

JUSTIFICATION REVIEW DOCUMENT

Control Number: HQC007-14-12

Purchase Request: HQCAAA-3255-2200 and HQCAAA-3259-2200 (40 Store Tech Refresh & WCS)
CME8 20 Store Tech Refresh – PR not assigned at this time.

Description of Acquisition: Brand name Cisco hardware, software licenses and maintenance support for the Defense Commissary Agency's (DeCA) 40 Store Tech Refresh to be used for the wireless infrastructure and the Wireless Control System (WCS) to Prime infrastructure at CONUS and OCUNUS commissaries and CME8 20 Store Tech Upgrade necessary to support the Voice Over Internet Protocol (VoIP) at the Commissaries.

Statutory Authority: 10 U.S.C. 2304(c)(1), FAR part 6.302-1(c), Application of Brand Name Descriptions.

Prepared by: Jason Nuckols [Signature]

Contract Specialist
Date: 02/18/2014

Technical: Duane Woodfin/Joe Amabile [Signature]

Information Technology Specialist
Date: 2/18/2014

LEIMG: Kim Short [Signature]

IT Specialist
Date: 2/18/2014

PCO: Rita W. Jackson [Signature]
Phone: (804) 734-8000 Ext: 48199

Contracting Officer
Date: 2/18/2014

Reviews: We have reviewed this Justification & Approval (J&A) and find that justification is adequate to support other than full and open competition.

Program Manager: Duane Woodfin/Joe Amabile [Signature] Phone: _____

Signature: [Signature] Date: 2/18/2014

Legal Counsel: Elliot J Clark Jr
(Printed Name)

Signature: [Signature] Date: 2/19/2014

Director of Contracting: Lawrence P. Hahn [Signature]

Date: 21 Feb 2014

Competition Advocate: Melissa Rios [Signature]

Date: 2/19/14

DECA CONTROL NUMBER: HQC007-14-12

1. REQUIRING AGENCY AND CONTRACTING OFFICE:

Defense Commissary Agency (DeCA)
 1300 E Avenue
 Fort Lee, VA 23801-1800

Requiring Activity: Information Technology Directorate

Contracting Activity: Acquisition Management Directorate, Information Technology Branch (LEASI)

2. NATURE/DESCRIPTION OF ACTION(S). This justification for other than full and open competition will result in award of a firm fixed price delivery order for Cisco hardware, software licenses and their maintenance support.

3. DESCRIPTION OF SUPPLIES/SERVICES:

3a. This requirement is for the purchase of Cisco hardware, software licenses and their maintenance support. This equipment will be used for the wireless infrastructure and the Wireless Control System (WCS) to Prime infrastructure at CONUS and OCONUS commissaries.

HARDWARE/MAINTENANCE SUPPORT

Item	Description	MFG PN	Qty	Type
1	Cisco 2901 with 2 onboard GE, 4 EHWIC slots, 2 DSP slots, 1 ISM slot, 256MB CF default, 512MB DRAM default, IP Base	CISCO2901/K9	50	New
2	Router memory upgrade-512MB to 1GB DRAM (512MB+512MB) for Cisco 2901-2921	MEM-2900-512U1GB	50	New
3	Router maint-SMARTNET 8X5XNBD Cisco 2901	CON-SNT-2901	50	New
4	Router interface cards- 2-Port Serial WAN Interface Card	HWIC-2T=	20	New
5	Switch 48 port-Catalyst 2960S 48 GigE PoE 370W, 4 x SFP LAN Base-11	WS-C2960S-48LPS-L	20	New
6	Switch 48 port maint-SMARTNET 8X5XNBD Cat 2960S Stk48 GigE PoE 370W, 4 x SFP Lbas	CON-SNT-2960S4LS	20	New
7	Switch 24 port-Catalyst 2960S 24 GigE PoE 370W, 4 x SFP LAN Base-11	WS-C2960S-24LPS-L	80	New
8	Switch 24 port maint- SMARTNET 8X5XNBD Catalyst 2960S Stack	CON-SNT-29060S2PS	80	New
9	Switch stacking module- Catalyst 2960S Flexstack Stack Module	C2960S-STACK=	80	New
10	Fiber connector- GE SFP, LC connector SX transceiver	GLC-SX-MM	80	New
11	Cisco Aironet 2602e Controller-based Access Point - wireless access point	AIR-CAP2602e-A-K9	200	New
12	Cisco Aironet 2602i Controller-based Access Point - wireless access point	AIR-CAP2602I-A-K9	200	New
13	Cisco 5508 Series Wireless Controller for up to 500 APS	AIR-CT5508-500-K9	2	New
14	Cisco SMARTNET 8X5XNBD 55080 Series	CON-SNT-CT08500	2/e ach	New

