

This is a combined synopsis/solicitation for commercial items prepared in accordance with the format in [Subpart 12.6](#), as supplemented with additional information included in this notice. This announcement constitutes the only solicitation; quotes are being requested and a written solicitation will not be issued. This solicitation is issued as a request for quote, solicitation number SP3300-09-Q-0089.

The Defense Distribution Center located in New Cumberland, PA has a requirement to purchase barcode scanners and ancillary warranties and equipment.

This is an unrestricted acquisition for vendors that can provide the brand name (The Culver Group) or equal equipment (see attached salient characteristics). The NAICS code is 334119. The size standard is 1,000 employees.

See attached schedule of supplies and services for CLIN identification. Delivery is required 14 days after the receipt of the order. See the attached schedule of supplies and services for the delivery addresses associated with each line item. Delivery should be priced as FOB Destination.

Offerors shall provide a firm fixed unit price for each CLIN and the total amount.

This notice incorporates provisions and clauses in effect through Federal Acquisition Circular 2005-31. The following clauses are incorporated for purposes of this notice and will be included in the contract award document by either reference or full text: FAR 52.212-1 INSTRUCTIONS TO OFFERORS-COMMERCIAL ITEMS; FAR 52.212-3; OFFEROR REPRESENTATIONS AND CERTIFICATIONS; FAR 52.212-4, CONTRACT TERMS AND CONDITIONS; FAR 52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS- COMMERCIAL ITEMS to include FAR 52.203-3, FAR 52.203-6 (ALT 1), 52.219-4, 52.219-8, 52.222-3, 52.222-19, 52.222-21, 52.222-26, 52.222-39, 52.222-35, 52.222-36, 52.222-37, 52.225-13, 52.232-33, 52.247-64; FAR 52.217-7, Option for Increased Quantity -- Separately Priced Line Item; DFARS 252.212-7001, CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS to include DFARS 252.225-7012, DFARS 252.232-7003, DFARS 252.243-7002, DFARS 252.247-7023; DFARS 252.212-7000 OFFEROR REPRESENTATIONS AND CERTIFICATIONS-- COMMERCIAL ITEMS; AND DLAD 52.247-901 REQUIREMENTS FOR TREATMENT OF WOOD PACKAGING MATERIAL (WPM). These clauses may be viewed at <http://farsite.hill.af.mil/>. Additional required clauses other than those above may be included as Addenda on the award document. Evaluation for award shall be in accordance with FAR 13.106. The Government intends to award a contract resulting from this notice on an all or none basis to the responsible offeror whose offer is the lowest price who can meet all of the salient characteristics delivery requirements.

Offerors must submit a completed copy of FAR 52.212-3 OFFEROR REPRESENTATIONS AND CERTIFICATIONS-COMMERCIAL ITEMS with the price offer or may complete the representations and certifications on the internet at <http://orca.bpn.gov>. Failure to include the certifications along with a price proposal will render an offeror ineligible for award. All questions and inquiries should be addressed via email to karen.ghani@dla.mil, Request for Quote

Number SP3300-09-Q-0089. Prices and representations/certifications are required NLT 12:00 PM EST on May 12, 2009. This information should be submitted to the above email address or faxed to 717-770-7591. Contractors must be capable of accepting electronic fund payment for this procurement. **ALL SOURCES MUST BE REGISTERED IN THE CENTRAL CONTRACT REGISTRATION DATABASE, <http://www.ccr.gov/>, or an award cannot be processed.**

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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0001

Barcode Scanner
Document Number: 9030-3187

4800iSR Wired Barcode Scan Guns
Culver Group Model Number 48CK-TCG or equal
The 4800 kit includes 4800SR Imager with complete decode, setup sheet for DLA
J6 PDF Character conversion firmware setup, user guide. IP 54 rating.

This is a brand name or equal line item. See the attached salient characteristics
required.

Ship To: Defense Distribution Depot Susquehanna. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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0002

12 Foot USB Cable
Document Number: 9030-3187

Culver Group Model Number 46-USBCBL or equal
USB cable for 48CK-TCG 4800 imager—12 foot long.

Ship To: Defense Distribution Depot Susquehanna. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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0003

Barcode Scanner
Document Number: 8338-3168

4800iSR Wired Barcode Scan Guns
Culver Group Model Number 48CK-TCG or equal
The 4800 kit includes 4800SR Imager with complete decode, setup sheet for DLA
J6 PDF Character conversion firmware setup, user guide. IP 54 rating.

This is a brand name or equal line item. See the attached salient characteristics
required.

Deliver To: Defense Distribution Depot Susquehanna. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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0004

12 Foot USB Cable
Document Number: 8338-3168

Culver Group Model Number 46-USBCBL or equal
USB cable for 48CK-TCG 4800 imager—12 foot long.

Deliver To: Defense Distribution Depot Susquehanna. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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0005

Barcode Scanner
Document Number: 8309-3053

4800iSR Wired Barcode Scan Guns
Culver Group Model Number 48CK-TCG or equal
The 4800 kit includes 4800SR Imager with complete decode, setup sheet for DLA
J6 PDF Character conversion firmware setup, user guide. IP 54 rating.

