

2. Amendment/Modification No. 04	3. Effective Date 2001APR26	4. Requisition/Purchase Req No. SEE SCHEDULE	5. Project No. (If applicable)
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6. Issued By TACOM-ROCK ISLAND AMSTA-LC-CAC-C ROCK WOODSTOCK (309)782-7237 ROCK ISLAND IL 61299-7630  EMAIL: WOODSTOCKR@RIA.ARMY.MIL	Code W52H09	7. Administered By (If other than Item 6) DCMC BIRMINGHAM BURGER PHILLIPS CENTER 1910 3RD AVE NORTH ROOM 201 BIRMINGHAM AL 35203-2376	Code S0101A
		SCD A PAS NONE ADP PT HQ0338	

8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)  PEI ELECTRONICS INC 110 WYNN DRIVE HUNTSVILLE AL 35807-0929  TYPE BUSINESS: Other Small Business Performing in U.S.	<input type="checkbox"/>	9A. Amendment Of Solicitation No.
	<input type="checkbox"/>	9B. Dated (See Item 11)
	<input checked="" type="checkbox"/>	10A. Modification Of Contract/Order No. DAAE20-98-G-0004/0030
	<input type="checkbox"/>	10B. Dated (See Item 13) 2000SEP25
Code 24290 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 \_\_\_\_\_ copies of the amendments; (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 DATE 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 date specified.

12. Accounting And Appropriation Data (If required)  
SEE SECTION G FMS REQUIREMENT

**13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS**

It Modifies The Contract/Order No. As Described In Item 14.

<input type="checkbox"/>	A. This Change Order is Issued Pursuant To: The Contract/Order No. In Item 10A.	The Changes Set Forth In Item 14 Are Made In
<input type="checkbox"/>	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).	
<input checked="" type="checkbox"/>	C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of:	
<input type="checkbox"/>	D. Other (Specify type of modification and authority)	

E. IMPORTANT: Contractor  is not,  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 SECOND PAGE FOR DESCRIPTION

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)	16A. Name And Title Of Contracting Officer (Type or print) SUZANNE C. YACKLEY YACKLEYS@RIA.ARMY.MIL (309)782-1466		
15B. Contractor/Offeror  (Signature of person authorized to sign)	15C. Date Signed	16B. United States Of America  By _____ /SIGNED/ (Signature of Contracting Officer)	16C. Date Signed

**Name of Offeror or Contractor:** PEI ELECTRONICS INC

SECTION A - SUPPLEMENTAL INFORMATION

The purpose of this modification is to:

1. Establish CLIN 0007AA in this STS contract under the terms and conditions and period of performance negotiated on 25 January 2001. The task is identified as WBS 1.1.6 of PEI Electronics proposal J232 in accordance with Security Assistance case # SR-B-VSE

CLIN	NOMENCLATURE	COST	COM	FEE	CLIN TOTAL
0007AA	KINGDOM OF SAUDI ARABIA	\$21,174.43	\$27.49	\$1,884.53	\$23,086.45

2. Direct PEI Electronics Inc to ship the LRUs, provided as GFE in support the Bradley A3 IOT&E, identified in Attachment 002 of this Modification to the destinations specified in the list.

3. Establish CLINs 0017AA, 0017AB, & 0017AC to fund PEI Electronics Inc support of the BRADLEY 'Plug & Play' Embedded Diagnostics STS effort. Seperate CLIN funding reflects different funding sources and does not imply severable deliverable tasks. CLIN funding is reflected as follows:

CLIN	NOMENCLATURE	COST	COM	FEE	CLIN TOTAL
0017AA	BRADLEY EMBEDDED DIAGNOSTICS	\$2,299,756.08	\$5,984.92	\$225,259.00	\$2,531,000.00
0017AB	BRADLEY EMBEDDED DIAGNOSTICS	\$2,033,063.44	\$5,290.87	\$199,136.69	\$2,237,491.00
0017AC	BRADLEY EMBEDDED DIAGNOSTICS	\$ 87,687.85	\$ 228.20	\$ 8,588.95	\$ 96,505.00

The following Terms & Conditions define performance under CLINs 0017AA, 0017AB & 0017AC:

TERMS AND CONDITIONS  
FOR THE  
BRADLEY CM/ED PROGRAM

The following Terms and Conditions apply to the proposed contract line item under the Systems Technical Support contract for the development of a Digital Vehicle Distribution Box and its Test Program for the Bradley A3 and selected A20DS variants and a Common Electrical Distribution Box for the MLRS. These Terms and Conditions also apply to the Driver's Display Panel and Driver's Tactical Display.