SOFTWARE LICENSES

Item	Description	MFG PN	Qty	Type
1	Prime Infrastructure 1.2 - Lifecycle - 2.5K Device Lic	L-PI12-LF-2.5K	1	New
2	SW APP SUPP + UPGR PI 1.2 - Lifecycle - 2.5K Device Lic	CON-SAU-PI12L25K	1	New
3	WCS 7.0 to Cisco Prime Infrastructure 1.2 Migration	R-W-PI12-M-K9	1	New
4	Prime Infrastructure 1.2 - Lifecycle - 1K Device Lic PAK	L-PI12-LF-1K-LIC	1	New

5	Prime Infrastructure LMS 4.2 - 1K Device Upgrade Lic	L-PILMS42-1K-M	1	New
6	Prime Infrastructure 1.2 Base License and Software	R-PI12-BASE-K9	1	New
7	SW APP SUPP + UPGR PI 1.2 - Lifecycle - 1K Device Lic	CON-SAU-PI12LF1K	1	New
8	WCS to Prime Infrastructure 1.2 Migration 1K Device	L-W-PI12-1K-M	1	New

3b. This requirement is for the purchase of brand name Cisco hardware, software licenses and maintenance support identified in the attached (A, B, C, D, E) spreadsheets. This equipment will be used to support a technical refresh for 40/each existing telephone systems and movement to the VoIP phone system in the agency migration to a centrally managed phone system to be located at DeCA headquarters. The migration effort covers 20 stores annually.

4. **IDENTIFICATION OF STATUTORY AUTHORITY:** 10 U.S.C. 2304(c)(1) as implemented by FAR 6.302-1(c). Application of brand name descriptions.

5. IDENTIFICATION OF JUSTIFICATION RATIONALE:

5a. This is a Brand Name requirement for Cisco hardware, software licenses and their maintenance support at multiple DeCA commissary locations. This equipment will be used for the wireless infrastructure and the WCS to Prime infrastructure at CONUS and OCONUS commissaries to meet current Department of Defense (DoD) standards concerning network security, and to meet Defense Information Systems Agency (DISA) Security and Technical Implementation Guides.

Cisco wireless infrastructure hardware represents one of the few solutions available to support the amount of user requirements at the Commissaries. Market Research indicates that options available under other brands are designed for sites requiring much larger system capacities, to support user bases that are much larger than at individual Commissaries which would result in an inefficient purchase of more capacity than necessary and a waste of taxpayer dollars.

The required equipment for each site must have received Information Assurance (IA) accreditation in accordance with DOD Instruction Guide (DODI) 8100.3. The designated Cisco components meet this accreditation. The Cisco networking equipment to be used for the multiple locations will provide connectivity to DeCA data systems and applications. Cisco routers and switches are emerging as a standard for DeCA and its Local Area Network (LAN), Wide Area Network (WAN) and Wireless Local Area Network (WLAN) are built around this technology. Cisco data configurations are present at the Commissaries requiring new voice communications systems. Cisco networking systems are centrally managed from DeCA HQ by Cisco Works and Cisco Wireless Control System.

Cisco brand name parts are proprietary products that function in a networked environment where every piece must be compatible. Cisco-branded parts are the only solution for complete compatibility, and there are no equivalent substitutions in the marketplace. Additionally, to obtain annual renewal maintenance support of this hardware and software, the trademarked Cisco SmartNet support criteria requires that the product being supported be from the original equipment manufacturer (OEM). The OEM covers only Cisco branded equipment. The Cisco equipment being procured for multiple DeCA locations will be an extension to the client's existing network configuration at the Fort Lee Headquarters (HQ). The same Cisco proprietary parts are necessary to be compatible with the other Cisco equipment already installed at DeCA HQ and to avoid malfunction or delay. In addition, Cisco provides required quality of service (QOS) options not available from other

vendor solutions, thus Cisco parts must be used. QOS allows DeCA to control what data has priority over other data during transmission. QOS is an integral part of DeCA's VoIP solution.

