

2. Amendment/Modification No. 26	3. Effective Date 2002AUG30	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-B 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) DCMA 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: Large 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

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

KIND MOD CODE: G

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: FAR 43.103(a)	
<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 2002AUG30

Name of Offeror or Contractor: PEI ELECTRONICS INC

SECTION A - SUPPLEMENTAL INFORMATION

1. This modification awards the 'STS YEAR THREE' option for Systems Technical Support (STS) for the Direct Support Electrical Systems Test Set (DSESTS) on a Cost Plus Fixed Fee Basis. In accordance with the cost and fee matrix used as the basis of the negotiated agreement reached on 22 September 2000, Contract Line Items (CLINs) and their associated fee are as follows:

STS YEAR THREE

CLIN	NOMENCLATURE	COST	COM	FEE	CLIN TOTAL
0001AF	ABRAMS Common	\$4,577,467	\$15,114	\$407,419	\$5,000,000

The following "STS YEAR THREE CLINs are not currently funded, however they may be funded at a later date:

CLIN	NOMENCLATURE	COST	COM	FEE	CLIN TOTAL
0003AA	State of Kuwait	\$36,680	\$110	\$3,264	\$40,054
0004AA	M1A1 USMC	\$134,786	\$487	\$11,996	\$147,269
0005AA	Egypt	\$49,054	\$43	\$4,364	\$53,461
0006AA	BRADLEY Common	\$2,122,923	\$6,776	\$188,956	\$2,318,655
0010AA	Loader Verifier	\$188,694	\$618	\$16,793	\$206,105

2. This modification also implements CLIN 0006AP BRADLEY TMDE IAW terms and conditions of the SOW detailed as follows in this modification. Line item detail is as follows:

CLIN	NOMENCLATURE	COST	COM	FEE	CLIN TOTAL
0006AP	STRIKER SENSOR UPGRADE	\$457,882	\$1,373	\$40,745	\$500,000

Statement Of Work
STRIKER Sensor Upgrade

Scope:

The scope of this task order is to determine the impacts to the current Striker DSESTS TPS (MPU, TSCP & PDU) which supports the AN/TAS-4 & G/VLLD as the sensor. New or modified Striker DSESTS TPS will need to be developed to support the Striker sensor upgrade (LRAS3/LDM). The new sensor itself will not require a DSESTS TPS.

General:

This task order covers the design, development and testing of Striker DSESTS TPS associated with the sensor upgrade. The new or modified TPS shall be capable with existing DSESTS TPS and hardware.

Program Milestones:

TBD.

3. This modification also implements CLIN 0008AA LAV PDA CABLE MOD IAW terms and conditions of the SOW detailed as follows in this modification. Line item detail is as follows:

CLIN	NOMENCLATURE	COST	COM	FEE	CLIN TOTAL
0008AA	LAV PDA CABLE MOD	\$1,923	\$6	\$171	\$2,100

Statement Of Work
LAV PDA CABLE MOD

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Scope:

Conversion of two (2) each LAV PDA Cables (GFE) to SLEP PDA cables & provision of two (2) each PCMCIA cards with SLEP software.

4. IAW PM Bradley direction, this modification expands the scope of CLIN 0006AC to include the following additional tasks:

- a. Rehost TPSS as required to interface with the VCTU.
- b. Restructure of DSESTS LSA/drawings in accordance with the new, government approved, LIN structure.
- c. Repair one ea GPEOH. This GPEOH was in disrepair at York and will be returned to them upon completion.

5. IAW PM Bradley direction, this modification expands the scope of CLIN 0006AH to include the following additional tasks:

- a. Evaluate the impact of MSD vs SPORT on BRADS and SLV and incorporate changes as required.
- b. Retrofit IC3 adapters into the fielded BRADS.
- c. Complete DSESTS TPS for the Common DECA. This work was begun under CLIN 6AE.

6. IAW PM Bradley direction, this modification revises the terms and conditions that define performance under CLINs 0017AA, 0017AB, 0017AC & 0017AD:

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. These Terms and Conditions also apply to the Drivers Display Panel and Drivers 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-STD00100D (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 not 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 TACOMs cage code, with the understanding that PEI will not ERR these drawings not will non-deliverable drawings be finished and ready for submission. Deliverable documentation will be provided to the Government no later than 31 Dec 2003.

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

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 manufacturers standard

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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 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 prototype hardware to be developed is 2 DVDBs and 2 complete card sets for the PEI laboratory to do testing and integration, 3 each DDPs and 2 complete sets of harnesses and mounting hardware needed for vehicle integration.

4. Full capability Phase I implementation will include qualification of one (1) set of BFVS A3 equipment.

5. Road testing support as part of the other Block Mod Testing for 1 BFVS 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 and \$800,000 for UDLP. These are estimates and final amounts may vary following negotiations.

7. A fieldable DVDB (only) DSESTS TPS will be designed but no hardware sets will be delivered under this contract. TPS development shall be reduced or stopped. The goal is to eventually eliminate all DSESTS and their TPSs by using built in diagnostics.

