

AWARD/CONTRACT		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		RATING DX-C9		PAGE OF PAGES 1 28	
2. CONTRACT (Proc Inv. Ident.) NO. HQ0006-09-C-7014		3. EFFECTIVE DATE 24 Jun 2009		4. REQUISITION/PURCHASE REQUEST/PROJECT NO. DVSCAW0004			
5. ISSUED BY MISSILE DEFENSE AGENCY (MDA) CONTRACTS DIRECTORATE 7100 DEFENSE PENTAGON WASHINGTON DC 20301-7100		CODE HQ0006	6. ADMINISTERED BY (If other than Item 5) DCMA CHICAGO 1523 WEST CENTRAL ROAD ARLINGTON HEIGHTS IL 60006-2461		CODE S143A		
7. NAME AND ADDRESS OF CONTRACTOR (Use street, city, county, state and zip code) EPMR TECHNOLOGIES, INC. 960 TERRITORIAL DRIVE BOLINGBROOK IL 60440-3542				8. DELIVERY [] FOB ORIGIN [X] OTHER (See below)			
				9. DISCOUNT FOR PROMPT PAYMENT			
10. SUBMIT INVOICES (4 copies unless otherwise specified) TO THE ADDRESS SHOWN IN				ITEM			
CODE 1LBM3		FACILITY CODE		12. PAYMENT WILL BE MADE BY DFAS COLUMBUS CENTER DFAS-COMVEST ENTITLEMENT OPERATIONS P.O. BOX 182381 COLUMBUS OH 43218-2381		CODE HQ0006	
11. SHIP TO MARK FOR See Schedule		CODE					
13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION [] 10 U.S.C. 2304(c)(1) [] 41 U.S.C. 253(c)(1)				14. ACCOUNTING AND APPROPRIATION DATA See Schedule			
15A. ITEM NO.	15B. SUPPLIES/SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT		
SEE SCHEDULE							
15G. TOTAL AMOUNT OF CONTRACT						1999,999.00	
16. TABLE OF CONTENTS							
(X) SEC	DESCRIPTION	PAGE(S)	(X) SEC	DESCRIPTION	PAGE(S)		
PART I - THE SCHEDULE							
X A	SOLICITATION/CONTRACT FORM	1	X I	CONTRACT CLAUSES	20 - 27		
X B	SUPPLIES OR SERVICES AND PRICES/COSTS	2 - 3	PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS				
X C	DESCRIPTION/SPECS/WORK STATEMENT	4	X J	LIST OF ATTACHMENTS	28		
X D	PACKAGING AND MARKING	5	PART IV - REPRESENTATIONS AND INSTRUCTIONS				
X E	INSPECTION AND ACCEPTANCE	6	K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS			
X F	DELIVERIES OR PERFORMANCE	7	L	INSTRS. CONDS. AND NOTICES TO OFFERORS			
X G	CONTRACT ADMINISTRATION DATA	8 - 11	M	EVALUATION FACTORS FOR AWARD			
X H	SPECIAL CONTRACT REQUIREMENTS	12 - 19					
CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE							
17 [X] CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return it to the issuing office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed below.)				18 [] AWARD (Contractor is not required to sign this document.) Your offer on Solicitation Number _____ including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award constitutes the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award contract. No further contractual document is necessary.			
19A. NAME AND TITLE OF SIGNER (b)(6)				20A. NAME OF CONTRACTING OFFICER BRIGIDEN TINGER CONTRACTING OFFICER			
19B. NAME OF CONTRACTOR (b)(6)				20B. UNITED STATES OF AMERICA			
19C. DATE SIGNED 6/24/09				20C. DATE SIGNED JUN 24 2009			
BY (Signature of person authorized to sign)				BY (Signature of Contracting Officer)			

AUTHORIZED FOR LOCAL REPRODUCTION

Previous edition is usable

STANDARD FORM 26 (REV. 4/2001)
Prescribed by GSA
FAR (48 CFR) 53.216(a)

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001		1	Lot		(b)(4)
	SBIR Phase II Research and Development.				
	CPFF				
	The Contractor shall perform research and development efforts IAW its Technical Proposal #B2-1579, Titled: HgCdTe Detectors Under Non-Equilibrium Conditions for High Operating Temperatures, Dated: September 18, 2008.				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: DV9CAW94844				

ESTIMATED COST	(b)(4)
FIXED FEE	
TOTAL EST COST + FEE	

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000101					\$0.00
	Information SLIN.				
	CPFF				
	Funding for CLIN 0001.				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: DV9CAW94844				

ESTIMATED COST	\$0.00
FIXED FEE	\$0.00
TOTAL EST COST + FEE	\$0.00

ACRN AA
CIN: DV9CAW94844000101

(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002			Lot		NSP

Data and Reports

CPFF

The Contractor shall provide data deliverables in accordance with Exhibit A
Contract Data Requirements Lists, DD Form 1423-1.

FOB: Destination

PURCHASE REQUEST NUMBER: DV9CAW94844

ESTIMATED COST	\$0.00
----------------	--------

FIXED FEE	\$0.00
-----------	--------

TOTAL EST COST + FEE	<u>\$0.00</u>
----------------------	---------------

Section C - Descriptions and Specifications

CLAUSES INCORPORATED BY FULL TEXT

C-01 SCOPE OF WORK (MAY 2005)

The Contractor shall perform the work specified in the Contractor's Technical Proposal identified in Section B and hereby incorporated by reference, or other Attachments and Exhibits in Section J of this contract. (Note: For contractual purposes the technical proposal is hereby equivalent to the Statement of Work (SOW).) The Contractor shall provide all necessary materials, labor, equipment and facilities incidental to the performance of this requirement.

Section D - Packaging and Marking

CLAUSES INCORPORATED BY FULL TEXT

D-01 PACKAGING AND MARKING OF TECHNICAL DATA (APR 2009)

Technical data items shall be preserved, packaged, packed, and marked in accordance with the best commercial practices to meet the packaging requirements of the carrier and insure safe delivery at destination. Classified reports, data and documentation shall be prepared for shipment in accordance with the current National Security Program Operation Manual (NISPOM), DOD 5220.22-M.