Award of another brand would lead to duplication of centrally managed systems (Cisco Works and Cisco Wireless Control System equivalents), training costs, additional costs, and a significantly increased risk of task performance failure. DeCA's voice and data network integrates with the DISA network and supports critical communications essential in the operation of support programs for the Warfighter.

DeCA has made a major investment in Cisco products as part of the core infrastructure. Deviation from the Cisco brand degrades standardization and increases the risk of incompatibility and creates functionality issues with existing equipment.

5b. This is a brand name requirement for Cisco hardware, software licenses and maintenance support for migration to VoIP configurations at 20/each DeCA commissary locations annually. Cisco networking equipment is required to meet current DoD standards concerning networking security and to meet DISA Security and Technical Implementation Guides.

The telephone systems required must comply with Public Law 107-314, and the Chairman of the Joint Chiefs of Staff Instructions (CJCSI) 6215.01B covering Private Branch Exchange (PBX) one (1) certification for connecting to the Defense Switch Network (DSN telephone network). The equipment proposed has been approved by the Joint Interoperability Test Center (JITC). Information on JITC-approved equipment is available at <http://JITC.fhu.disa.mil>. Cisco networking equipment and software represent one of the few JITC-certified "PBX one" solutions available to support DoD activities and DeCA's user requirements at commissaries.

The required equipment for each site must have received Information Assurance (IA) accreditation in accordance with (IAW) DODI 8100.3. The designated Cisco components identified in this justification meet this accreditation. In addition, the latest TIC and JITC approved version of code for Assured Services Voice Application Local Area Networking (ASVALAN) must be implemented. Code available from the designated Cisco configuration meets these requirements. The Cisco networking equipment being procured will be used for multiple commissary locations providing connectivity to DeCA voice and data systems and applications. Cisco routers and switches are emerging as a standard for DeCA VoIP requirements, and DeCA networks are built around this technology. The Cisco networking equipment requested allows for the execution of the integration of voice and data communications encouraged by the JITC approval process. Cisco data configurations are currently present at the commissaries requiring new voice communications systems.

Cisco brand name parts are proprietary products that function in a networked environment where every piece must be compatible to ensure functionality and optimization. Cisco-branded parts are the only solution for complete compatibility and there are no known equivalent substitutions in the marketplace. The Cisco equipment to be procured for multiple DeCA locations will be an extension to the client's existing VoIP network configuration at Fort Lee HQ. The same Cisco proprietary parts are necessary to be compatible with existing Cisco equipment already installed at HQ and to avoid malfunction or delay. In addition, Cisco provides required quality of service (QOS) options not available from other vendor solutions, thus utilizing brand name Cisco parts is in the Government's best interest and provides the best value for tax dollars spent.

Award of another brand would lead to duplication of effort, additional costs, and a significantly increased risk of task performance failure. DeCA's voice and data network integrates with the DISA network and supports critical communications essential in the operation of support programs for the Warfighter.

6. FEDBIZOPPS ANNOUNCEMENT/POTENTIAL SOURCES: In accordance with FAR Part 5.202(a) 11 and 13(i), this requirement will be posted with the issuance of the solicitation on the respective contracting agency's website.

7. DETERMINATION OF FAIR AND REASONABLE COST: In accordance with FAR parts 8.404, 12.209, 13.106(2), and 14.408-2, I hereby determine that the anticipated cost or price to the Government for this contract action will be fair and reasonable. The price reasonableness memorandum detailing the Fair and Reasonable Price Determination will be included in the contract file documentation.

8. MARKET RESEARCH: In accordance with DoD guidance, market research indicates that Cisco brand products are available through existing enterprise support initiatives on both the Army CHES (CHES) and the Air Force NETCENTS2 contract vehicles and are also available through the NASA SEWP GWAC (SEWP). Market research pricing reveals that the prices offered on both CHES and NETCENTS2 are significantly higher than pricing offered through the SEWP IDIQ contract vehicles. SEWP resellers are able to offer deep discounts above their already established SEWP prices thus offering the Government an additional cost savings. Additionally, research indicates that there are numerous Cisco resellers that are capable of providing both their products and their support. DeCA has obtained competitive quotes through successfully soliciting and awarding delivery orders against SEWP IV contract vehicles.

