor ID Label	EA	182.05
0001BG	Digital stylus pen for 382GL	EA	48.60
0001BH	8" screen protector film.	EA	4.86

0001BJ	Micro-USB A-B to USB A cable, 1.8M	EA	13.56
0001BK	Detachable Hand Strap for 382GL	EA	18.23
0001BM	N/A	EA	0.00
0001BN	Pistol Grip Handle, trigger the barcode scanner module.	EA	118.65

0001CA	DT Research 301Y 10.1" Rugged Tablet with Intel Core i5 Processor, vPro, removable 512GB SSD, 16GB RAM, Windows 10 IoT Enterprise, Capacitive Multi-Touch display, 90W Battery, Front and Rear Camera, 2D Barcode Scanner, Digital Pen, Rubber Hand Strap, Carrying Handle and Power Supply with cord. Includes 3 year of standard warranty (batteries included), NIST BIOS, TPM 2.0, CAC card slot, AGM/RME Configuration Load, UID Label, Contractor ID Label	EA	2304.80
0001CB	Extended warranty years 4 & 5	EA	169.50
0001CC	DT301Y Holster and Shoulder Strap	EA	74.58
0001CD	Spare battery for 301Y, 3 year warranty	EA	146.90
0001CE	6-Bay Battery Charger for 301Y, Contractor ID Label	EA	336.91
0001CF	Full Desktop Cradle for 301Y. Includes 4 USB, Ethernet, HDMI, Type C, USB Adapter to VGA, Contractor ID Label	EA	189.20
0001CG	Digital stylus pen for 301Y	EA	48.60
0001CH	Tempered Glass Screen Protector	EA	16.95
0001CJ	Micro-USB A-B to USB A cable, 1.8M	EA	13.56
0001CK	DT 301Y Detachable Hand Strap	EA	18.08
0001CM	The base unit has an IP65 rating. Since this CLIN notes IP54 rating requirement for the case, the base unit already exceeds the requirement. There is no additional case options beyond 0001BC and 0001BK.		N/A
0001DA	Not Offered		
0001DB	Not Offered		
0001DC	Not Offered		
0001DE	Not Offered		
0001DF	Not Offered		
0001DG	Not Offered		
0001DH	Not Offered		
0001DJ	Not Offered		
0001DK	Not Offered		
0001DM	Not Offered		

0001EA	Not Offered		

0001EB	Not Offered		
0001EC	Not Offered		
0001ED	Not Offered		
0001EE	Not Offered		
0001EF	Not Offered		
0001EG	Not Offered		
0001EH	Not Offered		
0001EJ	Not Offered		
0001EK	Not Offered		
2001EM	Not Offered		

0001	**Hand Held Barcode Terminals**		
XX01HA	HAND-HELD TERMINAL-H (HHT-H) SMALL DISPLAY, INTEGRATED IMAGER, QWERTY OR NUMERIC OR ALPHANUMERIC KEYPAD, AND NI CERTIFIED (Android Operating System)	EA	2431.90
XX01HB	HHT-H warranty upgrade to add 2 year (total 5 year warranty)	EA	228.42
XX01HC	HHT-H Holster & Shoulder Strap (w/o Pistol Grip)	EA	N/A
XX01HD	HHT-H Holster & Shoulder Strap (with Pistol Grip) (if available)	EA	52.48
XX01HE	HHT-H Rechargeable Battery	EA	98.52
XX01HF	HHT-H Multiple Battery Charger	EA	254.53
XX01HG	HHT-H Single Battery Charger / Docking Station (w/o Pistol Grip)	EA	N/A
XX01HH	HHT-H Single Battery Charger / Docking Station (with Pistol Grip) (if available)	EA	311.71
XX01HJ	HHT-H One Pack of (1) Tethered Replacement Styli	EA	33.81
XX01HK	HHT-H Transparent Screen Protector	EA	29.85
XX01HL	HHT-H Detachable Hand Strap	EA	6.63
XX01HM	HHT-H Portable Printer Interface Cable and Adapters	EA	14.87
XX01HN	HHT-H Battery Charger (Chage only- adapter/cable)	EA	83.25
XX01HP	HHT-H Pistol Grip Handle (trigger barcode scanner module) (if available)	EA	N/A
XX01HQ	HHT-H USB Cable Assembly	EA	7.84
XX01JA	HAND-HELD TERMINAL-J (HHT-J) SMALL DISPLAY, INTEGRATED IMAGER, QWERTY OR NUMERIC OR ALPHANUMERIC KEYPAD, AND NI CERTIFIED (Android Operating System - Extended Read Range))	EA	2928.98
XX01JB	HHT-J warranty upgrade to add 2 year (total 5 year warranty)	EA	228.42
XX01JC	HHT-J Holster & Shoulder Strap (w/o Pistol Grip)	EA	N/A

