

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. Contract ID Code Cost-Plus-Fixed-Fee		Page 1 Of 11				
2. Amendment/Modification No. P00001		3. Effective Date 2008MAY15		4. Requisition/Purchase Req No. SEE SCHEDULE		5. Project No. (If applicable)				
6. Issued By U.S. ARMY TACOM LCMC AMSTA-AQ-ASGB DAMON MCNALLY (586)574-7292 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL WEAPON SYSTEM: WPN SYS: 00 EMAIL: DAMON.MCNALLY@US.ARMY.MIL		Code W56HZV		7. Administered By (If other than Item 6) DCMA COMBAT VEHICLES-DETROIT 6501 EAST ELEVEN MILE, BLDG 231 ATTN: DCMAG-MD WARREN MI 48397-5000		Code S2305A				
				SCD C		PAS NONE				
				ADP PT		HQ0337				
8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code) PILGRIM TECHNOLOGY LLC 4604 N SAGINAW RD STE K MIDLAND, MI 48640-2190 TYPE BUSINESS: Other Small Business Performing in U.S.				☐				9A. Amendment Of Solicitation No.		
				☐				9B. Dated (See Item 11)		
				☒				10A. Modification Of Contract/Order No.		
				☐				W56HZV-07-C-0282		
				☐				10B. Dated (See Item 13) 2007MAY25		
Code 3CZ80		Facility Code								

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Name of Offeror or Contractor: PILGRIM TECHNOLOGY LLC

SECTION A - SUPPLEMENTAL INFORMATION

PROGRAM: Mobile Secure Wireless Sensor

PURPOSE OF MODIFICATION: Change Order/Incorporate Unmanned Ground Vehicle (UGV) Platform Development/Demo Requirements

PRIOR CONTRACT AMOUNT: \$ 819,936.00
AMOUNT THIS ACTION: \$ 590,163.00
TOTAL CONTRACT AMOUNT: \$ 1,410,099.00

The purpose of this change order, bilateral Modification P00001, is to incorporate requirements for application of the HEMTT-based wireless sensor data collection, encryption, and transmission to a COR designated UGV platform. The modification is issued pursuant to the authority of Section I FAR Clause 52.243-2, "CHANGES--FIXED-COST-REIMBURSEMENT (ALTERNATE V, dated April 1984) (AUG/1987), and the related consideration incorporated by mutual agreement of the Government and the Contractor. The contract is hereby modified as follows:

1. Section B - Supplies or Services and Prices/Costs:

- a. CLIN 0001 is revised to reflect the increased Estimated Cost, Fixed Fee, and Total Estimated Cost for the overall effort.
- b. SubCLIN 0001AB is added in the amount of \$590,163.00 (PRON #R382C122R3) to fund the change order effort.

2. Section C - Description/Specifications/Work Statement: The revised SOW is incorporated under Narrative C0001 to include the change order UGV platform effort, with distinctions between the HEMTT and UGV-based schedules and reporting.

3. Section E - Inspection and Acceptance: Paragraph E.1.1, is revised to correct the inspection and acceptance point of contact to reflect the current contract COR.

4. Section F - Deliveries or Performance:

- a. Paragraph F.1.2 is revised to correct the delivery point of contact to reflect the current contract COR.
- b. Paragraph F.2.1 is revised to reflect the extension of the contract period of performance to twelve (12) months after the award of this modification. Paragraph F.2.2 is revised to indicate that completion of the effort is tied to delivery of the Final Scientific and Technical Report and all hardware/software deliverables required for the change order effort under modification P00001.
- d. Paragraphs F.3.1 and F.3.2 are revised to include prototype delivery requirements for the change order effort under this modification.

5. Section G - Contract Administration Data:

- a. Revised to include accounting data applicable to the addition of funding PRON R382C122R3 under SubCLIN 0001AB.
- b. TACOM Clause 52.242-4016, "COMMUNICATIONS (MAY/2000)," is revised to reflect the current Technical Representative point of contact information.

6. Section J - List of Attachments: Reference to Attachment 0001, "CONTRACT DATA REQUIREMENTS LIST," is deleted and replaced by Exhibit A for the same document, revised to incorporate the reporting requirements for the change order effort under this modification.

7. As a result of this modification, the Total Contract Amount is increased by \$590,163.00 from \$819,936.00 to \$1,410,099.00. The Estimated Cost is increased by \$551,573.00 from \$762,543.00 to \$1,314,116.00, and the Fixed Fee is increased by \$38,590.00 from \$57,393.00 to \$95,983.00.