9. ANY OTHER SUPPORTING FACTS: Out-year renewal maintenance support will be provided against an agency issued contract which consolidates all Cisco branded hardware, software and maintenance support under one contract umbrella to be issued at a future date.

10. ACTIONS TAKEN TO REMOVE BARRIERS TO COMPETITION: DeCA will continue to perform the necessary market research in accordance with the DOD's established market research guidebook for its information technology telecommunications requirements; however, DoD policy has established that for this type of commodity, unless the product(s) are JITC approved (VOIP system only), competition is limited at best. While this requirement is limited to companies that are able to provide brand name Cisco hardware and software and their maintenance support, market research analysis supports that numerous resellers to include a number of small businesses are available through varying contractual vehicles that have the capability to fulfill this requirement; therefore, there is a high expectation that the agency will receive adequate competition for this requirement.

11. LISTING OF INTERESTED SOURCES: DeCA has identified numerous resellers available through the SEWP venue that have the capability of fulfilling this requirement. There are both large and small business resellers available; however, based on the publication of the Small Business Administration's September 2013 waiver listing, the NAICS code applicable for this requirement has been identified as an authorized set-aside for small business concerns. Based on that publication, DeCA will issue and award a competitive delivery order as a 100% small business set-aside.

12. TECHNICAL CERTIFICATION: "I certify that the supporting data under my cognizance which are included in the J&A are accurate and complete to the best of my knowledge and belief."

NAME: Duane Woodfin

SIGNATURE: 

TITLE: Program Manager

DATE: 2/18/2014

NAME: Joe Amabile

SIGNATURE: 

TITLE: Program Manager

DATE: 2/18/2014

CONTRACTING OFFICER CERTIFICATION: "I have reviewed this justification and find it to be accurate and complete to the best of my knowledge and belief."

NAME: Rita W. Jackson

SIGNATURE: 

TITLE: Chief, IT Procurement Branch
Contracting Officer

DATE: February 18, 2014

PROCURING ACTIVITY COMPETITION ADVOCATE APPROVAL "I have reviewed this justification and find it to be accurate and complete to the best of my knowledge and belief. Since this justification does not exceed \$12.5M and pursuant to the authority of 10 U.S.C. 2304(c)(1) provided that funds are available or will be made available and provided that the services and/or supplies herein described have otherwise been authorized for acquisition, this review serves as approval."

NAME: Melissa Rios

SIGNATURE: 

TITLE: Competition Advocate

DATE: 2/19/14

ALL QUESTIONS REGARDING THIS JUSTIFICATION AND APPROVAL ARE TO BE REFERRED TO THE CONTRACTING OFFICER:
MS. RITA W. JACKSON 804-734-8000 X48199.