CLAUSES INCORPORATED BY FULL TEXT

D-02 PACKAGING AND MARKING OF HARDWARE ITEMS (APR 2009)

a. The contractor shall utilize best commercial practices for the preservation, packaging, marking and labeling of any hardware delivered under this contract to insure safe delivery at final destination. However, the contractor should also note the requirements of DFARS 252.211-7003, Item Identification and Valuation, if applicable.

b. Packaging and marking of hazardous materials shall comply with Title 49 of the Code of Federal Regulation and the International Maritime Dangerous Goods.

c. MARKING INSTRUCTIONS FOR MISSILE DEFENSE AGENCY (MDA) REQUIREMENTS -- Request for marking instructions shall be submitted electronically at least 90 days prior to required delivery date, to *specialist enter either COR or PCO or both as appropriate to the acquisition.*

Office of the Secretary of Defense
Missile Defense Agency, MDA/DACV
7100 Defense Pentagon
Washington, DC 20301-7100
E-mail Address: (Contract specialist email address identified on Page 2 of the CDRL cover sheets, DD Form 1423-1, Exhibit A.)

Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	Destination	Government	Destination	Government
000101	Destination	Government	Destination	Government
0002	Destination	Government	Destination	Government

CLAUSES INCORPORATED BY REFERENCE

52.246-9	Inspection Of Research And Development (Short Form)	APR 1984
252.246-7000	Material Inspection And Receiving Report	MAR 2008

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	POP 24-JUN-2009 TO 24-JUN-2011	N/A	N/A FOB: Destination	
000101	POP 24-JUN-2009 TO 24-JUN-2011	N/A	N/A FOB: Destination	
0002	POP 24-JUN-2009 TO 24-JUN-2012	N/A	N/A FOB: Destination	

CLAUSES INCORPORATED BY REFERENCE

52.242-15 Alt I	Stop-Work Order (Aug 1989) - Alternate I	APR 1984
52.247-34	F.O.B. Destination	NOV 1991
52.247-55	F.O.B. Point For Delivery Of Government-Furnished Property	JUN 2003

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

(b)(4)

CLAUSES INCORPORATED BY FULL TEXT

G-01 CONTRACT ADMINISTRATION (APR 2009)

Notwithstanding the Contractor's responsibility for total management during the performance of this contract, the administration of the contract will require maximum coordination between the Government and the Contractor. The following individuals will be the Government points of contact during the performance of this contract:

a. CONTRACTING OFFICERS

All contract administration will be effected by the Procuring Contracting Officer (PCO) or designated Administrative Contracting Officer (ACO). Communication pertaining to the contract administration should be addressed to the Contracting Officer. Contract administration functions (see FAR 42.302 and DFARS 242.302) are assigned to the cognizant contract administration office. No changes, deviations, or waivers shall be effective without a modification of the contract executed by the Contracting Officer or his duly authorized representative authorizing such changes, deviations, or waivers.

The point of contact for all contractual matters is:

Name: (b)(6)

Organizational Code: MDA/DACV

Telephone Number: (b)(6)

E-Mail Address: (b)(6)

b. CONTRACTING OFFICER'S REPRESENTATIVE

The Contracting Officer's Representative (COR) is not authorized to change any of the terms and conditions of the contract. The Contractor is advised that only the Contracting Officer can change or modify the contract terms or take any other action which obligates the Government. Then, such action must be set forth in a formal modification to the contract. The authority of the COR is strictly limited to him/her, without redelegation, to the specific duties set forth in his/her letter of appointment, a copy of which is furnished to the Contractor. Contractors who rely on direction from other than the Contracting Officer or a COR acting outside the strict limits of his/her responsibilities as set forth in his/her letter of appointment do so at their own risk and expense. Such actions do not bind the Government contractually. Any contractual questions shall be directed to the Contracting Officer.

The COR under this contract is:

Name: (b)(6)

Organizational Code: ARL/SEDD

Telephone Number: (b)(6)

E-Mail Address: (b)(6)

G-02 IDENTIFICATION OF CORRESPONDENCE (MAY 2005)

All correspondence and data submitted by the Contractor under this contract shall reference the contract number.

G-04 PATENT INFORMATION (MAY 2005) (TAILORED)

- a. This contract incorporates DFARS clause 252.227-7039, which implements the provisions of FAR 27.303(b)(2).
- b. The Contractor must submit the interim and final invention reports through the Administrative Contracting Officer to the Procuring Contracting Officer on DD Form 882, Report of Inventions and Subcontracts. In accordance with DFARS 252.227-7038(e)(7) and 252.227-7039, the Contractor must furnish interim reports every twelve (12) months and final reports within three (3) months after completion of the contracted work. If the Contractor fails to disclose a subject invention, the Government may invoke the withholding of payments provision in DFARS clause 252.227-7038(k), if applicable.
- c. The Contractor must include the clause at DFARS 252.227-7039 in all subcontracts with small businesses and non profit organizations, regardless of tier, for experimental, developmental, or research work.
- d. The Contractor must account for the interim and final invention reports submitted by its subcontractor(s). The Contractor's invention reports must contain a copy of each of its subcontractor's invention reports.

G-05 SUBMISSION OF PAYMENT REQUESTS USING WIDE AREA WORK FLOW – RECEIPT AND ACCEPTANCE (WAWF-RA) (APR 2009)

a. Requirement for Electronic Payment Requests by WAWF-RA

1. The Contractor shall submit all payment requests electronically in accordance with FAR Part 32. As prescribed in DFARS clause 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports, contractors shall submit all payment requests in electronic form unless the exception in the DFARS clause applies. Paper copies will no longer be processed for payment.
2. To facilitate electronic submission, contractors shall submit all payment requests through the Wide Area Work Flow-Receipt and Acceptance (WAWF-RA) System as described at <http://www.dfas.mil/contractorpay/electroniccommerce/wideareaworkflow.html> using the appropriate Service Acceptor's DoDAAC (MDA/NCR is HQ0006; JNIC is H95001, MDA/HSV is HQ0147). When using WAWF-RA, the contractor must include the Contracting Officer's Representative's (COR) e-mail in the invoice submission template in order to notify the COR that a WAWF document has been submitted for approval.