XX01JD	HHT-J Holster & Shoulder Strap (with Pistol Grip) (if available)	EA	52.48
XX01JE	HHT-J Rechargeable Battery	EA	98.52
XX01JF	HHT-J Multiple Battery Charger	EA	254.53
XX01JG	HHT-J Single Battery Charger / Docking Station (w/o Pistol Grip)	EA	N/A
XX01JH	HHT-J Single Battery Charger / Docking Station (with Pistol Grip) (if available)	EA	311.71
XX01JJ	HHT-J One Pack of (1) Tethered Replacement Styli	EA	33.81
XX01JK	HHT-J Transparent Screen Protector	EA	29.85
XX01JL	HHT-J Detachable Hand Strap	EA	6.63
XX01JM	HHT-J Portable Printer Interface Cable and Adapters	EA	14.87
XX01JN	HHT-J Battery Charger (Charge only - adapter/cable)	EA	83.25
XX01JP	HHT-J Pistol Grip Handle(trigger barcode scanner module) (if available)	EA	N/A
XX01JQ	HHT-J USB Cable Assembly	EA	7.84

0003	**Barcode Imagers / Scanners**		
0003AA	Zebra DS3608: TAA, RUGGED, AREA IMAGER, STANDARD RANGE, CORDED, INDUSTRIAL GREEN, VIBRATION MOTOR, CABLE - SHIELDED USB: SERIES A, 9', COILED, BC1.2 (HIGH CURRENT), -30C, FINL ASSY:STAND,DESKTOP,DURA GRAY MAX, UID Label, Contractor ID Label	EA	463.53
0003AB	Zebra DS3678: TAA, RUGGED, AREA IMAGER, STANDARD RANGE, CORDLESS, FIPS, INDUSTRIAL GREEN, VIBRATION MOTOR, Standard Cradle For 3678 Family, Charger, Bluetooth And Multi Interface, CABLE - SHIELDED USB: SERIES A CONNECTOR, 7FT. (2.8M), STRAIGHT (SUPPORTS 12V POWER SUPPLY), Level VI AC/DC Power Supply Brick. AC Input: 100-240V, 2.4A. DC Output: 12V, 4.16A, 50W. Requires: DC line cord and Country specific AC grounded Line Cord, AC line cord, 7.5 feet long, grounded, three wire. Associated Country: US, DC Line Cord with filter used with 3600 series (Except SAC3600-4001CR) Level 6 AC/DC Power Supply Part PWR-BGA12V50W0WW, UID Label, Contractor ID Label	EA	680.58
0003AC	Zebra DS3608: TAA, RUGGED, AREA IMAGER, DIRECT PART MARKING, CORDED, INDUSTRIAL GREEN, VIBRATION MOTOR, USB Cable: Series A, 9', 2.8m, Coiled, FINL ASSY:STAND,DESKTOP,DURA GRAY MAX, UID Label, Contractor ID Label	EA	880.15
0003AD	ZEBRA EVM, DS3608, DPM 1D/2D IMAGER, SCANNER ONLY (REQUIRES CABLE), VIBRATION MOTOR, INDUSTRIAL GREEN, scan engine SE4750, USB Cable: Series A, 9', 2.8m, Coiled, FINL ASSY:STAND,DESKTOP,DURA GRAY MAX, UID Label, Contractor ID Label	EA	880.15
0003AE	Zebra DS3608: TAA, RUGGED, AREA IMAGER, EXTENDED RANGE, CORDED, INDUSTRIAL GREEN, VIBRATION MOTOR, USB Cable: Series A, 9', 2.8m, Coiled, FINL	EA	577.37