8. Contractor's Statement of Release: In consideration of the modification(s) agreed to herein as complete equitable adjustments for the Contractors proposal for adjustment, "Robotics Cost Proposal Ver4-JP," submitted 06 May 2008, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the submittal of "Robotics Cost Proposal Ver4-JP."

9. Except as specifically provided for in this modification, all other terms and conditions of Contract W56HZV-07-C-0282 as previously modified remain unchanged and in full force and effect.

*** END OF NARRATIVE A0001 ***

Name of Offeror or Contractor: PILGRIM TECHNOLOGY LLC

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS <u>SERVICES LINE ITEM</u> SECURITY CLASS: Unclassified Contractor shall furnish all supplies and services to accomplish the tasks specified in Section C - Scope of Work (End of narrative B001) ESTIMATED COST: \$1,314,116 FIXED FEE: \$ 95,983 TOTAL ESTIMATED COST: \$1,410,099 (End of narrative B002)				\$ ** NSP **
0001AB	<u>MOBILE SECURE WIRELESS SENSOR (UGV)</u> NOUN: JC UGV PILGRIM TECH PRON: R382C122R3 PRON AMD: 01 ACRN: AB AMS CD: 63300553300 <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD</u> <u>QUANTITY</u> <u>DATE</u> 001 1 SEE SECTION F \$ 590,163.00	1	L0		\$ 590,163.00

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SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 Purpose

The expansion of secure wireless sensor technology to key critical component areas is necessary as learned from experience in the Iraqi theater of operations. The contractor shall ensure that the secure wireless sensor collector must fully integrate into and support various platforms such as the Heavy Expanded Mobility Tactical Truck (HEMTT), Stryker, the Family of Medium Tactical Vehicles (FMTV), the ten (10) variants under the Stryker Brigade Combat Team (SBCT) program, and the Unmanned Ground Vehicle (UGV) platform.

C.2 Objective Statement of Work

The contractor shall expand on the work accomplished during the Wireless Sensors for Vehicle Maintenance Contract, #1272837JP. The prime contract related to this project/subcontract was issued by The Naval Air Warfare Center Training Systems Division, Orlando, FL under contract #: N61339-03-D-0300 (cost plus fixed fee, indefinite delivery/indefinite quantity). The contractor shall employ the use of wireless sensors and devices that have reliable encryption methodologies compliant to the Department of Defense (DOD) standards and military specifications and in keeping with U.S. Army requirements shall ensure Combat Service Support Automated Information System interface (CAISI) compatibility with the functional product throughout the program. Expanding the ability of traditionally wired sensors into a collection device and making those sensors wireless will dramatically reduce the overall vehicle costs and installation costs of sensor devices. Wired online system sensors require extensive installation time and costs per vehicle. Additionally some machinery cannot be monitored with wired systems due to location or moving parts. The contractor shall investigate usage of technologies in the 802.15, 802.16 and 802.20 wireless fields (consensus standards for personal area networks for short distance wireless networks). Specific U.S. Army requirements are to utilize existing encryption technology platforms fielded in both Garrison and non-Garrison posts, which currently utilize CAISI as means of wireless communications. The contractor developed hardware and software under this initiative shall be compliant with and operate in conjunction with the CAISI program. The contractor shall research, report and design a product with capabilities that allow for Controller Area Network (CAN), J1939 and J1708 BUS interaction and provide research with regard to vehicle type and BUS type, stating what functions will be inherently attainable at clearly identifiable costs with each model vehicle presented by the Government. The contractor shall design, develop, demonstrate and deliver two (2) HEMTT prototype units that have similar function with regard to reporting data but allow for connection to varying BUS types as defined by the Government. The contractor shall also design, develop, demonstrate and deliver two (2) UGV prototype units that have similar function with regard to reporting data but allow for connection to the non-BUS systems configuration of the UGV platform, to be designated by the COR at the Start of Work meeting for additional efforts under modification P00001, and to be provided as Government Furnished Equipment (GFE) in accordance with (IAW) paragraph C.2.1.6.2.