3. In accordance with Appendix F of the DFARS, at the time of each delivery of supplies or services under this contract, the contractor shall prepare and furnish to the Government the WAWF-RA electronic form in lieu of a paper copy Material Inspection and Receiving Report (MIRR), DD Form 250.

4. When requesting final payment, the Contractor must establish compliance with all terms of the contract by submitting a Final Receiving Report through WAWF-RA, or Letter of Transmittal, as applicable.

5. The WAWF Training Links are located on the Internet at <http://www.wawftraining.com/> and on the 'live' site at <https://wawf.cb.mil> under "About WAWF".

6. Questions regarding the use of the system are to be directed to the WAWF Help Desk:

DISA DECC Ogden
Electronic Business Service Desk
CONUS ONLY: 1-866-618-5988
COMMERCIAL: 801-605-7095
DSN: 338-7095
FAX COMMERCIAL: 801-605-7453
FAX DSN: 388-7453
cscassig@csd.disa.mil

b. Submission of Vouchers under Time and Materials and Cost Type Contracts

1. Contractors approved under the Defense Contract Audit Agency's (DCAA) direct billing program may submit the first and subsequent interim vouchers directly to the disbursing office. Contractors participating in the direct billing program must provide a copy of the first interim voucher to the cognizant DCAA office within 5 days of its submission to the disbursing office.

2. Upon written notification to the contractor, DCAA may rescind the direct submission authority. Upon receipt of the notice to rescind the direct submission authority, the contractor will immediately begin to submit invoices for the affected contracts to DCAA.

3. When authorized by the DCAA in accordance with DFARS 242.803(b) (i) (C), the contractor may submit interim payment requests. Such authorization does not extend to the first and final vouchers. Vouchers requesting interim payments shall be submitted no more than once every two weeks. For indefinite delivery type contracts, interim payment requests shall be submitted no more than once every two weeks for each delivery order. There shall be a lapse of no more than 90 calendar days between performance and submission of an interim payment request.

4. The contractor agrees to segregate costs incurred under this contract at the level of performance, either task or subtask, or CLIN or SUBCLIN, rather than on a total contract basis, and to submit vouchers reflecting costs incurred at that level. Vouchers shall contain summaries of work charged during the period covered, as well as overall cumulative summaries for all work invoiced to date, by line item, subline item, task or subtask. Delivery orders will be segregated by individual order.

5. Prior to final voucher submission, the contractor must submit the final report/final deliverable to the contracting officer's representative (COR) for approval. The COR will provide to the contractor an e-mail stating acceptance of the final report/final deliverable. The contractor must attach the approval to the final voucher in WAWF and forward to the cognizant DCAA office and ACO for approval.

G-07 PAYMENT INSTRUCTIONS FOR MULTIPLE ACCOUNTING CLASSIFICATION CITATIONS (APR 2009)

CLIN(s) may be funded by multiple accounting classifications. The Contractor shall segregate cost and submit vouchers as required by provision, Submission of Payment Requests Using Wide Area Work Flow – Receipt and Acceptance (WAWF-RA). The Defense Finance and Accounting Service (DFAS) shall make payments from those Accounting Classification Record Numbers (ACRNs) assigned each CLIN as described in provision Accounting and Appropriation Data.

G-10 SEGREGATION OF COSTS (MAY 2005)

For CLIN 0001, vouchers shall contain actual hours and costs by cost element (cost elements shall be at the lowest level of identification/ discrimination consistent with the Contractor's cost accounting system) and overall cumulative summaries of all work vouchered to date.

Section H - Special Contract Requirements

CLAUSES INCORPORATED BY FULL TEXT

H-01 LEVEL OF EFFORT (LOE) OR COMPLETION ORDERS – FEE DETERMINATION (APR 2009)

- a. For completion task orders, the fixed fee shall be prorated based on the percentage of work completed. If, at the end of each task order period of performance, the Contractor has not completed the task, the fee may be reduced to reconcile the fee entitlement. No additional fee shall be paid on any cost overrun.
- b. Nothing in this provision shall be construed to constitute authorization for the work not in accordance with the "LIMITATION OF FUNDS" provision of the contract. In addition, nothing in this provision shall be construed to diminish the rights of the parties pursuant to the "LIMITATION OF FUNDS" provision of this contract. Nothing in this provision shall be construed to authorize the Contractor to start work under any task order issued under this contract without authorization from the Contracting Officer.

CLAUSES INCORPORATED BY FULL TEXT

H-05 AUTHORIZED TRAVEL AND TRAVEL COSTS AS SPECIFIED UNDER A TRAVEL CLIN (APR 2009)

a. Travel. All contractor travel (non-local) that is directly billed under this contract as a specific travel CLIN (other than extended commuting travel as defined under paragraph c. below) must be approved in advance in writing by the COR or by the Procuring Contracting Officer (PCO) using MDA Form 110.

b. Extended Commuting Travel.

(1) All contractor extended commuting travel under this contract must be approved by the COR and by the PCO using MDA Form 110. Such approval will be granted only after review and government acceptance of contractor documentation showing that extended commuting travel is the most effective means of fulfilling the government's requirements – cost and other factors considered.

(2) Extended commuting travel may be authorized for up to 90 days at a time and must be authorized in advance as stated in b. (1) above.

c. Definition: Extended Commuting Travel – travel that occurs regularly in the performance of this contract where an individual or individuals travel back and forth from their normal place, or city of employment to another location or locations over a 30 day (or longer) period.