	ASSY:STAND,DESKTOP,DURA GRAY MAX, UID Label, Contractor ID Label		

0005	**Barcode Printers**		
0005AA	Zebra Printer ZQ521, US GOV (FIPS), media width 4.45"/113mm; English/Latin fonts, Bluetooth 4.X, TAA, SMART BATTERY, AC ADAPTER,Host/PC/HHT interface cable 6' , ZQ500 Series Zebra OneCare Essential 3 Year Comprehensive Warranty, UID Label, Contractor ID Label, Bluetooth Warning Label	EA	470.87
0005AB	Reserve		
0005AC	ZEBRA AIT, 1 SLOT BATTERY CHARGER; ZQ500 SERIES; INCLUDES POWER SUPPLY AND CORD	EA	73.22
0005AD	Carry Case with Strap Acc Soft Case, ZQ520	EA	52.21
0005AE	Label, Synthetic, 4x6in (101.6x152.4mm); DT, ThermaLock 4000D, Coated, Permanent Adhesive, 0.75in (19.1mm) core, Plain, one roll, 120 per roll	EA	15.13
0005BA	Zebra TT BAA/TAA Printer ZT510; 4", 203 dpi, US Cord, Serial, USB, Gigabit Ethernet, Bluetooth LE, Tear, Mono, ZPL, USB 3.0 SuperSpeed Device Cable (AB M/M) Black, 10-ft., Zebra OneCare, Essential, ZT510, 3 Years, UID Label, Contractor ID Label	EA	961.35
0005BB	Zebra TT Printer TAA ZT510; 4", 203 dpi, US Cord, Serial, USB, Gigabit Ethernet, Bluetooth LE, Rewind, Mono, ZPL, USB 3.0 SuperSpeed Device Cable (AB M/M) Black, 10-ft., Zebra OneCare, Essential, ZT510, 3 Years, UID Label, Contractor ID Label	EA	1100.62
0005BC	Roll of Plastic 4" by 6" Labels (8-inch diameter roll) for Stationary BC Label Printer (one roll) 720 labels per roll	EA	19.03
0005BD	Label, Kimdura Polypropylene, 4x3in (101.6x76.2mm); TT, PolyPro 4000T, High Performance Coated, Permanent Adhesive, 3in (76.2mm) core, 1420/roll (one roll), Plain	EA	19.43
0005BE	Resin Ribbon, 110mmx450m (4.33inx1476ft), 6200; Resin, 25mm (1in) core (one ribbon)	EA	5.58

0007	**IUID Marking Equipment and Verifiers (W/3 Year Warranty/Maintenance)**		
0007AA	Trotec Speedy 100A 40 Watt Co2 Flatbed Laser; w/1.5" lens & Air Assist Pump, Trotec Floor Stand w/Wheels for Speedy 100A, Extended One Year Warranty for Trotec Speedy 100A 40 Watt Co2 Flatbed Laser; w/1.5" lens & Air Assist Pump - (extends factory warranty to 3 years), Quatro SPH426 fume extractor (120v), brush type system, low to moderate volumes (Fits Speedy applications), Extended One Year Warranty for Quatro SPH426 fume extractor (120v), brush type system, low to moderate volumes (Fits Speedy applications) - (extends factory warranty to 3 years), CodeSource, Product Support & Maintenance for Trotec Laser System, Includes phone and email support for product	EA	36213.69