Cisco 2911 Router Attachment A

Line Number	Description	Part Number	Quantity	Type
1	2911 Voice Bundle w/PVDM3-16 FL-CME-SRST-25 UC Lic FL-CUBE10	C2911-CME-SRST/K9	5	New
2	Insert Packout - PI-MSE	PI-MSE-PRMO-INSRT	5	New
3	IP Base License for Cisco 2901-2951	SL-29-IPB-K9	5	New
4	Unified Communication License for Cisco 2901-2951	SL-29-UC-K9	5	New
5	"3rd generation four port FXS DID voice interface daughtercard on Slot 0 SubSlot 0", DESCR: "3rd generation four port FXS DID voice interface daughtercard"	VIC3-4FXS/DID	15	New
6	Cisco Config Pro Express on Router Flash	ISR-CCP-EXP	5	New
7	512MB DRAM for Cisco 2901-2921 ISR (Default)	DEF	5	New
8	256MB Compact Flash for Cisco 1900 2900 3900 ISR	MEM-CF-256MB	5	New
9	Cisco 2901-2921 IOS UNIVERSAL	S29UK9-15104M	5	New
10	Cisco Communications Manager Express License	FL-CME	5	New
11	AC Power Cord (North America) C13 NEMA 5-15P 2.1m	FL-CME-SRST-25	5	New
12	High density voice/fax extension module - 8 FXS/DID	EVM-HD-8FXS/DID	5	New
13	8-port voice/fax expansion module - FXS	EM3-HDA-8FXS/DID	5	New
14	6-port voice/fax expansion module - FXO	EM-HDA-6FXO	5	New
15	2-Port 3rd Gen Multiflex Trunk Voice/WAN Int. Card - T1/E1	VWIC3-2MFT-T1/E1	5	New
16	Internal Services Module (ISM) with Services Ready Engine	ISM-SRE-300-K9	5	New
17	Cisco Unity Express Release 8.6	SCUE-ISM-8.6-K9	5	New
18	Cisco Unity Express - North American English	CUE-LANG-ENU	5	New
19	Unity Express License - 5 Mailbox - CUCM and CUCME	FL-CUE-MBX-5	25	New
20	Unity Express License - Non Re-hostable - 2 Port	FL-CUE-NR-PORT-2	5	New
21	64-channel high-density voice and video DSP module	PVDM3-64	10	New
22	PVDM3 16-channel to 128-channel factory upgrade	PVDM3-16U128	10	New
23	Network Module Adapter for SM Slot on Cisco 2900 3900 ISR	SM-NM-ADPTR	5	New
24	Cisco 2911 AC Power Supply	PWR-2911-AC	10	New
25	AC Power Cord (North America) C13 NEMA 5-15P 2.1m	CAB-AC	10	New
26	Communication Manager Express or SRST - 25 seat license	FL-CME-SRST-25	5	New
27	Unified Border Element Enterprise License - 5 sessions	FL-CUBEE-5	10	New
Support				
28	SW APP SUPP + UPGR 2911 Voice Bundle w/ UC License PAK	CON-SAU-2911CMST	5	New
29	SW APP SUPP + UPGR Internal Services Module (ISM) with SRE	CON-SAU-ISRE300	5	New

J&A Control # - HQC007-14-12

Cisco 2921 Routers Attachment B

LineNumber	Description	Item Name	Quantity	Type
Hardware				
1	2921 Voice Bundle w/PVDM3-16 FL-CME-SRST-25 UC Lic FL-CUBE10	C2921-CME-SRST/K9	5	New
2	Insert Packout - PI-MSE	PI-MSE-PRMO-INSRT	5	New
3	IP Base License for Cisco 2901-2951	SL-29-IPB-K9	5	New
4	Unified Communication License for Cisco 2901-2951	SL-29-UC-K9	5	New
5	"3rd generation four port FXS DID voice interface daughtercard on Slot 0 SubSlot 0", DESCR: "3rd generation four port FXS DID voice interface daughtercard"	VIC3-4FXS/DID	15	New
6	Cisco Config Pro Express on Router Flash	ISR-CCP-EXP	5	New
7	512MB DRAM for Cisco 2901-2921 ISR (Default)	MEM-2900-512MB-DEF	5	New
8	256MB Compact Flash for Cisco 1900 2900 3900 ISR	MEM-CF-256MB	5	New
9	Cisco 2901-2921 IOS UNIVERSAL	S29UK9-15104M	5	New
10	Cisco Communications Manager Express License	FL-CME	5	New
11	Communication Manager Express or SRST - 25 seat license	FL-CME-SRST-25	5	New
12	High density voice/fax extension module - 8 FXS/DID	EVM-HD-8FXS/DID	5	New
13	8-port voice/fax expansion module - FXS	EM3-HDA-8FXS/DID	5	New
14	6-port voice/fax expansion module - FXO	EM-HDA-6FXO	5	New
15	2-Port 3rd Gen Multiflex Trunk Voice/WAN Int. Card - T1/E1	VWIC3-2MFT-T1/E1	5	New
16	Internal Services Module (ISM) with Services Ready Engine	ISM-SRE-300-K9	5	New
17	Cisco Unity Express Release 8.6	SCUE-ISM-8.6-K9	5	New
18	Cisco Unity Express - North American English	CUE-LANG-ENU	5	New
19	Unity Express License - 5 Mailbox - CUCM and CUCME	FL-CUE-MBX-5	25	New
20	Unity Express License - Non Re-hostable - 2 Port	FL-CUE-NR-PORT-2	5	New
21	64-channel high-density voice and video DSP module	PVDM3-64	10	New
22	PVDM3 16-channel to 128-channel factory upgrade	PVDM3-16U128	10	New
23	Network Module Adapter for SM Slot on Cisco 2900 3900 ISR	SM-NM-ADPTR	5	New
24	Cisco 2911 AC Power Supply	PWR-2911-AC	10	New
25	AC Power Cord (North America) C13 NEMA 5-15P 2.1m	CAB-AC	10	New
26	Communication Manager Express or SRST - 25 seat license	FL-CME-SRST-25	5	New
27	Unified Border Element Enterprise License - 5 sessions	FL-CUBEE-5	10	New
Support				
28	SW APP SUPP + UPGR 2921 Voice Bundle w/ UC License PAK	CON-SAU-2921CMST	5	New
29	SW APP SUPP + UPGR Internal Services Module (ISM) with SRE	CON-SAU-ISRE300	5	New