H-06 INSURANCE (MAY 2005)

In accordance with FAR Part 28.307-2, the Contractor shall maintain the types of insurance and coverage listed below:

TYPES OF INSURANCE	MINIMUM AMOUNT
Workmen's Compensation and all occupational disease	As required by State law

Employer's Liability including all occupational disease when not covered by Workmen's Compensation above	\$100,000 per accident
General Liability (Comprehensive) Bodily Injury	\$500,000 per occurrence
Automobile Liability (Comprehensive)	
Bodily Injury per person	\$200,000
Bodily Injury per accident	\$500,000
Property Damage per accident	\$ 20,000

H-08 PUBLIC RELEASE OF INFORMATION (APR 2009)

a. The policies and procedures outlined herein apply to information submitted by the Contractor and his subcontractors for approval for public release. Prior to public release, all information shall be cleared as shown in the "National Industrial Security Program Operations Manual" (DoD 5220.22-M). At a minimum, these materials may be technical papers, presentations, articles for publication and speeches or mass media material, such as press releases, photographs, fact sheets, advertising, posters, compact discs, videos, etc.

b. All materials which relate to the work performed by the contractor under this contract shall be submitted to MDA for review and approval prior to release to the public. Subcontractor public information materials shall be submitted for approval through the prime contractor to MDA.

c. The MDA review and approval process for contractors working under an MDA contract starts with the contracting officer's representative (COR).

(1) The contractor shall request a copy of MDA form "Security and Policy Review Worksheet for Public Release Review" (.pdf format) or any superseding form from the MDA.

(2) The contractor shall complete Blocks 1, 2, 3 and 6 of the Clearance Request form (or comply with the instructions of any superseding form) and submit it with materials to be cleared to the COR (see paragraph j. below). If the information was previously cleared, provide the Public Release Case Number if available and a copy of the previous document highlighting the updated information.

(3) The COR may affirm "public releaseability" by signing the Statement of Certification in Block 7 of the Clearance Request.

(4) The COR will forward the Clearance Request with the materials to be cleared to the MDA designated point of contact for Block 8 approval and submission of package to MDA/PA.

(5) The COR will notify the contractor of the agency's final decision regarding the status of the request.

d. The contractor shall submit the following to the COR at least 60 days in advance of the proposed release date:

(1) Security and Policy Review worksheet and one (1) electronic copy of the material to be reviewed.

(2) Written statement, including:

- (a) To whom the material is to be released
- (b) Desired date for public release
- (c) Statement that the material has been reviewed and approved by officials of the contractor or the subcontractor, for public release, and

- (d) The contract number.
- e. The items submitted must be complete. Photographs shall have captions.
- f. Outlines, rough drafts, marked-up copy (with handwritten notes), incorrect distribution statements, FOUO information, export controlled or ITAR information will not be accepted or cleared.
- g. Abstracts or abbreviated materials may be submitted if the intent is to determine the feasibility of going further in preparing a complete paper for clearance. However, clearance of abstracts or abbreviated materials does not satisfy the requirement for clearance of the entire paper.
- h. The MDA Director of Public Affairs (MDA/PA) is responsible for coordinating the public release review. MDA/PA will work directly with the COR if there are questions or concerns regarding submissions. MDA/PA will not work with contractors who have not gone through their COR.
- i. Once information has been cleared for public release, it is in the public domain and shall always be used in its originally cleared context and format. Information previously cleared for public release but containing new, modified or further developed information must be submitted again for public release following the steps outlined in items a. through h. above.
- j. Due to time and screening constraints, it is recommended that all "public release" packages submitted to MDA be forwarded by a commercial overnight delivery service, addressed as follows:
Missile Defense Agency/(2 letter code)
Attn: First name, Last name*
1301 South Gate Road
Arlington, VA 22202

* Insert name of COR or, if information is being forwarded by COR to MDA, insert the name of the Contracting Officer.

H-09 ORGANIZATIONAL CONFLICT OF INTEREST (OCI) (MAY 2005) (TAILORED)

- a. Purpose: The primary purpose of this clause is to aid in ensuring that:
 - (1) the Contractor's objectivity and judgment are not biased because of its present, or currently planned interests (financial, contractual, organizational, or otherwise) which relate to work under this contract;
 - (2) the Contractor does not obtain an unfair competitive advantage by virtue of its access to non-public information regarding the Government's program plans and actual or anticipated resources; and
 - (3) the Contractor does not obtain any unfair competitive advantage by virtue of its access to proprietary information belonging to others.
- b. Scope: The restrictions described herein shall apply to performance or participation by the Contractor and any of its affiliates or their successors in interest (hereinafter collectively referred to as "Contractor") in the activities covered by this clause as prime Contractor, subcontractor, co-sponsor, joint venture, consultant, or in any similar capacity. The term "proprietary information" for purposes of this clause is any information considered so valuable by its owners that it is held secret by them and their licensees. Information furnished voluntarily by the owner without limitations on its use, or which is available without restrictions from other sources, is not considered proprietary.

(1) Maintenance of Objectivity: The Contractor shall be ineligible to participate in any capacity in contracts, subcontracts, or proposals thereof (solicited or unsolicited) which stem directly from the Contractor's performance of work under this contract. Furthermore, unless so directed in writing by the Contracting Officer, the Contractor shall not perform any services under this contract on any of its own products or services, or the products or services of another firm if the Contractor is, or has been, substantially involved in their development or marketing. In addition, if the Contractor under this contract prepares a complete, or essentially complete, Statement of Work (SOW)/Statement of Objectives (SOO), or other form of technical solutions, functions, requirements or specifications document, to be used, directly or indirectly, in competitive acquisitions, the Contractor shall be ineligible to perform or participate in any capacity in any contractual effort which is based on such SOW/SOO or specifications. Nothing in this subparagraph shall preclude the Contractor from competing for follow-on contracts involving the same or similar services based on such a SOW/SOO or specification. (THIS PARAGRAPH DOES NOT APPLY TO FOLLOW-ON SBIR/STTR CONTRACTS FOR WORK AWARDED IN PHASE I OR PHASE II.)

