

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE J	PAGE OF PAGES 1 5
2. AMENDMENT/MODIFICATION NO. P00047	3. EFFECTIVE DATE See Block 16C.	4. REQUISITION/PURCHASE REQ. NO. N/A		5. PROJECT NO. (if applicable) AIT-II
6. ISSUED BY US Army CECOM Acquisition Center- Washington ATTN: AMSEL-AC-WA-C (N. Tullis) (703) 325-3348 2461 Eisenhower Avenue Alexandria, Virginia 22331-0700 Fax: (703) 325-3351 e-mail: nancy.tullis@cacw.army.mil		7. ADMINISTERED BY (if other than Item 6) DCMC Long Island 605 Stewart Ave. Garden City, NY 11530-476		
8. NAME AND ADDRESS OF CONTRACTOR  Symbol Technologies Inc. One Symbol Plaza, MS-A39 Holtsville, New York 11742-1300  Margaret Fagan, Fax: (631) 738-4611		9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDER NO. DAAB15-99-D-0015 10B. DATED (SEE ITEM 13) 13 July 1999		
CODE 64928	FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is  extended,  is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_ copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.212-4 (c) Changes and Part C-1-1(h) Current Technology Substitutions/Additions/Insertions

E. IMPORTANT: Contractor \_\_\_ is not, **X** is required to sign this document and return \_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

See Pages 2 through 5.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) MARGARET E. FAGAN, Contract Manager, (631) 738-5945 Symbol Technologies, Inc. email: fagan@symbol.com	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) GLORIA J. MCGEE, Contracting Officer (703) 325-2927 e-mail: gloria.mcgee@cacw.army.mil
15B. CONTRACTOR/OFFEROR  <i>Margaret E. Fagan</i> (Signature of person authorized to sign)	15C. DATE SIGNED 1-4-02
16B. UNITED STATES OF AMERICA BY <i>Gloria J. McGee</i> (Signature of Contracting Officer)	16C. DATE SIGNED 8 Jan 2002

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Prescribed by GSA  
FAR (48 CFR) 53.24

A. The purpose of this modification is to:

1. Incorporate Symbol Technologies Inc.'s Contract Change Proposal 0051 (CCP-0051) to add the Spectrum24, High Rate, Direct Sequence, Access Point (2.45 GHz) and its associated peripherals as a new Wireless LAN, RF data communication device.

2. Incorporate Symbol Technologies Inc.'s Contract Change Proposal 0056 (CCP-0056) to add the Spectrum 24, High Rate, Direct Sequence, Wireless LAN PC Card (2.45 GHz) and its associated software drivers as a new Wireless LAN, RF data communication device.

3. Incorporate Symbol Technologies Inc.'s Contract Change Proposal 0058 (CCP-0058) to add the new PPT2846 Pocket PC, PDCT-C1GAX and its associated peripherals as a new Palm-Sized, 1D, programmable, RF, portable data collection tool.