This is a brand name or equal line item. See the attached salient characteristics
required.

Deliver To: Defense Distribution Depot San Joaquin. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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0006

12 Foot USB Cable
Document Number: 8309-3053

Culver Group Model Number 46-USBCBL or equal
USB cable for 48CK-TCG 4800 imager—12 foot long.

Deliver To: Defense Distribution Depot San Joaquin. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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0007

Wireless Scan Gun
Document Number: 8309-3054

Culver Group Model Number: 4820I-FIPS-MH10 or equal
Cordless scanner kit with FIP-140 encryption, SR Area imager, MH10 Character
conversion defaulted, Lithium ion battery, PS, base, 6 foot straight USB cable, 3/1
warranty, configuration badge.

This is a brand name or equal line item. See the attached salient characteristics
required.

Deliver To: Defense Distribution Depot San Joaquin. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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0008

5 Year Comprehensive Warranty
Document Number: 8309-3054

Culver Group Model Number: SVC-4820K-7X5 or equal
7 Day turnaround. Comprehensive coverage for 5 years. Includes 4820I imager
and base (does not include battery or cable).

Deliver To: Defense Distribution Depot San Joaquin. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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0009

Wireless Scan Gun
Document Number: 8311-3065

Culver Group Model Number: 4820I-FIPS-MH10 or equal
Cordless scanner kit with FIP-140 encryption, SR Area imager, MH10 Character conversion defaulted, Lithium ion battery, PS, base, 6 foot straight USB cable, 3/1 warranty, configuration badge.

This is a brand name or equal line item. See the attached salient characteristics required.

Deliver To: Defense Distribution Depot Cherry Point. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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0010

5 Year Comprehensive Warranty
Document Number: 8311-3065

Culver Group Model Number: SVC-4820K-7X5 or equal
7 Day turnaround. Comprehensive coverage for 5 years. Includes 4820I imager and base (does not include battery or cable).

Deliver To: Defense Distribution Depot Cherry Point. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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0011

Wireless Scan Gun
Document Number: 8305-3020

Culver Group Model Number: 4820I-FIPS-MH10 or equal
Cordless scanner kit with FIP-140 encryption, SR Area imager, MH10 Character conversion defaulted, Lithium ion battery, PS, base, 6 foot straight USB cable, 3/1 warranty, configuration badge.

This is a brand name or equal line item. See the attached salient characteristics required.

Deliver To: Defense Distribution Depot Germersheim Germany. See address and clause below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0012	5 Year Comprehensive Warranty Document Number: 8305-3020	15	Each		
	Culver Group Model Number: SVC-4820K-7X5 or equal 7 Day turnaround. Comprehensive coverage for 5 years. Includes 4820I imager and base (does not include battery or cable).				
	Deliver To: Defense Distribution Depot Germersheim Germany. See address and clause below.				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0013	Barcode Scanner Document Number: 8323-3013	12	Each		
	4800iSR Wired Barcode Scan Guns Culver Group Model Number 48CK-TCG or equal The 4800 kit includes 4800SR Imager with complete decode, setup sheet for DLA J6 PDF Character conversion firmware setup, user guide. IP 54 rating.				
	This is a brand name or equal line item. See the attached salient characteristics required.				
	Deliver To: Defense Distribution Depot Corpus Christi. See address below.				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0014	12 Foot USB Cable Document Number: 8323-3013	12	Each		
	Culver Group Model Number 46-USBCBL or equal USB cable for 48CK-TCG 4800 imager—12 foot long.				
	Deliver To: Defense Distribution Depot Corpus Christi. See address below.				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0015	Barcode Scanner Document Number: 9050-3134	20	Each		
	4800iSR Wired Barcode Scan Guns Culver Group Model Number 48CK-TCG or equal The 4800 kit includes 4800SR Imager with complete decode, setup sheet for DLA J6 PDF Character conversion firmware setup, user guide. IP 54 rating.				
	This is a brand name or equal line item. See the attached salient characteristics required.				
	Deliver To: Defense Distribution Depot Corpus Christi. See address below.				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0016	12 Foot USB Cable Document Number: 9050-3134	20	Each		
	Culver Group Model Number 46-USBCBL or equal USB cable for 48CK-TCG 4800 imager—12 foot long.				
	Deliver To: Defense Distribution Depot Corpus Christi. See address below.				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0017	Barcode Scanner Document Number: 9071-3037	300	Each		
	4800iSR Wired Barcode Scan Guns Culver Group Model Number 48CK-TCG or equal The 4800 kit includes 4800SR Imager with complete decode, setup sheet for DLA J6 PDF Character conversion firmware setup, user guide. IP 54 rating.				
	This is a brand name or equal line item. See the attached salient characteristics required.				
	Deliver To: Defense Distribution Depot Susquehanna. See address below.				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0018	12 Foot USB Cable Document Number: 9071-3037	300	Each		
	Culver Group Model Number 46-USBCBL or equal USB cable for 48CK-TCG 4800 imager—12 foot long.				
	Deliver To: Defense Distribution Depot Susquehanna. See address below.				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0019	Wireless Scan Gun Document Number: 9071-3042	50	Each		
	Culver Group Model Number: 4820I-FIPS-MH10 or equal Cordless scanner kit with FIP-140 encryption, SR Area imager, MH10 Character conversion defaulted, Lithium ion battery, PS, base, 6 foot straight USB cable, 3/1 warranty, configuration badge.				
	This is a brand name or equal line item. See the attached salient characteristics required.				
	Deliver To: Defense Distribution Depot Susquehanna. See address below.				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0020	5 Year Comprehensive Warranty Document Number: 8305-3020	50	Each		
	Culver Group Model Number: SVC-4820K-7X5 or equal 7 Day turnaround. Comprehensive coverage for 5 years. Includes 4820I imager and base (does not include battery or cable).				
	Deliver To: Defense Distribution Depot Susquehanna. See address below.				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0021	Cable Document Number: 9071-3044	100	Each		
	Culver Group Model Number: 46-TEKDB9 or equal 6 foot RS-232 cable for Teklogix 8525 units				
	Deliver To: Defense Distribution Depot Susquehanna. See address below.				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0022	Wireless Scan Gun Document Number: 9071-3049	20	Each		
	Culver Group Model Number: 4820I-FIPS-MH10 or equal Cordless scanner kit with FIP-140 encryption, SR Area imager, MH10 Character conversion defaulted, Lithium ion battery, PS, base, 6 foot straight USB cable, 3/1 warranty, configuration badge.				
	This is a brand name or equal line item. See the attached salient characteristics required.				
	Deliver To: Defense Distribution Depot Anniston. See address below.				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0023	5 Year Comprehensive Warranty Document Number: 9071-3049	20	Each		
	Culver Group Model Number: SVC-4820K-7X5 or equal 7 Day turnaround. Comprehensive coverage for 5 years. Includes 4820I imager and base (does not include battery or cable).				
	Deliver To: Defense Distribution Depot Anniston. See address below.				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0024		17	Each		