Cisco 2951 Routers Attachment C

LineNumber	Description	Item Name	Quantity	Type
Hardware				
1	2951 Voice Bundle w/PVDM3-16 FL-CME-SRST-25 UC Lic FL-CUBE10	C2951-CME-SRST/K9	9	New
2	Insert Packout - PI-MSE	PI-MSE-PRMO-INSRT	9	New
3	IP Base License for Cisco 2901-2951	SL-29-IPB-K9	9	New
4	Unified Communication License for Cisco 2901-2951	SL-29-UC-K9	9	New
5	"3rd generation four port FXS DID voice interface daughtercard on Slot 0 SubSlot 0", DESCR: "3rd generation four port FXS DID voice interface daughtercard"	VIC3-4FXS/DID	27	New
6	Cisco Config Pro Express on Router Flash	ISR-CCP-EXP	9	New
7	512MB DRAM for Cisco 2921-2951 ISR (Default)	MEM-2900-512MB-DEF	9	New
8	512MB Compact Flash for Cisco 1900 2900 3900 ISR	MEM-CF-512MB	9	New
9	Cisco 2921-2951 IOS UNIVERSAL	S29UK9-15104M	9	New
10	Cisco Communications Manager Express License	FL-CME	9	New
11	Communication Manager Express or SRST - 25 seat license	FL-CME-SRST-25	9	New
12	High density voice/fax extension module - 8 FXS/DID	EVM-HD-8FXS/DID	18	New
13	8-port voice/fax expansion module - FXS	EM3-HDA-8FXS/DID	18	New
14	6-port voice/fax expansion module - FXO	EM-HDA-6FXO	18	New
15	1-Port 3rd Gen Multiflex Trunk Voice/WAN Int. Card - T1/E1	VWIC3-1MFT-T1/E1	9	New
16	Internal Services Module (ISM) with Services Ready Engine	ISM-SRE-300-K9	9	New
17	Cisco Unity Express Release 8.6	SCUE-ISM-8.6-K9	9	New
18	Cisco Unity Express - North American English	CUE-LANG-ENU	9	New
19	Unity Express License - 5 Mailbox - CUCM and CUCME	FL-CUE-MBX-5	45	New
20	Unity Express License - Non Re-hostable - 2 Port	FL-CUE-NR-PORT-2	9	New
21	128-channel high-density voice and video DSP module	PVDM3-128	27	New
22	PVDM3 16-channel to 128-channel factory upgrade	PVDM3-16U128	27	New
23	Network Module Adapter for SM Slot on Cisco 2900 3900 ISR	SM-NM-ADPTR	18	New
24	Cisco 2951 AC Power Supply	PWR-2921-51-AC	18	New
25	AC Power Cord (North America) C13 NEMA 5-15P 2.1m	CAB-AC	18	New
26	Communication Manager Express or SRST - 25 seat license	FL-CME-SRST-25	9	New
27	Unified Border Element Enterprise License - 5 sessions	FL-CUBEE-5	18	New
Support				
28	SW APP SUPP + UPGR 2951 Voice Bundle w/ UC License PAK	CON-SAU-2951CMST	9	New
29	SW APP SUPP + UPGR Internal Services Module (ISM) with SRE	CON-SAU-ISRE300	9	New