B. Section B, Supplies/Services, is hereby modified as follows:

1. The following purchase SLINs are added in accordance with the below:

	<b>NOTE: The CLINs are divided into ten series. The 0XXX series represents the Base Year CLINs. Series 1XXX represents Option Year 1 CLINs. Series 2XXX through 9XXX represent Option Years 2 through 9 CLINs, respectively. Shaded areas denote contract periods in which the CLIN/SLIN may not be ordered. See Note 2. on Page 1 of this Part and Part C-1-1(e) for ordering periods.</b>	QTY	Unit	Option Year 2 2XXX	Option Year 3 3XXX	Option Year 4 4XXX
X001QP	PPT2846 Class PDCT-C1GAX Spectrum24 (2.45 Gigahertz), Direct Sequence, High Rate, 11Mbps, Portable, Palm-Sized, Pocket PC, Ruggedized Programmable PDCT with (2) Batteries, 32MB RAM Memory, 32 MB Flash Memory, Pop-up (Virtual) Keyboard, ¼ VGA Resolution Screen with 320 X 240 resolution, and integrated SE900 1D Linear Scan Engine, carry case, printer cable, Quick Reference Guide. SYMBOL PPT2846-ZRIY0YEU, (2) 21-52319-01, 25-38374-02, 72-39059-02. <b>FOR USE IN CONUS ONLY</b>  (Note: MS ActiveSynch 3.1 is required for synchronization to the desktop and may be downloaded free of charge from Microsoft's web site at <a href="http://www.microsoft.com/pocketpc/downloads/activesync.asp">www.microsoft.com/pocketpc/downloads/activesync.asp</a> )  (Note: The latest PPT2846 Software Development Kit (SDK), software drivers, firmware & product documentation may be downloaded free of charge at the following Symbol Technologies website: <a href="http://software.symbol.com/devzone/index.cfm">http://software.symbol.com/devzone/index.cfm</a> . No application generation development software is currently available on the contract.)	1	EA	1253	1253	1253
X007AB	Wireless LAN PC Card (2.45 Gigahertz), Spectrum24, High Rate, Direct Sequence, 11 Mbps, with integrated end-cap Antenna. The latest software drivers, firmware & product documentation may be downloaded free of charge at the following website: <a href="http://software.symbol.com/devzone/index.cfm">http://software.symbol.com/devzone/index.cfm</a> . SYMBOL LA-4121-1020-US.	1	EA	214	214	214
X007BA	Spectrum24 Access Point, High Rate; Direct Sequence, 11mbps (2.45 Gigahertz) with Power supply, line cord, (2) antenna assemblies, and documentation. RJ45-RJ45 Communication Cable. SYMBOL AP-4121-1151-US, 50-24000-024, 23844-00-00, ML-2499-APA1-00, 58-40000-022, 61383-00-00	1	EA	750	750	750

2. The following maintenance SLINs are added in accordance with the below:

<b>NOTE: The CLINs are divided into ten series. The 0XXX series represents the Base Year CLINs. Series 1XXX represents Option Year 1 CLINs. Series 2XXX through 9XXX represent Option Years 2 through 9 CLINs, respectively. Shaded areas denote contract periods in which the CLIN/SLIN may not be ordered. See Note 2. on Page 1 of this Part and Part C-1-1(e) for ordering periods.</b>		<b>QTY</b>	<b>Unit</b>	<b>Option Year 5 5XXX</b>	<b>Option Year 6 6XXX</b>	<b>Option Year 7 7XXX</b>	<b>Option Year 8 8XXX</b>	<b>Option Year 9 9XXX</b>
	PDCT-C1AX, (2.45 Gigahertz), 1D, 11mbps							
X028QN	CONUS - Mail-in/Carry-in	1	EA	110	115	120	124	129
X028QP	CONUS - Mail-in/Carry-in	1	MO	5	5	6	6	7
	RF Access Point, Spectrum24, High rate, Direct Sequence							
X040AA	CONUS - Mail-in/Carry-in	1	EA	72	85	100	118	137
X040AB	CONUS - Mail-in/Carry-in	1	MO	2	3	3	3	3
X040AC	OCONUS - Mail-in/Carry-in	1	EA	72	85	100	118	137
X040AD	OCONUS - Mail-in/Carry-in	1	MO	2	3	3	3	3
X040AE	CONUS - Per Incident	1	EA	210	240	270	300	330
X040AF	CONUS - On-Call	1	MO	4	5	5	5	5
X040AG	OCONUS - Per Incident	1	EA	210	240	270	300	330
X040AH	OCONUS - On-Call	1	MO	4	5	5	5	5

C. Section D-1, Statement of Work and Specifications, is hereby modified as follows:

1. Paragraphs 4.4.2.2, 4.4.2.3 and 4.4.2.3.1 have been added as follows:

4.4.2.2 (Reserved)

4.4.2.3 PDCT-C1GAX (2.4 to 2.5 GHz) RF PDCT, High Rate, Direct Sequence, With Integral 1D Scanner.

The Contractor shall provide a ruggedized, programmable PDCT with an integral 1D bar code scanner. The integral 1D bar code scanner of the PDCT-C1GAX shall scan low to high density linear bar codes listed in the paragraph entitled "Bar Code Symbolologies". The PDCT-C1GAX shall incorporate 2.4 to 2.5 GHz (IEEE 802.11b conformant) spread spectrum RF communications as in integral feature, or by use of a PC Card device.