(2) Access To and Use of Government Information: If the Contractor, in the performance of this contract, obtains access to information such as plans, policies, reports, studies, financial plans, or data which has not been released or otherwise made available to the public, the Contractor agrees that without prior written approval of the Contracting Officer, it shall not: (a) use such information for any private purpose; (b) compete for work based on such information for a period of one year after the completion of this contract, or until such information is released or otherwise made available to the public, whichever occurs first; (c) submit an unsolicited proposal to the Government which is based on such information until one (1) year after such information is released or otherwise made available to the public, or (d) release such information.

(3) Access To and Protection of Proprietary Information: The Contractor agrees that, to the extent it receives or is given access to proprietary data, trade secrets, or other confidential or privileged technical, business, or financial information (hereinafter referred to as "proprietary data") under this contract, it shall treat such information in accordance with any restrictions imposed on such information. The Contractor further agrees to enter into a written agreement for the protection of the proprietary data of others and to exercise diligent effort to protect such proprietary data from unauthorized use or disclosure. In addition, the Contractor shall obtain from each employee who has access to proprietary data under this contract, a written agreement which shall in substance provide that such employee shall not, during his/her employment by the Contractor or thereafter, disclose to others or use for their benefit, proprietary data received in connection with the work under this contract. The Contractor will educate its employees regarding the philosophy of Part 9.505-4 of the Federal Acquisition Regulation so that they will not use or disclose proprietary information or data generated or acquired in the performance of this contract except as provided herein.

c. Subcontracts: The Contractor shall include this or substantially the same clause, including this paragraph, in consulting agreements and subcontracts of all tiers. The terms "Contract", "Contractor", and "Contracting Officer", will be appropriately modified to preserve the Government's rights.

d. Representations and Disclosures:

(1) The Contractor represents that it has disclosed to the Contracting Officer, prior to award, all facts relevant to the existence or potential existence of organizational conflicts of interest as that term is used in FAR Subpart 9.5. To facilitate disclosure and Contracting Officer approval, the Contractor shall complete an OCI Analysis/Disclosure Form for each MDA, Ballistic Missile Defense (BMD), and BMD-related contract or subcontract (if there is a potential conflict of interest; form shall be requested from the Procuring Contracting Officer).

(2) The Contractor represents that if it discovers an organizational conflict of interest or potential conflict of interest after award, a prompt and full disclosure shall be made in writing to the Contracting Officer. This disclosure shall include a description of the action the Contractor has taken or proposes to take in order to avoid or mitigate such conflicts.

e. Remedies and Waiver:

(1) For breach of any of the above restrictions or for non-disclosure or misrepresentation of any relevant facts required to be disclosed concerning this contract, the Government may terminate this contract for default, disqualify the Contractor from subsequent related contractual efforts, and pursue such other remedies as may be permitted by law or this contract. If, however, in compliance with this clause, the Contractor discovers and promptly reports an organizational conflict of interest (or the potential thereof) subsequent to contract award, the Contracting Officer may terminate this contract for convenience if such termination is deemed to be in the best interest of the Government.

(2) The parties recognize that this clause has potential effects which will survive the performance of this contract and that it is impossible to foresee each circumstance to which it might be applied in the future. Accordingly, the Contractor may at any time seek a waiver from the Director, MDA, (via the Contracting Officer) by submitting a full written description of the requested waiver and the reasons in support thereof.

f. Modifications: Prior to contract modification, when the SOW/SOO or specification is changed to add new work or the period of performance is significantly increased, the Contracting Officer will request and the Contractor is required to submit either an organizational conflict of interest disclosure or an update of the previously submitted disclosure(s) or representation(s).

H-10 ENABLING CLAUSE FOR BMD INTERFACE SUPPORT (MAY 2005)

a. It is anticipated that, during the performance of this contract, the Contractor will be required to support Technical Interface/Integration Meetings (TIMS) with other Ballistic Missile Defense (BMD) Contractors and other Government agencies. Appropriate organizational conflicts of interest clauses and additional costs, if any, will be negotiated as needed to protect the rights of the Contractor and the Government.

b. Interface support deals with activities associated with the integration of the requirements of this contract into BMD system plans and the support of key Missile Defense Agency (MDA) program reviews.

c. The Contractor agrees to cooperate with BMD Contractors by providing access to technical matters, provided, however, the Contractor will not be required to provide proprietary information to non-Government entities or personnel in the absence of a non-disclosure agreement between the Contractor and such entities.

d. The Contractor further agrees to include a clause in each subcontract requiring compliance with paragraph c. above. This agreement does not relieve the Contractor of its responsibility to manage its subcontracts effectively, nor is it intended to establish privity of contract between the Government and such subcontractors.

e. Personnel from BMD Contractors or other Government agencies or Contractors are not authorized to direct the Contractor in any manner. The Contractor agrees to accept technical direction as follows: Whenever it becomes necessary to modify the contract and redirect the effort, a change order signed by the Contracting Officer, or a supplemental agreement signed by both the Contracting Officer and the Contractor, will be issued.

f. This clause shall not prejudice the Contractor or its subcontractors from negotiating separate organizational conflict of interest agreements with BMD Contractors; however, these agreements shall not restrict any of the Government's rights established pursuant to this clause or any other contract.

H-11 MDA VISIT AUTHORIZATION PROCEDURES (MAY 2005)

a. The Contractor shall submit all required visit clearances in accordance with NISPOM regulations and will forward all visit requests, identifying the contract number, to:

Office of the Secretary of Defense
Missile Defense Agency, MDA/ACC
7100 Defense Pentagon
Washington, DC 20301-7100
Telephone No.: (703) 697-8204 Facsimile No.: (703) 693-1526

b. The COR is authorized to approve visit requests for the Contracting Officer.