C.2.1 Detailed Design of Various Components and Subsystems

C.2.1.1 HEMTT Prototype BUS Requirements

The contractor shall design a device for use in a HEMTT vehicle, with access to be provided by the COR IAW paragraph C.2.1.6.1. The contractor shall plan for connection of a CAN, J1939 or J1708 BUS type integration to the secure wireless network (CAISI), and connection of three additional sensor types, Air Intake, and Oil. Depending upon vehicle type, the Air and Oil sensors may be connected via common automotive interfaces through either the analog module or digital module. The contractor shall take into account that some vehicle types may have two CAN controllers. The contractor shall plan for connection to the HEMTT.

C.2.1.2 UGV Prototype Non-BUS Requirements

The contractor shall design a device for use in a UGV platform, to be designated by the COR. The contractor shall plan for connection of the UGV non-BUS systems configuration to the secure wireless network (CAISI), and connection of additional sensor types as specified under C.2.1.4.2. The contractor shall identify and document the designated UGV platform requirements for intra-platform and extra-platform Condition Based Maintenance (CBM) and non-CBM communications.

C.2.1.3 Environment

The contractors designs shall be suitable for use in a ruggedized military environment, for automotive use, and shall meet military standards for possible use in the vehicle platform engine compartment. All wiring and wire harness attachments utilized shall be appropriate for these conditions.

C.2.1.4 Sensors

The contractor shall investigate the most feasible method of sensor reporting with regard to level and quality of the data collected, and provide the Government with report data supporting the rationale for the method selected. The contractor shall do independent research to select sensor companies to move forward with in obtaining the required sensors. The contractor shall provide output of raw sensor data, to end devices where possible. The contractor shall define the sensor protocol used and if possible provide for display of the data from a defined end device capable of providing basic interpretation of the data. The contractor shall provide these findings to the COR and obtain the CORs approval (e-mail concurrence is sufficient) prior to moving forward to the design phase. The findings should include Intensive Sensor-Input Signals and Extensive Sensor-Input signals clearly detailing which sensors exhibit which characteristics per paragraph C.4.1. The contractor shall report on sensor output signals and report which output signal characteristics are found, static output characteristic, dynamic behavior, or if cross sensitivity to interference is found.

C.2.1.4.1 HEMTT

The contractor shall design input (analog) for sensors that allow for Air Intake, specifically pressure and flow levels. Oil condition monitoring will provide as much data as the sensor can obtain on the oil condition, including viscosity, particulate composition and other relevant details.

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C.2.1.4.2 UGV
The contractor shall integrate radio-encrypted video, audio, electrical, and Emergency-Stop (E-STOP) sensor data collection and transmission to the prototype unit, on the COR designated UGV platform.\~ The contractor shall also integrate an additional three sensor data types to be designated by the COR no later than (NLT) 180 calendar days after the award of modification P00001 for the UGV-based effort.

C.2.1.5 Power
The contractor shall design power interfaces that can support multiple Army vehicle platforms as defined by the Government in paragraph C.1. The contractor shall clearly define product capabilities in the differing power environments presented by the Army.

C.2.1.6 Vehicle Platform Availability

C.2.1.6.1 HEMTT
The COR will provide the contractor with access to a HEMTT at TACOM for sensor integration prior to the Final HEMTT Demonstration Meeting.

C.2.1.6.2 UGV
The UGV platform will be designated by the COR at the Start of Work meeting for additional efforts under modification P00001 (ref paragraph C.3.1). The UGV designation will be made by the COR based on the availability and operational readiness of potential platforms. The designated UGV will be provided to the contractor as Government Furnished Equipment (GFE) NLT 180 calendar days after the award of modification P00001.

C.2.2 Prototyping & Build Requirements

C.2.2.1 HEMTT Prototypes
The contractor shall build two (2) units, considered prototype units, for the HEMTT effort. The prototype units shall be developed to fully support complete functioning of the following:

- * CAN, J1939 or J1708BUS Connection
- * Sensor Connection (Analog)
- * Radio Module (802.11x CAISI compatible)
- * Secure Transmission Module (FIPS 140-2 Validated Encryption)

C.2.2.2 UGV Prototypes
The contractor shall build two (2) units, considered prototype units, for the UGV effort. The prototype units shall be developed to fully support the complete function of the following:

- * CAN, J1939 or J1708BUS Connection
- * Non-BUS System Configuration Connection
- * Sensor Connection (Analog or Digital)
- * Radio Module (802.11x CAISI compatible)
- * Secure Transmission Module (FIPS 140-2 Validated Encryption)

C.2.2.3 Vehicle Unit
The vehicle mounted unit shall consist of the designed vehicle-compliant model, which can be mounted in various engine or adjacent compartments as to not obstruct normal vehicle use. Engine mounted devices shall comply with watertight and heat/cold requirements of automotive technology.