	related questions for 3 years, (per laser system), CodeSource Multi Mat Engraving Material 12" x 24", CodeSource Hardware Installation & Training; includes 2 Days On-site Service by a CodeSource Engineer, (includes travel expenses to site), CodeSource Annual Service Visit, 2 Day; Includes all travel, lodging and travel time (3YR POP), Seagull Scientific, BarTender 2019 - Professional - Printer License (requires Application License), Seagull Scientific, BarTender 2019 - Professional - Application License (requires Printer Licenses), UID Label, Contractor ID Label		
0007AB	tesa Secure 6973 PV6 Black Matte Kit 12" strips - 25 strips per pack (4.72" w)	EA	257.58
0007AC	tesa Secure 6973 PV6 Black Matte 120mm x 200m (4.72"W x 656.2'L)	EA	2943.03
0007AD	Axicon 15500 Linear and 2D barcode verifier, 3rd year warranty add-on 3% of purchase price), UID Label, Contractor ID Label	EA	7560.27

0009	**Wireless Radio Frequency Data Communications**		
0009AA	RF Access Point (Indoor) Aruba AP-318 (US) FIPS/TAA Indr Hrdnd AP, Aruba 3Y FC NBD Exch AP-318 TAA SVC, AP-ANT-1W 2.4/5G 4/6dBi Omni, UID Label, Contractor ID Label	EA	1594.62
0009AB	RF Access Point (NEMA) AP-375 (US) FIPS/TAA Integrated Omni Antenna Outdoor AP, Aruba 3Y FC NBD Exch AP-375 TAA SVC, UID Label, Contractor ID Label	EA	2068.72
0009AC	RF Access Point (Office) Aruba AP-325 TAA 4x4:4 802.11ac AP, Aruba 3Y FC NBD Exch AP-325 TAA SVC, UID Label, Contractor ID Label	EA	1373.52
0009AD	RF Gateway Aruba 7205 (RW) FIPS/TAA-compliant Controller, Aruba 3Y FC 24x7 7205 Controller TAA SVC, PC-AC-NA (NA) AC Power Cord, Aruba Cntrlr Per AP Capacity Lic E-LTU, Aruba 3Y FC 24x7 Ctrl perAP Cap ELTU SVC, Aruba Cntrlr Per AP PEF Lic E-LTU, Aruba 3Y FC 24x7 License PEF Cn SVC, Aruba Cntrlr Per AP RFProtect Lic E-LTU, Aruba 3Y FC 24x7 AP RFProtectE-LTU SVC, UID Label, Contractor ID Label	EA	27623.98

0011	**Transit Cases and Transit Case Configurations**		
0011AA	Transit Case w/inserts, ZEBRA EVM, DS3608, DPM 1D/2D IMAGER, SCANNER ONLY (REQUIRES CABLE), VIBRATION MOTOR, INDUSTRIAL GREEN, scan engine SE4750, USB Cable: Series A, 9', 2.8m, Coiled, 3608 ADJUSTABLE INTELLISTAND, Elo 1517L-15 POS 15" Display, Portable Laser Printer, Win10 Pro, Intel Core i7-7600U 2.80GHz, vPro, 12.0in QHD Gloved Multi Touch+Digitizer, 16GB, 512GB SSD, Intel Wi-Fi a/b/g/n/ac, TPM 2.0, BT, Dual Pass (Ch1:none/Ch2:none), Infrared Webcam, 8MP Cam, Insertable Smartcard, External DVDRW drive, USB 2.0, AGM/S-CAP Load, StarTech 7-port USB 2.0 hub, CAC Reader, Signature Pad, Backup Hard Drive (WD Elements Portable 1TB), UPS, KRV200 200W Power Convertor w/3 AC outlets and 4 USB charge ports., Misc. Cables (6ft A-male to B-male USB printer cable), Misc. Cables (6ft A-male to A-male USB cable), Misc. Cables (6ft A-male to mini-B male USB cable), Labor, UID Label, Inventory List, ID Plate, Health & Safety Labeling	EA	9118.99

0013	**Software**		
0013AA	SEAGULL SCIENTIFIC, BARTENDER 2019 PROFESSIONAL: APPLICATION LICENSE + 1 PRINTER, Bartender Professional Edition Application License - Standard Maintenance and Support, Bartender Professional Edition Printer License - Standard Maintenance and Support	EA	743.14
0013AB	Apptricity Armory Asset Management Software	EA	6875