H-12 CONTROL OF ACCESS TO MDA SPACES AND INFORMATION SYSTEMS (MAY 2005)

a. To maintain the security of the MDA spaces and information systems, the Contractor shall notify the COR in writing whenever a prime or subcontractor employee included on the current Visit Authorization Request/Letter no longer supports this contract. This requirement shall apply to both Contractor and employee initiated termination of services and to temporary suspension of services.

b. The contractor will cooperate with COR in taking the following actions (facilitating the employee's return of all badges, keycards, and passes). Specifically, upon notification, the COR will work with the Technical Area Security Officer (TASO)/Office Security Manager (OSM) to ensure timely action to:

- (1) remove the employee from the current Visit Authorization Request/Letter;
- (2) cancel the MDA badge, keycard and Pentagon Pass issued pursuant to the Visit Authorization Request/Letter; and
- (3) terminate the MDA LAN account/access privileges.

c. The contractor shall identify the reason for and date of termination or expected period of suspension and submit the notification to the COR within five (5) working days prior to service discontinuation. For unplanned termination or suspension of services, notification shall be made on the same working day as the termination/suspension action.

H-13 ACQUISITION OF GENERAL PURPOSE EQUIPMENT

The Contractor agrees to provide all necessary general purpose equipment for the performance of this contract. The term general purpose equipment includes all general purpose office equipment and automated data/information processing equipment and software. Accordingly, the Contractor shall not purchase or lease general purpose equipment for the account of the Government without the express permission of the Contracting Officer. In no case shall the cost to the Government for leased general purpose equipment, acquired under this contract, exceed the constructive cost of ownership. Additionally, acquisition or lease of general purpose equipment, if approved by the Contracting Officer, shall be provided at cost, applicable burdens applied, exclusive of prime Contractor fee/profit of other profit centers or business units of the prime Contractor.

H-14 PERSONNEL CHANGES

- a. The Contractor shall promptly notify the Contracting Officer and Contracting Officer's Representative prior to making any changes involving foreign persons. No foreign person shall be employed on this contract without the approval of the Contracting Officer.
- b. The Contractor shall promptly notify the Contracting Officer and Contracting Officer's Representative prior to making any changes in key staff. If replacing key staff the Contractor shall adhere to the following: (1) replacement person's qualifications are equal to or better than the qualifications of the person being replaced; or (2) the added person's qualifications are equal to or better than the core capabilities of this contract. Key staff positions are defined as: Principle Investigator, Principal Engineer, or equivalent with primary employment by the prime contractor. (They must be with the firm at the time of award and during the conduct of the proposed project, unless replacement is authorized by the Contracting Officer. Primary employment means that more than one half of the principal investigator's time is spent in the employ of the small business. Primary employment with a small business concern precludes full-time employment at another organization.)
- c. All Contractor notifications must provide the name and departure date for the incumbent leaving, a complete resume for the proposed substitute, and any other pertinent information requested by the Contracting Officer. The Government shall be provided the opportunity to review the proposed substitution regarding qualifications, security matters or any other concerns which could, in its opinion, affect performance under this contract.
- d. This clause does not, in any way, abrogate the contractor's authority to hire or assign personnel as it sees fit, or its responsibility to fill key positions with qualified personnel.

H-15 (RESERVED)

H-16 (RESERVED)

H-17 (RESERVED)

H-18 (RESERVED)

H-19 (RESERVED)

H-20 (RESERVED)

H-21 (RESERVED)

H-22 (RESERVED)

H-23 (RESERVED)

H-24 (RESERVED)

H-25

PUBLIC LAW 102-564, SEC. 306. SENSE OF THE CONGRESS CONCERNING AMERICAN-MADE EQUIPMENT AND PRODUCTS.

“(a) PURCHASE OF AMERICAN-MADE EQUIPMENT AND PRODUCTS- It is the sense of the Congress that an entity that is awarded a funding agreement under the SBIR program of a Federal agency under section 9 of the

Small Business Act should, when purchasing any equipment or a product with funds provided through the funding agreement, purchase only American-made equipment and products, to the extent possible in keeping with the overall purposes of that program.

“(b) NOTICE TO SBIR AWARDEES- Each Federal agency that awards funding agreements under the SBIR program shall provide to each recipient of such an award a notice describing the sense of the Congress, as set forth in subsection (a).”

H-26

ADDITIONAL REQUIREMENTS REGARDING POTENTIAL ACCESS TO EXPORT-CONTROLLED ITEMS

Although the Government has made a determination in accordance with DFARS 204-7304, the number and diversity of Small Business Innovative Research projects is such that the choice of either the DFARS 252.204-7008 "Requirements for Contracts Involving Export-Controlled Items" clause or the DFARS 252.204-7009 "Requirements Regarding Potential Access to Export-Controlled Items" clause is not a definitive indication of whether or not export controlled items are likely to be involved in contract performance. Accordingly, the contractor shall immediately review the work to be performed under the contract, verify whether or not the Contractor will generate or need access to export controlled items; comply with DFARS 252.204-7009(c)(1) by providing notification to the the Contracting Officer; and report the results of the review in the First Phase II Quarterly Status Report.