Barcode Scanner

Document: 9083-3026

4800iSR Wired Barcode Scan Guns

Culver Group Model Number 48CK-TCG or equal

The 4800 kit includes 4800SR Imager with complete decode, setup sheet for DLA J6 PDF Character conversion firmware setup, user guide. IP 54 rating.

This is a brand name or equal line item. See the attached salient characteristics required.

Deliver To: Defense Distribution Depot Richmond. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0025		17	Each		

12 Foot USB Cable

Culver Group Model Number 46-USBCBL

USB cable for 48CK-TCG 4800 imager—12 foot long.

Deliver To: Defense Distribution Depot Richmond. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0026		150	Each		

Wireless Scan Gun

Document: 9085-3087

Culver Group Model Number: 4820I-FIPS-MH10 or equal

Cordless scanner kit with FIP-140 encryption, SR Area imager, MH10 Character conversion defaulted, Lithium ion battery, PS, base, 6 foot straight USB cable, 3/1 warranty, configuration badge.

This is a brand name or equal line item. See the attached salient characteristics required.

Deliver To: Defense Distribution Depot Oklahoma City. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0027		150	Each		

5 Year Comprehensive Warranty

Document: 9085-3057

Culver Group Model Number: SVC-4820K-7X5 or equal

7 Day turnaround. Comprehensive coverage for 5 years. Includes 4820I imager and base (does not include battery or cable).

Deliver To: Defense Distribution Depot Oklahoma City. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0028		25	Each		

Barcode Scanner

Document: 9077-3053

4800iSR Wired Barcode Scan Guns

Culver Group Model Number 48CK-TCG or equal

The 4800 kit includes 4800SR Imager with complete decode, setup sheet for DLA J6 PDF Character conversion firmware setup, user guide. IP 54 rating.

This is a brand name or equal line item. See the attached salient characteristics required.

Deliver To: Defense Distribution Depot Warner Robins. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0029		25	Each		

12 Foot USB Cable

Document: 9077-3053

Culver Group Model Number 46-USBCBL or equal

USB cable for 48CK-TCG 4800 imager—12 foot long.

Deliver To: Defense Distribution Depot Warner Robins. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0030		500	Each		

OPTION Barcode Scanner

4800iSR Wired Barcode Scan Guns

Culver Group Model Number 48CK-TCG or equal

The 4800 kit includes 4800SR Imager with complete decode, setup sheet for DLA J6 PDF Character conversion firmware setup, user guide. IP 54 rating.

This is a brand name or equal line item. See the attached salient characteristics required.

NOTE: If this option is exercised, the entire quantity may not be used. This option may be exercised more than one time during the period in which the option may be exercised (six months in accordance with FAR 52.217-7 Option for Increased Quantity—Separately Priced Line Item)

Deliver To: Defense Distribution Depot Susquehanna. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0031		500	Each		
OPTION	12 Foot USB Cable				

Culver Group Model Number 46-USBCBL or equal
USB cable for 48CK-TCG 4800 imager—12 foot long.