8. The System Segment Specifications will be revised to incorporate these added requirements presented for approval and accepted as the formal requirements documents.

9. PEI will support the vehicle prime contractor by supply inputs and LSA/TM source material in accordance with the programs schedule.

10. The contractor shall conduct a feasibility study for converting the DVDB design to a System on a Chip (SOC) Technology to include the costs (recurring and non-recurring) and schedule estimates. An implementation plan shall be submitted to the Government for approval within 60 days of receipt of funding.

11. The contractor shall conduct a study of the video re-architecture that will provide CIV, IBAS, TPUII and DVE videos to the Drivers Display and the Squad Leaders Display. Concept with cost (recurring and non-recurring) and schedule shall be provided for approval.

12. Current HPU functionality (hardware and software) as it exists in the A3 Bradley and A3 BFIST shall be incorporated into the DVDB.

13. The Environmental Qualification Testing of the DVDB shall be deferred until further notice.

14. The CEDB design shall be deferred until further notice.

15. UDLP has proposed an Auxillary Power Unit (APU) for the Bradley Fighting Vehicle System (BFVS). If approved for implementation, diagnostics for this APU will be incorporated into the DVDB as appropriate.

16. If the decision to implement SOC is made, excess material shall be returned to the vendors if practical.

17. The prototype hardware to be built is as follows: 2 each DVDB, 3 each DDPs and 2 complete sets of cards for our lab to do testing and integration. Also to be built are tow completed sets of hardnasses and mounting hardwares needed for vehicle integration.

18. Perform a feasibility study for the implementation of the DVDB into A2 ODS vehicle. The study should include options, schedule, costs (recurring and non-recurring_ and achievable commonality.

19. PEI is authorized to transfer excess material out of the CM/ED project and recover that cost for the project. Specifically, based on redirection that eliminated the CEDB, PEI has eight (8) processors and some components which will not be required. PEI has an alternate use for these items which will be used to reimburse CM/ED.

7. Based upon the aforementioned actions in this modification, the Delivery Order value is increased by \$5,502,100.00, from

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\$36,212,401.37 to \$41,714,501.37.

8. All other terms and conditions of Basic Ordering Agreement DAAE20-98-G-0004 apply to this order.

*** END OF NARRATIVE A 029 ***

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Name of Offeror or Contractor: PEI ELECTRONICS INC

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AF	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS <u>SERVICES LINE ITEM</u> NOUN: ABRAMS COMMON DSESTS YR-3 SECURITY CLASS: Unclassified PRON: 472TSU0147 PRON AMD: 01 ACRN: BC AMS CD: 31206500023 <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin <u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD QUANTITY DATE</u> 001 0 30-SEP-2003 \$ 5,000,000.00				\$ 5,000,000.00
0006AP	<u>SERVICES LINE ITEM</u> NOUN: STRIKER TMDE STS SECURITY CLASS: Unclassified PRON: 7206F40672 PRON AMD: 01 ACRN: BD AMS CD: 52899330104 <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin <u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD QUANTITY DATE</u> 001 0 31-DEC-2003 \$ 500,000.00				\$ 500,000.00
0008AA	<u>SERVICES LINE ITEM</u> NOUN: SLEP POP TRIAL INSTALLATION SECURITY CLASS: Unclassified PRON: W12LAV71M1 PRON AMD: 01 ACRN: BE AMS CD: 31303334 CUSTOMER ORDER NO: LAVB7102 <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin <u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD QUANTITY DATE</u> 001 0 30-SEP-2002 \$ 2,100.00				\$ 2,100.00

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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
0001AF	472TSU0147 31206500023	BC 1 2GAAU1	\$ 0.00	\$ 5,000,000.00	\$ 5,000,000.00
0006AP	7206F40672 52899330104	BD 1 0ZGBST	\$ 0.00	\$ 500,000.00	\$ 500,000.00
0008AA	W12LAV71M1 31303334	BE 1	\$ 0.00	\$ 2,100.00	\$ 2,100.00
			NET CHANGE	\$ 5,502,100.00	

SERVICE NAME	NET CHANGE BY ACRN	ACCOUNTING CLASSIFICATION	ACCOUNTING STATION	INCREASE/DECREASE AMOUNT
Army	BC	21 22033000025R5R02P31206531E9	S20113 W56HZV	\$ 5,000,000.00
Army	BD	21 02035000005R5R03P52899331E1	S20113 W56HZV	\$ 500,000.00
Army	BE	21 22020000026D80304238290252C	S20113 W56HZV	\$ 2,100.00
NET CHANGE				\$ 5,502,100.00

	PRIOR AMOUNT OF AWARD	INCREASE/DECREASE AMOUNT	CUMULATIVE OBLIG AMT
NET CHANGE FOR AWARD:	\$ 36,212,401.37	\$ 5,502,100.00	\$ 41,714,501.37