1. Detailed deliverable documentation will be limited to Performance specifications, however, detailed manufacturing information can be made available to all IPT members, subject to reciprocal agreements. The guidelines to be used are as follows:

By direction from the PM, this program seeks to minimize the cost overhead associated with traditional documentation methods. PEI will prepare its normal documentation products, however, certain exceptions to our standard STS practices will be applied to this contract. PEI will utilize DOD-STD-00100D(AR) as a guide for the documentation products, with the following exceptions:

A: Performance specifications, ICDs, Software Source Code, and selected other products, as identified on the accompanying drawing tree, will be the only items that are deliverables for the contract.

B: Other documentation to support the manufacture and assembly of items covered by a Performance Specification may be prepared in the TACOM drawing format using numbers assigned through UDLP. However, such documentation will not be deliverable and will utilize the most expedient part number without seeking to generate SoCDs nor SCDs for the parts listing. Military numbers will be used if appropriate and available, but, the commercial/industrial part number will be adequate for this contract. This documentation will be suitable and available for use in a limited competitive procurement.

C: In general, drawings will be prepared using TACOM's cage code, with the understanding that PEI will not ERR these drawings nor will non-deliverable drawings be 'finished' and ready for submission. Deliverable documentation will be provided to the Government no later than 31 Dec 2001.

D: PEI shall make available documentation necessary for provisioning of spares.

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E: PEI will not modify nor re-document Non-Development Items (NDI) that are utilized and/or directed to be used on this program, regardless of who the actual manufacturer may be. The only documentation supplied will be the manufacturer's standard documentation.

2. The "new design" target for Environmental Specifications for circuit card assemblies will be -46 degrees centigrade to +85 degrees centigrade for operation when installed. The DVDB "new design" target operating range will be -46 degrees centigrade to +71 degrees centigrade, however, the high temperature operation at +71 degrees centigrade will not be "continuous" and will have a time/temperature profile. PM Bradley and PEI are working to find a profile satisfactory to the customer. The CEDB "new design" target operating range will be -32 degrees centigrade to +85 degrees centigrade with active cooling. The "new design" target Storage Temperature will be -51 degrees C to +71 degrees C. In all cases, the Non-Development Items that have been directed to be used for this program will only be required to meet their own design specifications. The Government PMs' are responsible for resolving any requirement differences for common use between vehicles and programs.

3. The bid includes 6 DVDB's with 2 complete card set spares kits, 6 CEDB's with 2 complete card set spares kits, 5 DDP's containing 5 DTD's with no spares kits.

4. Full capability Phase I implementation will include qualification of one (1) set of BFVS A3 equipment and one (1) set of MLRS M270A1 equipment interfaced to the UDLP/GDLS Replacement TEC hardware currently under development. A reduced diagnostic and maintenance capability exists when interfaced to the currently fielded TEC.

5. ESS Testing and road testing support as part of the other Block Mod Testing for 1 BFVS and 1 MLRS is bid and scheduled to occur following both qualification and delivery of documentation, as described in 1: above.

6. The estimate includes Purchased Services from proposed team members at the approximate burdened values of \$73,000 for CDC, \$790,000 for GDLS, and \$800,000 for UDLP. These are estimates and final amounts may vary following negotiations.

7. (T&C deleted in its entirety).

8. A fieldable DVDB (only) DSESTS TPS will be designed but no hardware sets will be delivered under this contract.

9. The System Segment Specifications, as of the date of contract negotiation, is accepted as the formal requirements document.

10. PEI will support the vehicle prime contractor by supplying inputs and LSA/TM source materials in accordance with the program's schedule.