NOTE: If this option is exercised, the entire quantity may not be used. This option may be exercised more than one time during the period in which the option may be exercised (six months in accordance with FAR 52.217-7 Option for Increased Quantity—Separately Priced Line Item)

Deliver To: Defense Distribution Depot Warner Robins. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0032		500	Each		
OPTION	Wireless Scan Gun				

Culver Group Model Number: 4820I-FIPS-MH10 or equal
Cordless scanner kit with FIP-140 encryption, SR Area imager, MH10 Character conversion defaulted, Lithium ion battery, PS, base, 6 foot straight USB cable, 3/1 warranty, configuration badge.

This is a brand name or equal line item. See the attached salient characteristics required.

NOTE: If this option is exercised, the entire quantity may not be used. This option may be exercised more than one time during the period in which the option may be exercised (six months in accordance with FAR 52.217-7 Option for Increased Quantity—Separately Priced Line Item)

Deliver To: Defense Distribution Depot Susquehanna. See address below.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0033		500	Each		
OPTION	5 Year Comprehensive Warranty				

Culver Group Model Number: SVC-4820K-7X5 or equal
7 Day turnaround. Comprehensive coverage for 5 years. Includes 4820I imager and base (does not include battery or cable).

NOTE: If this option is exercised, the entire quantity may not be used. This option may be exercised more than one time during the period in which the option may be exercised (six months in accordance with FAR 52.217-7 Option for Increased Quantity—Separately Priced Line Item)

Deliver To: Defense Distribution Depot Susquehanna. See address below.

Shipping Addresses

CONUS Place of Performance

DDSP
Defense Distribution Depot Susquehanna
Attn: Dennis Keller
2001 Mission Drive
New Cumberland, PA 17070-5000

DDJC
Defense Distribution Depot San Joaquin,
Attn: Antonia Righetti
25600 South Chrisman Road
Tracy, CA 95304

DDCN
Defense Distribution Depot Cherry Point,
Attn: Kevin Kelly
Langley Rd,
Cherry Point, NC 28533-0020

DDCT
Defense Distribution Depot Corpus Christi,
Attn: Joey Wilson
540 First St., SE,
Corpus Christi, TX 78419-5255

DDAA
Defense Distribution Depot Anniston,
Anniston Army Depot.
Attn: Howard Gerald
7 Frankford Ave.,
Anniston, AL 36201-4199

DDRV
Defense Distribution Depot Richmond, VA
8000 Jefferson Davis Highway
Richmond, VA 23297-5900

DDOO
Defense Distribution Depot Oklahoma,
Tinker AFB.
Attn : Gary Selph
3301 F Avenue
Oklahoma City, OK 73145-9013

DDWG
Defense Distribution Depot Warner Robins, GA
Robins AFB
Attn: Greg Mixon
450 5th St.
Warner Robins, GA 31098-1887

OCONUS

Please note that this address is for information only. All OCONUS shipments will be made via the CCP in accordance with the shipping instructions below.

DDDE

Defense Distribution Center Europe
US Army Center,
Bldg. 7525
Germersheim, GE 76726

DDC 52.247-9W18 SHIPPING INSTRUCTIONS FOR SB3551 DDDE (EUROPE) (FEB 2007)

SMALL TO MEDIUM PACKAGES:

The preferred method of shipping packages is Priority Mail with return receipt via APO/FPO if the shipment meets U. S. Postal Requirements. General guidelines for APO addresses are: Packages 1) may not exceed 70 lbs. 2) may not exceed 130 inches in combined length and girth. 3) must be sent via the U. S. Postal System. 4) Outside markings must include contract number and statement "CONTENTS FOR OFFICIAL USE - EXEMPT FROM CUSTOMS REQUIREMENTS". Include copy of contract/purchase order on outside of package.

Specific instructions and rates for shipments to APO/FPO addresses can be found at the Post Office website at <http://postcalc.usps.gov/>. (Shipment to an APO/FPO address is a domestic shipment.)

MAILING ADDRESS:

SB3551
DEF DIST DEPOT EUROPE
CMR 425 BOX 700
APO AE 09095-0700

LARGER SHIPMENTS:

Freight address for shipments over 70 pounds or 130 inches combined length and girth is:

CONSOL AND CONTAINERIZATION POINT
DDSP BLDG 2001 CCP DOOR 135 THRU 168
MARK FOR SB3551
NEW CUMBERLAND PA 17070-5001

Appointments are required for transshipments. The phone number to schedule DDSP CCP deliveries is (717) 770-6969.

The outside packaging must include the Transportation Control Number (TCN), contract number and a copy of this order.

TRUCKLOAD SHIPMENTS:

If a shipment exceeds any of these dimensions: 85" high, 85" wide or 228" long or is likely to fill more than half of a 40 foot Seavan , the shipment may be routed directly to a freight

forwarder rather than the Consolidation and Containerization Point. Call the Point of Contact on this order for further information.

Without proper markings shipments and payments will be delayed and may be lost.