Section I - Contract Clauses

CLAUSES INCORPORATED BY REFERENCE

52.202-1	Definitions	JUL 2004
52.203-3	Gratuities	APR 1984
52.203-5	Covenant Against Contingent Fees	APR 1984
52.203-6	Restrictions On Subcontractor Sales To The Government	SEP 2006
52.203-7	Anti-Kickback Procedures	JUL 1995
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	JAN 1997
52.203-10	Price Or Fee Adjustment For Illegal Or Improper Activity	JAN 1997
52.203-12	Limitation On Payments To Influence Certain Federal Transactions	SEP 2007
52.204-2	Security Requirements	AUG 1996
52.204-4	Printed or Copied Double-Sided on Recycled Paper	AUG 2000
52.204-7	Central Contractor Registration	APR 2008
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	SEP 2006
52.211-15	Defense Priority And Allocation Requirements	APR 2008
52.215-2	Audit and Records--Negotiation	JUN 1999
52.215-8	Order of Precedence--Uniform Contract Format	OCT 1997
52.215-10	Price Reduction for Defective Cost or Pricing Data	OCT 1997
52.215-12	Subcontractor Cost or Pricing Data	OCT 1997
52.215-15	Pension Adjustments and Asset Reversions	OCT 2004
52.215-17	Waiver of Facilities Capital Cost of Money	OCT 1997
52.215-18	Reversion or Adjustment of Plans for Postretirement Benefits (PRB) Other than Pensions	JUL 2005
52.215-19	Notification of Ownership Changes	OCT 1997
52.216-8	Fixed Fee	MAR 1997
52.219-8	Utilization of Small Business Concerns	MAY 2004
52.222-3	Convict Labor	JUN 2003
52.222-21	Prohibition Of Segregated Facilities	FEB 1999
52.222-26	Equal Opportunity	MAR 2007
52.222-35	Equal Opportunity For Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans	SEP 2006
52.222-36	Affirmative Action For Workers With Disabilities	JUN 1998
52.222-37	Employment Reports On Special Disabled Veterans, Veterans Of The Vietnam Era, and Other Eligible Veterans	SEP 2006
52.222-50	Combating Trafficking in Persons	FEB 2009
52.223-6	Drug-Free Workplace	MAY 2001
52.223-14	Toxic Chemical Release Reporting	AUG 2003
52.225-13	Restrictions on Certain Foreign Purchases	JUN 2008
52.227-1 Alt I	Authorization And Consent (Dec 2007) - Alternate I	APR 1984
52.227-2	Notice And Assistance Regarding Patent And Copyright Infringement	AUG 1996
52.227-11	Patent Rights--Ownership By The Contractor	DEC 2007
52.228-7	Insurance--Liability To Third Persons	MAR 1996
52.232-9	Limitation On Withholding Of Payments	APR 1984
52.232-17	Interest	OCT 2008
52.232-20	Limitation Of Cost	APR 1984
52.232-23 Alt I	Assignment of Claims (Jan 1986) - Alternate I	APR 1984

52.232-25	Prompt Payment	OCT 2003
52.232-33	Payment by Electronic Funds Transfer--Central Contractor Registration	OCT 2003
52.233-1	Disputes	JUL 2002
52.233-3 Alt I	Protest After Award (Aug 1996) - Alternate I	JUN 1985
52.233-4	Applicable Law for Breach of Contract Claim	OCT 2004
52.242-1	Notice of Intent to Disallow Costs	APR 1984
52.242-3	Penalties for Unallowable Costs	MAY 2001
52.242-4	Certification of Final Indirect Costs	JAN 1997
52.242-13	Bankruptcy	JUL 1995
52.243-2 Alt V	Changes--Cost-Reimbursement (Aug 1987) - Alternate V	APR 1984
52.244-2	Subcontracts	JUN 2007
52.244-5	Competition In Subcontracting	DEC 1996
52.244-6	Subcontracts for Commercial Items	MAR 2009
52.245-1	Government Property	JUN 2007
52.245-9	Use And Charges	JUN 2007
52.246-25	Limitation Of Liability--Services	FEB 1997
52.247-67	Submission Of Transportation Documents For Audit	FEB 2006
52.249-6	Termination (Cost Reimbursement)	MAY 2004
52.249-14	Excusable Delays	APR 1984
52.253-1	Computer Generated Forms	JAN 1991
252.201-7000	Contracting Officer's Representative	DEC 1991
252.203-7001	Prohibition On Persons Convicted of Fraud or Other Defense-Contract-Related Felonies	DEC 2008
252.204-7000	Disclosure Of Information	DEC 1991
252.204-7002	Payment For Subline Items Not Separately Priced	DEC 1991
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7004 Alt A	Central Contractor Registration (52.204-7) Alternate A	SEP 2007
252.204-7008	Requirements for Contracts Involving Export-Controlled Items	JUL 2008
252.208-7000	Intent To Furnish Precious Metals As Government--Furnished Material	DEC 1991
252.209-7004	Subcontracting With Firms That Are Owned or Controlled By The Government of a Terrorist Country	DEC 2006
252.215-7000	Pricing Adjustments	DEC 1991
252.215-7002	Cost Estimating System Requirements	DEC 2006
252.215-7004	Excessive Pass-Through Charges	MAY 2008
252.223-7004	Drug Free Work Force	SEP 1988
252.225-7012	Preference For Certain Domestic Commodities	DEC 2008
252.226-7001	Utilization of Indian Organizations and Indian-Owned Economic Enterprises, and Native Hawaiian Small Business Concerns	SEP 2004
252.227-7016	Rights in Bid or Proposal Information	JUN 1995
252.227-7018	Rights in Noncommercial Technical Data and Computer Software--Small Business Innovation Research (SBIR) Program	JUN 1995
252.227-7019	Validation of Asserted Restrictions--Computer Software	JUN 1995
252.227-7025	Limitations on the Use or Disclosure of Government-Furnished Information Marked with Restrictive Legends	JUN 1995
252.227-7027	Deferred Ordering Of Technical Data Or Computer Software	APR 1988
252.227-7030	Technical Data--Withholding Of Payment	MAR 2000
252.227-7037	Validation of Restrictive Markings on Technical Data	SEP 1999
252.227-7039	Patents--Reporting Of Subject Inventions	APR 1990
252.231-7000	Supplemental Cost Principles	DEC 1991

252.232-7003	Electronic Submission of Payment Requests and Receiving Reports	MAR 2008
252.232-7010	Levies on Contract Payments	DEC 2006
252.235-7011	Final Scientific or Technical Report	NOV 2004
252.243-7002	Requests for Equitable Adjustment	MAR 1998
252.244-7000	Subcontracts for Commercial Items and Commercial Components (DoD Contracts)	MAR 2000
252.247-7023	Transportation of Supplies by Sea	MAY 2002
252.247-7024	Notification Of Transportation Of Supplies By Sea	MAR 2000

CLAUSES INCORPORATED BY FULL TEXT

52.216-7 ALLOWABLE COST AND PAYMENT (DEC 2002)

(a) Invoicing.