C.2.2.3 Build Requirements
The contractor shall conduct laboratory testing and benchmarking of the HEMTT and UGV prototype units (per C.2.3 thru C.2.3.2) to determine the limitations, acceptable means of operation and any other factors of the complete integration of components before installing in the relevant vehicle platforms. Testing includes connection of the devices to commercial vehicles to establish benchmarking and acceptable norms of operation with regard to the sensor types being researched and developed. Benchmarking allows for establishment of known parameters prior to benchmarking in selected Army vehicle types.

C.2.2.3.1
The prototype units must conform to rugged military specifications and be acceptable for installation in the environment for which they are installed. All wiring and wire harness types should be acceptable for use in military field conditions and for use in automotive environments.

C.2.3 Laboratory Testing & Benchmarking
The contractor shall assemble the prototypes and test the prototypes to determine true functionality of sensor input and CAN (BUS) or non-BUS input, along with establishing the connection of secure wireless transmission through a CAISI (mock-up) network.

C.2.3.1 Laboratory Testing
The contractor shall conduct laboratory testing including appropriate tests on sensors, sensor transmission and wireless transmission

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and storage of sensor data and sensor traffic. The contractor shall report these findings to the COR to provide the Government with enough data to determine the feasibility of the use of certain sensor types and what amount of storage requirements should be developed.

C.2.3.2 Benchmarking

The contractor shall conduct tests on each sensor type and the CAN (BUS) or non-BUS interface, and develop benchmarks for reliable, steady communications and sensor traffic delivery. The contractor shall use a commercial vehicle or other engine type if necessary to establish known baselines for sensor and CAN (BUS) or non-BUS performance. The contractor shall report the benchmarks to the COR in report format for the Government to review the data in a layout that clearly shows performance of each sensor or input type.

C.3 Meetings

C.3.1 Start-of-Work Meetings

The contractor shall host start-of-work meetings at TACOM, at a mutually agreed time, within thirty (30) calendar days after contract award (for the HEMTT effort) and thirty (30) calendar days after award of modification P00001 (for the UGV effort). Each meeting shall be no longer than one (1) day and shall include invitations to the Contracting Officer Representative (COR), Procurement Contracting Officer (PCO), and the Director of the National Automotive Center. The presentation shall outline Pilgrim Technologys plans for accomplishing the respective program. Pilgrim Technology LLC shall coordinate the agenda and participants with the COR.

C.3.2 In-Process Reviews (IPRs)

The Contractor and Government COR shall conduct a monthly conference call within ten (10) calendar days after the COR receives the Performance and Cost Report referenced in paragraph C.4.1.2. The phone conference at a minimum shall cover project progress (i.e., technical and cost) to date, and future project objectives scheduled between the current and next regularly scheduled monthly conference call.

C.3.3 Interim Demonstration Meetings (Standalone Prototype laboratory Test)

Interim demonstrations shall be performed at TACOM approximately 255 calendar days after contract award (for the HEMTT effort) and 255 calendar days after award of modification P00001 (for the UGV effort), at a mutually agreed time. Each demonstration shall consist of connecting the prototype units to the Government vehicle in order to properly show the delivery of the specified data types from the connected sensors and BUS interfaces. The contractor shall facilitate the installation, and testing of the provided product.

C.3.4 Final Demonstration Meetings

Demonstrations shall be performed at TACOM on or before 365 calendar days after contract award (for the HEMTT effort) and 365 calendar days after award of modification P00001 (for the UGV effort), at a mutually agreed time. Each demonstration shall consist of connecting the prototype units to the respective Government vehicle platform as to properly show the delivery of the specified data types from the connected sensors and BUS or non-BUS interfaces. The contractor shall facilitate the installation, and testing of the provided product. The GFE UGV shall be returned to Government possession at the conclusion of the UGV prototype Final Demonstration Meeting.