DSS BARCODE SCANNER/IMAGER JUSTIFICATION
Brand Name or Equal HHP 4820i Industrial Wireless Imager
With DLA modifications
(A Wireless Imager Solution)

The Defense Distribution Center (DDC), a major field activity of the Defense Logistics Agency operates over 25 standardized depots and distribution processes world wide in support of a critical Department of Defense logistics pipeline. The depots operate a standard process using a standardized system (DSS). That standardization process, under the direction of the Office of the Secretary of Defense has generated significant cost avoidance for the Department of Defense. That inherent nature of the standardization requires most or nearly all equipment and in particular equipment used in systemic depot operations (IT) has been tested, validated and standardized to operate under the required constraints and with the standardized computer system. Equipment not validated entails significant additional hidden costs to the Government in insuring operability, interoperability, data integrity and information assurance, loss of significant cost benefit plus added maintenance and repairs.

The DDC has a requirement to procure a brand name or functionally equal replacement for the standardized wireless imager system currently used in a light industrial environment, with a limited range radio connection and appropriate network security. Specifically the standardized imager must be **brand name or equal** to the (Hand Held Products) HHP (now Honeywell) 4820i imager with appropriate required DLA setups and character conversion changes to interoperate with DLA/DDC WMS. Associated equipment to the imager is required to ensure a barcode read and interpreted with the wireless barcode imager transmits from the physical imager via a wireless encrypted radio system to a dock/base-station/charger to be further relayed to a windows PC/microcomputer workstation with a WINDOWS operating system and TN3270E emulation software via a USB connection. The associated equipment is considered to contain but may not all inconclusive of a base station/dock/charger the same as or equal to a HHP (Now Honeywell) 2020 Base (referred to below as the **Base**). The connection to the workstation from the Base is to be with an approximate 6 foot industry standard USB (2.0) cabled connection. Also expected is an appropriately tested and sized lithium ion battery of below defined capacity and all required software and manuals to assure a fast and effective data capture, interpretation and transmission. The HHP 4820i imager, with RF connection and appropriate required setups and changes is currently marketed through an HHP reseller as part number 4820i-FIPS-MH10 with USB. The Imager must be NIST certified at FIPS-140-2 for use in US Federal Government operations.

The 4820i-FIPS-MH10 can be defined as a radio frequency connected HHP/Honeywell 4820i with an FIPS-140 level 2 encryption, appropriate base station, approximate 6 foot USB (2.0) cable and the inherent programmed/firmware ability to read and interpret and convert DLA/DDC specific defined 2d barcode MH10.8 format characters to other characters that can be passed simply through our DOD communications system via a TN3270E screen emulator to an IBM mainframe operating system. The specific characters to be converted and their substitutions are defined lower in the Salient Characteristics.

Equipment not validated for use by manufacturer, model and appropriate internal programming/ firmware must be tested and validated to completely inter-operate in the DLA warehousing industrial environment or it cannot be considered as applicable or part of the standard suite of applicable replacements. Wireless units must be NIST FIPS-140 level 2 or greater certified. Documentation of that certification may be required.

The scanner that meets all specifications is referenced as a Culver Group Model 48CK-TCG which is a Honeywell 4820i with additional DLA specific requirements added in the Culver Group Model.

Specific Salient Characteristics for Brand Name or Equal HHP/Honeywell 4820i imagers/scanners for DLA warehousing operations.

- Must come in an impact resistant case or housing suitable for light to medium to occasionally heavy industrial use. The imager case must be seal/resist against dust and moisture to the rating of IP54 or better. Imager must be documented as functional and operational after 50 drops to concrete from a height of 6 feet or better. The base must be considered operational after 50 drops to concrete from a height of 3.3 feet.
- The imager and associated equipment must come with a minimum 3 year mail back warranty, parts and labor. The battery because of its consumable life may have a 1 year mail back warranty, parts and labor. The USB cable is to be included in the warranty.
- Must be able to dynamically read, recognize and process and pass to the TN3270E emulator screen the common 1 (one) dimensional barcodes (linear symbologies) with in a reasonable length of processing time. That reasonable length can depend on the variety of possible symbologies that can be considered or recognized but cannot exceed 2 seconds and have an average read, recognize and process time of less then 1 second.
- Must be able to read, interpret and process printed linear symbologies rated “D” to better in quality, as based on published ANSI scale for rating linear barcode symbologies qualities.