0016	**pRFID Fixed Readers**		
0016AA	ZEBRA EVM/DCS, FX7500, 2 PORT RFID READER, EPC CLASS 1 GEN2, LINUX, AN480 RFID ANTENNAS, BRACKET, CABLES, 3 YEAR WARRANTY	EA	1510.64
0016HA	ZEBRA EVM/DCS, MC333XR, UHF RFID, CIRCULAR ANTENNA, Batch Radios Disabled, STANDARD RANGE 2D IMAGER (SE4770), 47 KEY, EXTENDED BATTERY, ANDROID GMS, 4GB RAM / 32GB ROM, FIPS AND TAA, USB/CHARGING CABLE, PWR SUPPLY, 3 YEAR WARRANTY.	EA	2388.42
0016HB	ZEBRA EVM/EMC, MC3000 GUN FABRIC HOLSTER with Shoulder strap	EA	56.22
0016HC	HHT-P Rechargeable Battery	EA	62.15
0016HD	ZEBRA EVM/EMC, MC33 SINGLE SLOT USB/CHARGE CRADLE WITH SPARE BATTERY CHARGER,	EA	320.98

0017	**Technical Engineering Services (per hour)**		
2017AA	Project Manager (GSA Program Mgr)	HR	129.76
2017AB	Instructional Design and Development Specialist (GSA SM)	HR	98.79
2017AC	Senior Programmer (GSA Comp Programmer IV)	HR	121.56
2017AD	Systems Analyst (GSA Computer Systems Analyst)	HR	108.44
2017AE	Software Systems Engineer (Software Eng II)	HR	96.81
2017AF	Programmer/Analyst (Ap Systems Analyst Programmer)	HR	77.37
2017AG	Junior Programmer (Comp Programmer III)	HR	75.11
2017AH	Systems Engineer (GSA Sr Systems Engineer)	HR	137.71
3017AJ	Data Communications/Network Specialist (GSA Network Adm/PC Tech)	HR	59.79
2017AK	RF Technical Radio Specialist (Envistacom)	HR	77.81
2017AM	Technical Writer Specialist (GSA Technical Writer +10%)	HR	66.36
2017AN	Technical Writer (GSA Technical Writer)	HR	60.34

0018	**pRFID Shipping Labels**		
0018AA	ZEBRA AIT, CONSUMABLES, LABEL, PAPER, 4X2IN (101.6X50.8MM) TT, Z-PERFORM 1500T, COATED, PERMANENT ADHESIVE, 3IN (76.2MM) CORE, RFID, 1500/ROLL, ONE ROLL PER BOX, PRICED PER BOX	EA	209.05
0018AB	pRFID Shipping Label 4" x 6" -- ZEBRA AIT, CONSUMABLES, LABEL, PAPER, 4X6IN (101.6X152.4MM); TT, Z-PERFORM 1500T, COATED, PERMANENT ADHESIVE, 3IN (76.2MM) CORE, RFID, 800/ROLL, ONE ROLL PER BOX, PRICED PER BOX	EA	118.65

0020	**pRFID Thermal Transfer Printer**		
0020AA	ZEBRA AIT, PRINTER, ZT411, THERMAL TRANSFER, 4", 203 DPI, US CORD, SERIAL, USB, 10/100 ETHERNET, BLUETOOTH 4.1/MFI, USB HOST, RFID UHF ENCODER: US & CANADA, EZPL TAA, TT	EA	2421.44
0020CA	ZEBRA, CONSUMABLES, 3200 WAX/RESIN RIBBON, 4.33" X 1476', 1" CORE, 6 ROLLS PER CASE, PRICED PER Case.	EA	150.00
0020EA	SEAGULL SCIENTIFIC, BARTENDER 2022 PROFESSIONAL: APPLICATION LICENSE + 1 PRINTER, LICENSE DELIVERED BY EMAIL, INCLUDES 3 YEAR OF STANDARD MAINTENANCE & SUPPORT	EA	743.14