C.4 Deliverables

C.4.1 Reports

C.4.1.1 Technical Product Description

The contractor shall provide the Government with Technical Product Description reports IAW Section J, Attachment 0001, CDRL Data Item A005 sixty (60) calendar days after contract award (for the HEMTT effort), and sixty (60) calendar days after the award of modification P00001 (for the UGV effort). The Government will provide concurrence to the contractor within fifteen (15) business days after receipt of these reports. The reports shall include the following sections:

- * Executive Summary: Summarize the technology, the expected improvements, and the potential outcome of the project and or effort.
- * Concept of Operation: A description of the project objectives, the concept of operation for the new capabilities to be delivered, and the expected performance improvements.
- * Operational Utility: A plan for demonstrating and evaluating the operational effectiveness in field experiments and/or tests in a simulated environment.
- * Project Schedule and Milestones: A summary of the schedule of events and milestones.
- * Assertion of Data Rights: Include a summary of any proprietary right to pre-existing results, prototypes, or systems supporting and/or necessary for the use of the research, results and/or prototype.
- * Management Approach: A discussion of the overall approach to the management of this effort, including brief discussions of the total organization; use of personnel; project/function/ subcontractor relationships; government research interfaces; and planning, scheduling and control practice. Identify which personnel and subcontractors (if any) will be involved.

C.4.1.2 Performance and Cost Report

The contractor shall provide the government with a monthly Performance and Cost Report IAW Section J, Attachment 0001, CDRL Data Item A002 by the tenth (10) day following the reporting month. The Government will provide concurrence to the contractor within fifteen (15) calendar days after receipt of this report.

C.4.1.3 Contractors Progress Status and Management Report

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The contractor shall provide the Government with a Progress Status and Management Report IAW Section J, Attachment 0001, CDRL Data Item A003 by the tenth (10) calendar day following the reporting month. Each report shall detail problems encountered, and shall also detail planned or recommended solutions. Each report shall provide summarized details of the resource status of this effort. The Government will provide concurrence to the contractor within fifteen (15) calendar days after receipt of each report.

C.4.1.4 Final Reports

The contractor shall deliver draft final reports IAW Section J, Attachment 0001, CDRL Data Item A001 summarizing the work performed and results, including algorithm descriptions and justification, software validation results, and capabilities statement (10) calendar days prior to the Final Demonstration Meetings for the HEMTT effort and the UGV effort per paragraph C.3.4, so as to make the drafts available for discussion at the Final Demonstration Meetings. The Government will provide comments and/or concurrence to the contractor within fifteen (15) business days after receipt of the draft final reports.

The contractor shall submit the final reports, incorporating the Governments comments, as appropriate, with fifteen (15) business days of receiving the Government CORs comments.

The Final Reports shall consist of two parts, one addressing the technical achievements and the second recapping the business/financial aspects of the completed efforts. The technical portion of the report should be suitable for publication and is to provide a recap of each effort, discussing the accomplishments. The business portion of the report shall contain a separate discussion of total costs incurred by Pilgrim Technology LLC with an explanation for any deviations from the original estimated cost.

C.4.1.5 Report, Record of Meeting/Minutes

The contractor shall provide minutes of all scheduled meetings IAW Section J, Attachment 0001, CDRL Data Item A004, beginning with each Start of Work Meeting, no later than five (5) calendar days after the meetings.

C.4.1.6 Demonstration Report

The contractor shall produce reports IAW Section J, Attachment 0001, CDRL Data Item A005 detailing the outcome of the demonstration events as described in sections C.3.3 and C.3.4 with comparisons to known laboratory benchmarks already established.

C.4.2 Delivery of Prototype Models

C.4.2.1 Vehicle Units

The Contractor shall deliver two (2) units to the government COR per the requirements of Sections C.3.3 and C.3.4 that display both variants of the developed radio prototypes. The prototypes shall be intended for use in vehicles while in a mobile condition (i.e. the unit will be operational during normal vehicle use while deployed). The second unit shall be a fully operational spare or used in a second vehicle for integration.

C.4.2.2 Benchmarked Models

The contractor shall deliver to the government two units the same as those in C.4.2.1 at the Final Demonstration Meeting to the government COR that have been through laboratory testing and completed benchmarking. The contractor shall deliver the units to the government by hand delivery to the location specified per section C.3.4.

*** END OF NARRATIVE C0001 ***

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SECTION E - INSPECTION AND ACCEPTANCE

E.1 INPECTION AND ACCEPTANCE OF HARDWARE AND DATA

E.1.1 Inspection and accptance of the prototypes to be delivered under the contract shall be done at the following Destination location shown below by the Contracting Officer's Representative (COR) or the COR's duly appointed representative.