4.4.2.3.1 Separately Orderable Components.

The Contractor shall provide the following Separately Orderable Components for the PDCT-C1GAX:

- a. Keyboard (if not integral to the PDCT);
- b. AC Adapter;
- c. Communication Docking Station/Battery Charger;
- d. PDCT Carrying Case;
- e. PDCT Holster, Right-handed, with adjustable straps or clips for belt attachment;
- f. PDCT Holster, Left-handed, with adjustable straps or clips for belt attachment;
- g. Shoulder Strap to fit PDCT Holster or Carrying Case;
- h. Multiple Battery Charger;
- i. Rechargeable Battery;

j. Memory Upgrade to 32 Mbytes RAM, unless the basic PDCT-C1GAX is provided with 32 Mbytes RAM.

2. Paragraphs 4.10.1.1, 4.10.2 and 4.10.3 have been changed as follows (**changes shown in bold face**) to read as:

#### 4.10.1.1 Technical Requirements.

The Contractor shall provide spread spectrum RFDC configurations for 2.4 to 2.5 GHz (IEEE 802.11 **and 802.11b** conformant) frequency bands. The Contractor shall provide components with field-selectable/adjustable frequency bands. The Government desires Application Programming Interfaces that facilitate the development of application programs capable of operation with both RFDC frequency configurations. Components operating in the 2.4 to 2.5 GHz band broadcasting 100 milliwatts of power shall have an operating range of at least 500 feet in open unrestricted environments. Since the allowable power and frequency bands of 2.4 to 2.5 GHz configurations varies from country to country, the Contractor shall provide the maximum allowable power, and frequency band consistent with the country stated on the Delivery Order or Credit Card Order. These components shall comply with requirements of FCC Part 15, Subparts A, B, and C for Class A digital devices. In order to certify the use of AIT II equipment in these environments, the Government may subject representative categories of equipment to radiated emission and susceptibility tests (See MIL-STD 461D: Requirements for the Control of Electromagnetic Interference Emissions and Susceptibility, and MIL-STD-462D: Measurement of Electromagnetic Interference Characteristics). Those components operating in the 2.4 to 2.5GHz (IEEE 802.11 **and 802.11b** conformant) band shall maximize net throughput and conform with IEEE 802.11 **and 802.11b**, Wireless Local Area Networks (WLANs), and support TCP/IP addressing. The 2.4 to 2.5GHz (IEEE 802.11 **and 802.11b** conformant) wireless communications shall be interoperable with components provided by at least one other manufacturer of 2.4 to 2.5GHz (IEEE 802.11 **and 802.11b** conformant) wireless communications.

#### 4.10.2 Wireless LAN Adapter (2.4 to 2.5 GHz).

The Contractor shall provide a PC Card, 2.4 to 2.5 GHz (IEEE 802.11 **and 802.11b** conformant) wireless LAN adapter and software drivers that enable a notebook computer running Windows NT®, and the B and C classes of PDCTs without integral wireless LAN communications, to transmit and receive 2.4 to 2.5 GHz wireless transactions with TCP/IP addressing. The wireless LAN adapter shall support peer-to-peer communications.

#### 4.10.3 RF Access Points.

RF access points are small transceivers that are wired into network configurations (combined transceiver, controller, and bridge between wireless and wired communication). These access points permit two-way communications between mobile RF data collection terminals, and a PC or LAN. The Contractor shall provide RF access points that support 2.4 to 2.5 GHz (IEEE 802.11 **and 802.11b** conformant) spread spectrum communications. The RF access points shall have a direct interface for communicating with a host computer. The 2.4 to 2.5 GHz access point shall be provided with an IEEE 802.3/Ethernet interface card with a 10BaseT connector and shall

implement TCP/IP addressing and shall support Simple Network Management Protocol, and Management Information Base (MIB) I and MIB II reporting. This configuration shall support communications and control of 64 RF terminals and maintain transaction connections with the host computer in the event that wireless terminals are out of range of the RF access points.

D. Symbol shall, in a future CCP(s), provide the Network Management Software, Transaction Management Software, Application Generation Development Software, RF Range Extender, RF Gateway, RF Modem/Client Bridge as well as any other necessary items in order to make the contract IEEE 802.11b devices fully operational in accordance with Specification paragraph 3.10.

E The following Contract sections are replaced in their entirety:

Part B-2.

Part D-1.

Changes in Microsoft Excel are denoted by a bar ( | ) in the right.

Changes in Microsoft Word are implemented using the highlight (but not strikethrough) technique as follows:

Under Tools, Options, Track Changes Tab:

Inserted text; Mark: Underline, Color: Auto

Changed lines; Mark: Right border, Color: Auto

F. As a result of this modification, there is no change in the total amount obligated under the contract.