- Imager must have the capability to dynamically read, recognize and process **at a minimum** the following **linear** symbologies: CODE 39, Code 128, Code 93, the various EAN and UPC symbologies, as well as Codabar.
- Imager must have the capability to dynamically read, recognize and process **at a minimum** the following **2 dimensional symbologies**: PDF417 including MicroPDF417, DATA MATRIX, Maxi-Code and EAN, UPC Composite.
- Imager must have the capability to dynamically read, recognize and process postal codes to include: Postnet, Planet Code.
- Imager must be able to read, recognize and process at a minimum OCR-A and OCR-B
- Must have the ability to dynamically read, recognize, shift between and process above linear and 2d symbologies without any operator or IT professional interaction, when those symbologies have been programmatically activated in the imager.
- The unit must be programmable using symbols and barcodes that define features, symbologies and functions to activate or turn off. This must include programming the imager to ignore, not recognize and not process symbologies not currently needed, but may be later activated when needed. Programming must also be able to activate features such as adding or removing a Carriage Return (ASCII HEX 0D), Line Feed (ASCII HEX 0A), as well as other significant characters (TAB) that depend on the default (keyboard) setup. The unit must have the ability to significant program character substitutions when necessary.
- The unit/imager must operate with no specific functional operator interaction required beyond the pulling of an operating trigger and pointing the unit at the barcode. The imager is expected to read, interpret and process a scanned barcode into the appropriate character stream at the coordinates identified as a cursor position on a TN3270E emulated screen on a desktop computer or laptop with a Windows XP or later operating system (identified as the workstation). It should appear to the TN3270E software as a keyboard entry by an operator, what is commonly referred to as a virtual or logical or software keyboard wedge.
- The wireless connection must be a secure, robust and a proven mechanism of connecting to the base station and the appropriate application using BLUETOOTH 1.2 or later radio interface and must in addition be NIST certified for FIPS-140 level 2 (NIST stage 5 approved, is to be considered certified). Please see http://en.wikipedia.org/wiki/FIPS_140 and <http://csrc.nist.gov/groups/STM/index.html>. BLUETOOTH in this instance is defined as 2.4 to 2.4835 Ghz Frequency Hopping (ISM band). The actual data rate cannot be less than 720KBps. The effective range of the imager to the base is to be not less than 33 feet unobstructed. The range of 33 plus approximately 20% is

considered the maximum range of the appliance. Ranges above that may not be considered for security reasons.

- Imager must have the ability to operate “right out of the box” with minimum set up and configuration. All of the processing to read, scan, interpret, process the prescribed bar codes must reside in the device UPSTREAM from the workstation (internal to the imager or base). Interpretation software that must reside on a computer to interpret and process the symbologies for the scanner is not acceptable. Any version of middle ware or interdiction software is not acceptable. The requirement to use a separate windows driver that must be loaded for the unit to operate in a Windows XP O/S or better managed USB port is not acceptable. The unit must be defined as USB “plug and play”. USB version must be 2.0.
- Must provide the following dynamic character substitutions of MH10.8 format characters in PDF417 and DATA MATRIX symbologies. The purpose of the conversion is to enable the successful transmission of MH10.8 defined characters embedded in a PDF417 and possibly DATA MATRIX 2 dimensional barcode to transit an IBM mainframe network without any alteration or program changes. No other character conversions or alterations are acceptable.

Current MH10 Character (ASCII)	Hexadecimal Value	Is Converted to:	Hexadecimal Value
GS	1D	‘	60
RS	1E		7C
EOT	04	^	94
5B	[~	7E

- The imager must be programmed/firmware adjusted at the factory or before delivery to meet the above character substitution

requirements to assure immediate out of the box deployment. Or must be provided with a “quick scan” programming barcode(s) that immediately activates or programs the above conversion process. No other interface, development, programming, tuning, configuring, adjusting with any software or firmware should be required. A scan sheet or similar simple mechanism resetting the imager to the DLA default configuration that provides character substitution and connection mechanism is acceptable and must be included if the units was not preprogrammed.

- Must meet or exceed the environmental specifications and operate without problems in the range of possible normal environmental temperature and humidity commonly found in DLA warehousing and distribution operations. DLA operations often function in a temperature from 14F to 122F and 0% to 95% humidity. The base station must be able to operate in a range of 32F to 120F, 0% to 95% humidity. The storage temperature of both the imager and base should meet or exceed the range of -40F to 158F.

- Must **meet or exceed** the published performance characteristics or better of HHP (Now Honeywell) 4820i specifications and characteristics for working range, skew angle, pitch angle and motion tolerance. Applicants not submitting an HHP (Now Honeywell) 4820i must submit documentation demonstrating the ability to meet or exceed the 4820i working range criteria for optics. The specifications for a HHP 4820i can be found at:
http://www.handheld.com/Site.aspx/na/en/product_center/product_support/?tab=product_support&product=245&category=6
- The imager must be supplied with a battery of sufficient size and magnitude to power the imager for a minimum of 50,000 scans per full battery charge. The suggested capacity is ~1,800mAh as a minimum. The stand/dock is expected to act as a battery charger when the using is not being actively operated. If the stand/dock is not able to be used as a charger another battery charging mechanism with a spare battery must be supplied
- The imager must be able to operate, read, recognize and process barcodes in reasonably ambient sunlight, considered strong daylight conditions. Which is defined as Ambient Light from 30,000 to 100,000 LUX. The Imager must supply illumination LED as well as Aiming LED of significant power to accomplish the objective. Must meet or exceed the 4820i published Illumination LED of 617nm Plus or minus 30nm and a aiming LED of 526nm plus or minus 30nm. The purpose is to assure readability in the varied environments involved in DLA distribution operations and environments.
- Imager must be able to read and process to a digital image (picture), when the feature is activated with appropriate receiving software in VGA, 752x480, Binary, TIFF, or JPEG output files.
- Imager must be the same approximate weight and physical configurations as HHP (Honeywell) 4820i or smaller and lighter.
- Imager/Unit must be compliant with **USA:** FCC part 15 subpart C. **Europe:** The CE Low Voltage Directive (2020), CB Scheme to IEC60950-1 and IEC60825-1, CLASS 1 LED (4820). The unit must have UL Listing 60950-1or documentation citing proof of similar accreditations.