U.S. Army Tank-Automotive & Armaments Command (TACOM)
National Automotive Center (NAC)
ATTN: AMSRD-TAR-N (Christopher Beck/mailstop 204)
6501 East 11 Mile Rd
Warren MI 48397-5000

E.1.2 Inpsection and acceptance of any data deliverable under this contract shall be at destination or as required by DD Form 1423. The determination that the data are complete and conform to the requirements of the contract will be made by the Contracting Officer's Representative (COR), to assure the work and the results thereof are in accordance with the terms of the contract.

*** END OF NARRATIVE E0001 ***

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SECTION F - DELIVERIES OR PERFORMANCE

F.1 DELIVERY

F.1.1 The contractor shall submit all documents electronically in accordance with the Contract Data Requirememts List (CDRL), DD Form 1423, Exhibit A.

F.1.2 The Contractor shall deliver, FOB Destination, all items that cannot be sent electronically (Hardware, Techical Data, etc.) to the following address:

U.S. Army Tank-Automotive & Armaments Command (TACOM)
National Automotive Center (NAC)
ATTN: AMSRD-TAR-N (Christopher Beck/Mailstop 204)
6501 East 11 Mile Rd
Warren MI 48397-5000

F.2 PERFORMANCE

F.2.1 All work required under this contract, including submission of the Final Scientific and Technical Report shall be completed no later than twelve (12) months after the award of Modification P00001.

F.2.2 Acceptance of the Final Scientific and Technical Report and all hardware/software deliverables required under Modification P00001 will constitute completion of the contract effort.

F.3 PROTOTYPE DELIVERY

F.3.1 The Contractor shall deliver two (2) prototype units each, for the HEMTT and UGV efforts, at the Interim Demonstration Meetings per section C.3.3 to the Government COR that display both variants of the developed radio prototypes. The prototypes shall be intended for use in vehicles while in a mobile condition (i.e. the unit will be operational during normal vehicle use while deployed). The second unit shall be a fully operational spare or used in a second vehicle for integration.

F.3.2 In accordance with Section C.4.2.2 the Contractor shall deliver to the Government two (2) units each, for the HEMTT and UGV efforts, the same as those in C.4.2.1 at the Final Demonstration Meeting to the Government COR that have been through laboratory testing and completed benchmarking. The Contractor shall deliver the untis to the Government by hand delivery to the location specified per section C.3.4.

*** END OF NARRATIVE F0001 ***

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SECTION G - CONTRACT ADMINISTRATION DATA

LINE ITEM	PRON/ AMS CD/ MIPR	ACRN	OBLG STAT/ JOB ORD NO	PRIOR AMOUNT	INCREASE/DECREASE AMOUNT	CUMULATIVE AMOUNT
0001AB	R382C122R3 63300553300	AB	2 82C122	\$ 0.00	\$ 590,163.00	\$ 590,163.00
				NET CHANGE	\$ 590,163.00	

SERVICE NAME	NET CHANGE BY ACRN	ACCOUNTING CLASSIFICATION	ACCOUNTING STATION	INCREASE/DECREASE AMOUNT
Army	AB	21 82040000086N6N7EP633005255Y S20113	W56HZV	\$ 590,163.00
				NET CHANGE \$ 590,163.00

	PRIOR AMOUNT OF AWARD	INCREASE/DECREASE AMOUNT	CUMULATIVE OBLIG AMT
NET CHANGE FOR AWARD:	\$ 819,936.30	\$ 590,163.00	\$ 1,410,099.30

ACRN	EDI ACCOUNTING CLASSIFICATION	
AB	21 080920400000 S20113 86N6N7E63300553300255Y	82C122S20113 W56HZV
Status Regulatory Cite		Title Date
G-1 CHANGED 52.242-4016		COMMUNICATIONS MAY/2000

Communications on technical matters pertaining to the contract shall be direct between the contractor and the Technical Representative. Communications for the Technical Representative shall be addressed to:
 Name: Christopher Beck
 E-mail: Christopher.S.Beck@us.army.mil
 The Administrative Contracting Officer's (ACO) name and email address are also provided if known at this time:
 ACO: Mark Carver
 E-mail: Mark.Carver@dcma.mil
 Please see the appointment letters prepared at time of contract award for functions the Technical Representative and ACO will perform on this contract.