4. As a result of this modification, the total value of this delivery order is increased by \$4,888,082.45 from \$5,825,935.00 to \$10,714,017.45

All other terms and conditions remain unchanged.

\*\*\* END OF NARRATIVE A 005 \*\*\*

CONTINUATION SHEET

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0007AA	<p>SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS</p> <p><u>SERVICES LINE ITEM</u></p> <p>NOUN: SYSTEMS TECH SPT FOR DSESTS                      SECURITY CLASS: Unclassified                      PRON: J518L023M1 PRON AMD: 01 ACRN: AE                      AMS CD: VSE005                      FMS CASE IDENTIFIER: SR VSE</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u>                      DLVR SCH PERF COMPL  <u>REL CD QUANTITY DATE</u>                      001 0 30-SEP-2002</p> <p style="text-align: right;">\$ 23,086.45</p>				\$ 23,086.45
0017AA	<p><u>SERVICES LINE ITEM</u></p> <p>NOUN: EMBEDDED DIAGNOSTICS                      SECURITY CLASS: Unclassified                      PRON: B003AD05D2 PRON AMD: 01 ACRN: AF                      AMS CD: 538006</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u>                      DLVR SCH PERF COMPL  <u>REL CD QUANTITY DATE</u>                      001 0 31-DEC-2002</p> <p style="text-align: right;">\$ 2,531,000.00</p>				\$ 2,531,000.00
0017AB	<p><u>SERVICES LINE ITEM</u></p> <p>NOUN: EMBEDDED DIAGNOSTICS                      SECURITY CLASS: Unclassified                      PRON: B013AD06D2 PRON AMD: 01 ACRN: AG                      AMS CD: 538006</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u>                      DLVR SCH PERF COMPL  <u>REL CD QUANTITY DATE</u>                      001 0 30-DEC-2002</p> <p style="text-align: right;">\$ 2,237,491.00</p>				\$ 2,237,491.00
0017AC	<p><u>SERVICES LINE ITEM</u></p>				\$ 96,505.00



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SECTION G - CONTRACT ADMINISTRATION DATA

LINE ITEM	PRON/ AMS CD	OBLG STAT/ ACRN JOB ORD NO	PRIOR AMOUNT	INCREASE/DECREASE AMOUNT	CUMULATIVE AMOUNT
0007AA	J518L023M1 VSE005	AE 1 1BRB49	\$ 0.00	\$ 23,086.45	\$ 23,086.45
0017AA	B003AD05D2 538006	AF 1 0B03AD	\$ 0.00	\$ 2,531,000.00	\$ 2,531,000.00
0017AB	B013AD06D2 538006	AG 1 1B03AD	\$ 0.00	\$ 2,237,491.00	\$ 2,237,491.00
0017AC	B013AD07D2 538006	AH 1 1B03AD	\$ 0.00	\$ 96,505.00	\$ 96,505.00
			NET CHANGE	\$ 4,888,082.45	

SERVICE NAME	NET CHANGE BY ACRN	ACCOUNTING CLASSIFICATION	ACCOUNTING STATION	INCREASE/DECREASE AMOUNT
Army	AE	9711 X8242SRO1X6V6V01VSE 00525GBSRS11116	W52H09	\$ 23,086.45
Army	AF	21 02035000006X6X18P53800625FB S01021	W31G3H	\$ 2,531,000.00
Army	AG	21 12035000016X6X18P53800625FB S01021	W31G3H	\$ 2,237,491.00
Army	AH	21 12035000016X6X18P538006252B S01021	W31G3H	\$ 96,505.00
NET CHANGE				\$ 4,888,082.45

	PRIOR AMOUNT OF AWARD	INCREASE/DECREASE AMOUNT	CUMULATIVE OBLIG AMT
NET CHANGE FOR AWARD:	\$ 5,825,935.00	\$ 4,888,082.45	\$ 10,714,017.45

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SECTION J - LIST OF ATTACHMENTS

<u>List of</u> <u>Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number</u> <u>of Pages</u>	<u>Transmitted By</u>
Attachment 002	LIST FOR DISTRIBUTION OF GFP LRUS PROVIDED FOR A3 IOT&E	06-APR-2001	006	DATA