DSS SCANNER JUSTIFICATION
Brand Name or Equal HHP 4800iSR
With DLA modifications.

The Defense Distribution Center (DDC), a major field activity of the Defense Logistics Agency operates over 25 standardized depots and distribution processes world wide in support of a critical Department of Defense logistics pipeline. The depots operate a standard process using a standardized system (DSS). That standardization, under the direction of the Office of the Secretary of Defense has generated significant cost avoidance for the Department of Defense. That inherent nature of the standardization requires most or nearly all equipment and in particular equipment used in systemic depot operations (IT) has been tested, validated and standardized to operate under the required constraints and with the standardized computer system. Equipment not validated entails significant additional hidden costs to the Government in insuring operability, data integrity and assurance, significant cost benefit, product maintenance and repair.

The DDC has a requirement to procure a brand name or functionally equal adjunct or replacement for the standardized imager system currently used in an industrial environment.

The scanner that meets all specifications is reference as Culver Group Model 4820I-FIPS-MH10 which is a Honeywell 4800iSR with additional DLA specific requirements added in the Culver Group Model.

In this case, specifically the IT equipment is additional standardized imager must be **brand name or equal** to the (Hand Held Products) HHP IMAGETEAM 4800iSR imager with appropriate required setups and changes. The imager, with appropriate required setups and changes has been marketed in the past as through HHP resellers as part number HHP4800iSR051C or Army AITIII Contract as CLIN 0008AD.

The HHP4800iSR051C or AITIII Clin 0008AD can be defined as an HHP 4800iSR051C or HHP IMAGETEAM 4800iSR, with 12 foot USB cable (HHP 42206202-02) and the inherent programmed/firmware ability to read and convert specific 2d barcode MH10 format characters to other characters that can simply be passed through the DOD communications system to an IBM mainframe operating OS390 or similar Operating System. The specific characters to be converted and their substitutions are defined in the Salient Characteristics.

Equipment not validated for use by manufacturer, model and appropriate programming must be tested and validated to inter-operate in the DLA warehousing industrial environment or it cannot be considered as applicable or part of the standard suite of applicable replacements.

Salient Characteristics for Brand Name or Equal HHP IMAGETEAM 4800SR.

- Must come in an impact resistant case or housing suitable for light to medium heavy to occasionally heavy industrial use. Housing must be rated to UL 94V0 grade or better. The case must be seal/resist against dust and moisture to the rating of IP54 or better. Unit must remain operational after 50 drops to concrete from a height of 6 feet or better. The imager must withstand vibrations of 5G from 22 to 30 Hz or better and still operate with no untoward reactions.
- Must be able to dynamically read, recognize and process the common 1 (one) dimensional barcodes (linear symbologies) with in a reasonable length of processing time. That reasonable length can depend on the variety of possible symbologies that can be considered or recognized but cannot exceed 2 seconds and have an average read, recognize and process time of less then 1 second.
- Must be able to read and process printed linear symbologies rated “D” to better in quality, as based on published ANSI scale for rating linear barcode symbologies qualities.
- Imager must have the capability to dynamically read, recognize and process **at a minimum** the following **linear** symbologies: CODE 39, including PARAF, Interleaved 2 of 5, Code 11, Code 128, Code 93, the various EAN and UPC symbologies, and Codabar.
- Imager must have the capability to dynamically read, recognize and process **at a minimum** the following **2 dimensional symbologies**: PDF417 including MicroPDF417, DATA MATRIX, Maxi-Code, QR Code, Aztec, Code 49 and UPC Composite.
- Imager must have the capability to dynamically read, recognize and process postal codes to include: Postnet and Planet Code.
- Must have the ability to dynamically read, recognize, shift between and process linear and 2d symbologies without any operator or IT professional interaction, when those symbologies have been programmatically activated in the imager.
- Imager must be able to read, recognize and process at a minimum OCR-A and OCR-B