[End of Clause]

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SECTION J - LIST OF ATTACHMENTS

List of Addenda	Title	Date	Number of Pages	Transmitted By
Exhibit A	CONTRACT DATA REQUIREMENTS LIST	10-MAY-2008	003	
Attachment 0001	CONTRACT DATA REQUIREMENTS LIST	DELETED	003	

CONTRACT DATA REQUIREMENT LIST

Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

NOTE TO BUYER: PLEASE UPDATE CONTACTS/REFERENCES FOR YOUR SPECIFIC CONTRACT (AND DELETE THIS LINE)

A. CONTRACT LINE ITEM NO.: 0002 D. SYSTEM/ITEM.....: SECURE WIRELESS SENSOR COLLECTORS
B. EXHIBIT : A E. CONTRACT/PR NO.:
C. CATEGORY.....: F. CONTRACTOR.....: Pilgrim Technology

1. DATA ITEM NO.: A001
2. TITLE OF DATA ITEM : SCIENTIFIC AND TECHNICAL REPORTS
3. SUBTITLE: Final Report

4. AUTHORITY: DI-MISC-80711A (T) (see 16a. below)
5. CONTRACT REFERENCE: C.4.1.4
6. REQUIRING OFFICE: AMSRD-TAR-R 9. DIST. STATEMENT REQUIRED: 12. DATE OF FIRST SUB: SEE ITEM 16
7. DD250 REQ: DD 10. FREQUENCY: SEE ITEM 16 13. DATE OF SUBS. SUB: SEE ITEM 16
8. APP CODE.....: A 11. AS OF DATE:

14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

CONTRACTING OFFICER'S REPRESENTATIVE, Christopher Beck E-MAIL Christopher.S.Beck@us.army.mil
CONTRACT SPECIALIST, Damon McNally E-MAIL damon.mcnally@us.army.mil
ADMINISTRATIVE CONTRACTING OFFICER, Mark Carver E-MAIL mark.carver@dcma.mil

15. TOTAL:

16. REMARKS:

- a. DI-MISC-80711A is tailored by deleting 10.2
b. See Section C.4.1.1 for details and distribution schedule.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO.: A002
2. TITLE OF DATA ITEM : Performance and Cost Report
3. SUBTITLE.....:

4. AUTHORITY: DI-FNCL-80912
5. CONTRACT REFERENCE: C.4.1.2
6. REQUIRING OFFICE: AMSRD-TAR-R 9. DIST. STATEMENT REQUIRED: 12. DATE OF FIRST SUB: SEE ITEM 16
7. DD250 REQ: DD 10. FREQUENCY: SEE ITEM 16 13. DATE OF SUBS. SUB: SEE ITEM 16
8. APP CODE.....: A 11. AS OF DATE:

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CONTRACT SPECIALIST, Damon McNally E-MAIL damon.mcnally@us.army.mil
ADMINISTRATIVE CONTRACTING OFFICER, Mark Carver E-MAIL mark.carver@dcma.mil

15. TOTAL:

16. REMARKS:

See Section C.4.1.2 for details and distribution schedule.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO.: A003
2. TITLE OF DATA ITEM : Contractor's Progress, Status and Management Report
3. SUBTITLE:

4. AUTHORITY: DI-MGMT-80227(T) (see 16a. below)
5. CONTRACT REFERENCE: C.4.1.3
6. REQUIRING OFFICE: AMSRD-TAR-R 9. DIST. STATEMENT REQUIRED: 12. DATE OF FIRST SUB: SEE ITEM 16
7. DD250 REQ: DD 10. FREQUENCY : SEE ITEM 16 13. DATE OF SUBS. SUB: SEE ITEM 16
8. APP CODE: A 11. AS OF DATE:

14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

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CONTRACT SPECIALIST, Damon McNally E-MAIL damon.mcnally@us.army.mil
ADMINISTRATIVE CONTRACTING OFFICER, Mark Carver E-MAIL mark.carver@dcma.mil

15. TOTAL:

16. REMARKS:

DI-MGMT-80227 is tailored by deleting 10.2, 10.3(j), 10.3(k), 10.3(1), 10.3(f), 10.3(g), 10.3(h), and 10.3(i).