Cisco 3945 Routers Attachment D

LineNumber	Description	Item Name	Quantity	Type
Hardware				
1	CISCO3945-CHASSIS	CISCO3945-CHASSIS	1	New
2	CUBE25	C3945-CME-SRST/K9	1	New
3	Insert Packout - PI-MSE	PI-MSE-PRMO-INSRT	1	New
4	IP Base License for Cisco 3900	SL-39-IPB-K9	1	New
5	Unified Communication License for Cisco 3900	SL-39-UC-K9	1	New
6	"3rd generation four port FXS DID voice interface daughtercard on Slot 0 SubSlot 0", DESCR: "3rd generation four port FXS DID voice interface daughtercard"	VIC3-4FXS/DID	3	New
7	Cisco Config Pro Express on Router Flash	ISR-CCP-EXP	1	New
8	512MB DRAM for Cisco 3900 ISR (Default)	MEM-3900-512MB-DEF	1	New
9	512MB Compact Flash for Cisco 1900 2900 3900 ISR	MEM-CF-512MB	1	New
10	Cisco 3900 IOS UNIVERSAL	S39UK9-15104M	1	New
11	Cisco Communications Manager Express License	FL-CME	1	New
12	Communication Manager Express or SRST - 25 seat license	FL-CME-SRST-25	1	New
13	High density voice/fax extension module - 8 FXS/DID	EVM-HD-8FXS/DID	4	New
14	8-port voice/fax expansion module - FXS	EM3-HDA-8FXS/DID	4	New
15	6-port voice/fax expansion module - FXO	EM-HDA-6FXO	4	New
16	1-Port 3rd Gen Multiflex Trunk Voice/WAN Int. Card - T1/E1	VWIC3-1MFT-T1/E1	1	New
17	Internal Services Module (ISM) with Services Ready Engine	ISM-SRE-300-K9	1	New
18	Cisco Unity Express Release 8.6	SCUE-ISM-8.6-K9	1	New
19	Cisco Unity Express - North American English	CUE-LANG-ENU	1	New
20	Unity Express License - 5 Mailbox - CUCM and CUCME	FL-CUE-MBX-5	5	New
21	Unity Express License - Non Re-hostable - 2 Port	FL-CUE-NR-PORT-2	1	New
22	128-channel high-density voice and video DSP module	PVDM3-128	3	New
23	PVDM3 16-channel to 128-channel factory upgrade	PVDM3-16U128	3	New
24	Network Module Adapter for SM Slot on Cisco 2900 3900 ISR	SM-NM-ADPTR	4	New
25	Cisco 3900 AC Power Supply	PWR-3900-AC	2	New
26	AC Power Cord (North America) C13 NEMA 5-15P 2.1m	CAB-AC	2	New
27	Communication Manager Express or SRST - 25 seat license	FL-CME-SRST-25	1	New
28	Unified Border Element Enterprise License - 5 sessions	FL-CUBEE-5	2	New
Support				
29	SW APP SUPP + UPGR 3945 Voice Bundle w/ UC License PAK	CON-SAU-3945 CMST	1	New
30	SW APP SUPP + UPGR Internal Services Module (ISM) with SRE	CON-SAU-ISRE300	1	New

J&A Control # - HQC007-14-12

Cisco Hardware Equipment Attachment E

LineNumber	Description	Item Name	Quantity	Type
Hardware				
1	CISCO-7942 Telephone	CP-7942G	360	New
2	CISCO-7962 Telephone	CP-7962G	0	New
3	CISCO-7915 Expansion Module	CP-7915	10	New
4	CP-SINGLE-FOOTSTAND	CP-SINGLFOOTSTAND	18	New
5	CP-DOUBLE-FOOTSTAND	CP-DOUBLFOOTSTAND	10	New
6	CP-PWR-CUBE-3	CP-PWR-CUBE-3	70	New
7	CP-PWR-CORD	CP-PWR-CORD	62	New
8	PVDM3 16-channel to 128-channel factory upgrade	PVDM3-16U128	20	New
9	16-channel high-density voice and video DSP module	PVDM3-16	0	New
10	32-channel high-density voice and video DSP module	PVDM3-32	6	New
11	64-channel high-density voice and video DSP module	PVDM3-64	20	New
12	128-channel high-density voice and video DSP module	PVDM3-128	6	New
13	512MB Compact Flash for Cisco 1900 2900 3900 ISR	MEM-CF-512MB	20	New