- The unit must be programmable using symbols and barcodes that define features, symbologies, functions to activate or turn off. This must include programming the imager to ignore, not recognize and not process symbologies not currently needed, but may be later activated when needed. Programming must also be able to activate features such as adding or removing a Carriage Return (ASCII HEX 0D), Line Feed (ASCII HEX 0A), as well as other significant characters (TAB) that depend on the default (keyboard) setup. The Imager must have the ability to program character substitutions when necessary. The Imager must have the ability to program changes to the keyboard configuration emulated (USB as seen as a keyboard wedge) being used as well as change or update the configuration to the operating system the imager must interact with.
- The unit/imager must operate with no specific functional operator interaction required beyond the pulling of an operating trigger and pointing at the barcode. The imager is expected to read and process that barcode into a cursor position on a TN3270 emulated screen on a desktop computer or laptop with a Windows XP or later operating system. It should appear to the TN3270 software as a keyboard entry by an operator.
- When supplied with the correct USB cable, the imager must have the ability to connect via the above industry standard USB cable and connectors. The USB cable must be supplied at no additional cost. The imager must appear to a industry standard desktop or laptop computer operating Windows XP OS or better as a keyboard wedge or similar device. The USB cable is 12 foot long with approximately 4 feet tightly coiled for ease of use. The total functional length including coils is approximately 8 feet, 5 inches. There is no substitution for the USB connection the same or equal to a HHP part number 42206202-02 USB (sometimes as 06202-2 as marked on a current 4800iSR 12 foot USB cable). The Imager must come with the ability to “plug and play” to the USB port using a supplied USB cable.
- The Imager must have the ability to connect via various additional configurations and connections to include the ability to connect using a proprietary 6 foot RS-232 cable to and to successfully connect with, operate with and interact with a Psion Teklogix 8525. The proprietary cables are available as **part number 46-TEKDB9-6**. It must have the ability to connect to a Psion Teklogix VMU with a proprietary cable. The cable part number is **4-TEKVMU**. The Teklogix cables may be proprietary to Psion Teklogix Inc. There is no substitution for the USB connection.

- Imager must have the ability to operate “right out of the box” with minimum set up and configuration. Interpretation software that must reside on a computer to interpret and process the symbologies for the scanner is not acceptable. Any version of middle ware or interdiction software is not acceptable. The requirement to use a separate windows driver that must be loaded for the unit to operate in a Windows XP O/S or better managed USB port is not acceptable. The unit must be USB “plug and play”.
- Must provide the following dynamic character substitutions of MH10 format characters in PDF417 and DATA MATRIX symbologies. The purpose of the conversion is to enable the successful transmission of MH10 characters embedded in a PDF417 and possibly DATA MATRIX 2 dimensional barcode transit an IBM mainframe network without any alteration or program changes. No other character conversions or alterations are acceptable.

Current MH10 Character (ASCII)	Hexadecimal Value	Is Converted to:	Hexadecimal Value
GS	1D	‘	60
RS	1E		7C
EOT	04	^	94
5B	[~	7E

- The imager must be programmed/firmware adjusted at the factory or before delivery to meet the above requirements to assure

immediate out of the box deployment. No other interface, development, programming, tuning, configuring, adjusting with any software should be required. A scan sheet or similar simple mechanism resetting the imager to the DLA default configuration should be included.

- Must meet or exceed the environmental specifications and operate without problems in the range of possible normal environmental temperature and humidity commonly found in DLA warehousing and distribution operations. DLA operations often function in a temperature from 20F to 120F and 0% to 95% humidity. The storage temperature should meet or exceed the range of -40F to 158F.
- Must **meet or exceed** the published performance characteristics or better of HHP IMAGETEAM 4800iSR specifications and characteristics for working range, skew angle, pitch angle and motion tolerance. Applicants not submitting an HHP IMAGETEAM 4800iSR must submit documentation demonstrating the ability to meet or exceed the IMAGETEAM working range criteria.
- When attached via industry standard USB port, imager must operate solely off the USB power supply and not require an additional power source to operate. Imager must have similar electrical power consumption requirements as a HHP 4800iSR as

published in the HHP4800iSR specification sheet, 4.0V to 14V DC. Must be the same or more power efficient at 5V power consumption input then: 382mA scanning and 53mA idle.

- Imager must have noise rejection the same as or better than a HHP 4800iSR which has a Maximum 110mv peak to peak at 10 to 110 Khz.
- The imager must be able to operate, read, recognize and process barcodes in full sunlight. Which is defined as Ambient Light from 0 to 100,000 lux. The Imager must supply illumination LED as well as Aiming LED of significant power to accomplish the objective. Must meet or exceed the 4800iSR published Illumination LED of 626nm Plus or minus 30nm and a Aiming LED of 526nm plus or minus 30 nm. The purpose is to assure readability in the many environments involved in DLA distribution operations.
- Imager must be able to read and process to a digital image (picture), when the feature is activated with appropriate receiving software in VGA, 752x480, Binary, TIFF, or JPEG output files.
- Imager must be the same weight and physical configurations as IMAGETEAM 4800iSR or smaller and lighter. The IMAGETEAM 4800iSR has a weight of 7.5 oz, a Length of 5.3, Height of 6.4 and width of 3.2.
- Imager must have a failure rate that meets or exceed the MTBF as defined by MIL-HDBK-217F for a Ground Benign unit of 82,000 hours. The ESD protection should meet or exceed the functionality of 100 discharges at 15kV.
- Imager must have a minimum of 3 year warranty for parts and labor, to include warranty of the connecting cables. The units must be marked as to source as to facilitate the prompt return to the appropriate source for warranty repairs and maintenance.
- Imager/Unit must be compliant with FCC for Class B devices, CE EMC Class B, The CE Low Voltage Directive, IEC60825-1, LED Safety Class :1. The unit must have UL and cUL Listing as well as 205 Sunrise Compliant; or documentation citing proof of similar accreditations.