See Section C.4.1.3 for details and distribution schedule.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO.: A004
2. TITLE OF DATA ITEM : Conference Minutes
3. SUBTITLE:

4. AUTHORITY: DI-ADMN-81250A
5. CONTRACT REFERENCE: C.4.1.5
6. REQUIRING OFFICE: AMSRD-TAR-R 9. DIST. STATEMENT REQUIRED: 12. DATE OF FIRST SUB: SEE ITEM 16
7. DD250 REQ: DD 10. FREQUENCY : SEE ITEM 16 13. DATE OF SUBS. SUB: SEE ITEM 16
8. APP CODE: A 11. AS OF DATE:

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ADMINISTRATIVE CONTRACTING OFFICER, Mark Carver E-MAIL mark.carver@dcma.mil

15. TOTAL:

16. REMARKS:

See Section C.4.1.5 for details and distribution schedule.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO.: A005
2. TITLE OF DATA ITEM : SCIENTIFIC AND TECHNICAL REPORTS
3. SUBTITLE: Other Reports - (see 16a below)

4. AUTHORITY: DI-MISC-80711A (T) (see 16a. below)
5. CONTRACT REFERENCE: C.4.1.1; C.4.1.6
6. REQUIRING OFFICE ..: AMSRD-TAR-R 9. DIST. STATEMENT REQUIRED: 12. DATE OF FIRST SUB: SEE ITEM 16
7. DD250 REQ: DD 10. FREQUENCY : SEE ITEM 16 13. DATE OF SUBS. SUB: SEE ITEM 16
8. APP CODE: A 11. AS OF DATE:

14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

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CONTRACT SPECIALIST, Damon McNally E-MAIL damon.mcnally@us.army.mil
ADMINISTRATIVE CONTRACTING OFFICER, Mark Carver E-MAIL mark.carver@dcma.mil

15. TOTAL:

16. REMARKS:

- a. DI-MISC-80711A is tailored by deleting 10.2
- b. See Section C.4.1.1 for details and distribution schedule.
- c. Other Reports
 - Technical Product Description (60 days after contract award; Govt concurrence within 15 business days)
 - Demonstration Report (per Section C.3.3 and C.3.4)

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

***** THE FOLLOWING INSTRUCTION APPLIES TO ALL REPORT(S) DELIVERABLE UNDER THE CONTRACT *****

Prepare the reports in Contractor format. Submit the reports using any of the following electronic formats:

- (1) Files readable using these Microsoft* Office XP or Microsoft* Office 2002 & lower Products: Word, Excel, PowerPoint, or Access. Spreadsheets must be sent in a file format that includes all formulae, macro and format information. Print or scan images of spreadsheets are not acceptable. Please see security note below for caution regarding use of macros.
- (2) Files in Adobe PDF (Portable Document Format). When scanning documents, scanner should be set to 200 dots per inch.
- (3) Files in HTML (Hypertext Markup Language) Format. HTML documents must not contain active links to Internet websites or webpages for reference information. All linked information must be contained within your electronic report, and be accessible offline.
- (4) Other electronic formats. Before preparing your report in any other electronic format, please e-mail the COR, with an e-mail copy-furnished to amsta-idq@taacom.army.mil, to obtain a decision as to the format's acceptability. This e-mail must be received by the COR not later than ten (10) calendar days before the draft report's due date. All alternate methods must be at no cost to the Government.
- (5) Please note that we can no longer accept .zip files due to increasing security concerns.

NOTE. Macros: The virus scanning software used by our e-mail systems cannot always distinguish a macro from a virus. Therefore, sending a macro embedded in an e-mail message or an e-mail attachment may cause the e-mail report to be quarantined.

d. Acceptable media: The Contractor shall submit reports via e-mail. If e-mail is not workable, other acceptable media include 3 1/2 inch disk, or 650 megabyte CD ROM. Identify the software application and version used to create each file submitted.

(1) E-MAIL. Maximum size of each e-mail message shall be three and one-half (3.5) megabytes. Previously "zipped" files were accepted, but due to security concerns these zipped attachments cannot be received through our mail system. You may use multiple e-mail messages if necessary, however, you must annotate the subject lines in this manner: "Message 1 of 3, 2 of 3, 3 of 3."

(2) 3 1/2 INCH DISK, OR 650 MEGABYTE CD ROM via U.S. Mail or other carrier. The Contractor shall label all submitted disks with the Contract number, the Contractor's name and address, and a contact's phone number. Exterior mailing envelopes containing disks must be addressed to the following address:

Damon McNally/AMSTA-AQ-ASGB/Mail Stop 322
U.S. Army TACOM LCMC
6501 East 11 Mile Road
Warren, MI 48397-5000

NOTE: Please select only one type of electronic media to transmit each report. For instance, do not submit a report via e-mail and CD-ROM.