(1) The Government will make payments to the Contractor when requested as work progresses, but (except for small business concerns) not more often than once every 2 weeks, in amounts determined to be allowable by the Contracting Officer in accordance with Federal Acquisition Regulation (FAR) subpart 31.2 in effect on the date of this contract and the terms of this contract. The Contractor may submit to an authorized representative of the Contracting Officer, in such form and reasonable detail as the representative may require, an invoice or voucher supported by a statement of the claimed allowable cost for performing this contract.

(2) Contract financing payments are not subject to the interest penalty provisions of the Prompt Payment Act. Interim payments made prior to the final payment under the contract are contract financing payments, except interim payments if this contract contains Alternate I to the clause at 52.232-25.

(3) The designated payment office will make interim payments for contract financing on the 30th (Contracting Officer insert day as prescribed by agency head; if not prescribed, insert "30th") day after the designated billing office receives a proper payment request.

In the event that the Government requires an audit or other review of a specific payment request to ensure compliance with the terms and conditions of the contract, the designated payment office is not compelled to make payment by the specified due date.

(b) Reimbursing costs. (1) For the purpose of reimbursing allowable costs (except as provided in subparagraph (b)(2) of the clause, with respect to pension, deferred profit sharing, and employee stock ownership plan contributions), the term "costs" includes only--

(i) Those recorded costs that, at the time of the request for reimbursement, the Contractor has paid by cash, check, or other form of actual payment for items or services purchased directly for the contract;

(ii) When the Contractor is not delinquent in paying costs of contract performance in the ordinary course of business, costs incurred, but not necessarily paid, for--

(A) Supplies and services purchased directly for the contract and associated financing payments to subcontractors, provided payments determined due will be made--

(1) In accordance with the terms and conditions of a subcontract or invoice; and

(2) Ordinarily within 30 days of the submission of the Contractor's payment request to the Government;

(B) Materials issued from the Contractor's inventory and placed in the production process for use on the contract;

(C) Direct labor;

(D) Direct travel;

(E) Other direct in-house costs; and

(F) Properly allocable and allowable indirect costs, as shown in the records maintained by the Contractor for purposes of obtaining reimbursement under Government contracts; and

(iii) The amount of financing payments that have been paid by cash, check, or other forms of payment to subcontractors.

(2) Accrued costs of Contractor contributions under employee pension plans shall be excluded until actually paid unless--

(i) The Contractor's practice is to make contributions to the retirement fund quarterly or more frequently; and

(ii) The contribution does not remain unpaid 30 days after the end of the applicable quarter or shorter payment period (any contribution remaining unpaid shall be excluded from the Contractor's indirect costs for payment purposes).

(3) Notwithstanding the audit and adjustment of invoices or vouchers under paragraph (g) of this clause, allowable indirect costs under this contract shall be obtained by applying indirect cost rates established in accordance with paragraph (d) of this clause.

(4) Any statements in specifications or other documents incorporated in this contract by reference designating performance of services or furnishing of materials at the Contractor's expense or at no cost to the Government shall be disregarded for purposes of cost-reimbursement under this clause.

(c) Small business concerns. A small business concern may receive more frequent payments than every 2 weeks.

(d) Final indirect cost rates. (1) Final annual indirect cost rates and the appropriate bases shall be established in accordance with Subpart 42.7 of the Federal Acquisition Regulation (FAR) in effect for the period covered by the indirect cost rate proposal.

(2)(i) The Contractor shall submit an adequate final indirect cost rate proposal to the Contracting Officer (or cognizant Federal agency official) and auditor within the 6-month period following the expiration of each of its fiscal years. The Contractor shall support its proposal with adequate supporting data.

(ii) The proposed rates shall be based on the Contractor's actual cost experience for that period. The appropriate Government representative and the Contractor shall establish the final indirect cost rates as promptly as practical after receipt of the Contractor's proposal.

(3) The Contractor and the appropriate Government representative shall execute a written understanding setting forth the final indirect cost rates. The understanding shall specify (i) the agreed-upon final annual indirect cost rates, (ii) the bases to which the rates apply, (iii) the periods for which the rates apply, (iv) any specific indirect cost items treated as direct costs in the settlement, and (v) the affected contract and/or subcontract, identifying any with advance agreements or special terms and the applicable rates. The understanding shall not change any monetary ceiling, contract obligation, or specific cost allowance or disallowance provided for in this contract. The understanding is incorporated into this contract upon execution.

- (4) Failure by the parties to agree on a final annual indirect cost rate shall be a dispute within the meaning of the Disputes clause.
- (5) Within 120 days (or longer period if approved in writing by the Contracting Officer) after settlement of the final annual indirect cost rates for all years of a physically complete contract, the Contractor shall submit a completion invoice or voucher to reflect the settled amounts and rates.
- (6)(i) If the Contractor fails to submit a completion invoice or voucher within the time specified in paragraph (d)(5) of this clause, the Contracting Officer may--
 - (A) Determine the amounts due to the Contractor under the contract; and
 - (B) Record this determination in a unilateral modification to the contract.
- (ii) This determination constitutes the final decision of the Contracting Officer in accordance with the Disputes clause.
- (e) Billing rates. Until final annual indirect cost rates are established for any period, the Government shall reimburse the Contractor at billing rates established by the Contracting Officer or by an authorized representative (the cognizant auditor), subject to adjustment when the final rates are established. These billing rates--
 - (1) Shall be the anticipated final rates; and
 - (2) May be prospectively or retroactively revised by mutual agreement, at either party's request, to prevent substantial overpayment or underpayment.
- (f) Quick-closeout procedures. Quick-closeout procedures are applicable when the conditions in FAR 42.708(a) are satisfied.
- (g) Audit. At any time or times before final payment, the Contracting Officer may have the Contractor's invoices or vouchers and statements of cost audited. Any payment may be (1) reduced by amounts found by the Contracting Officer not to constitute allowable costs or (2) adjusted for prior overpayments or underpayments.
- (h) Final payment. (1) Upon approval of a completion invoice or voucher submitted by the Contractor in accordance with paragraph (d)(4) of this clause, and upon the Contractor's compliance with all terms of this contract, the Government shall promptly pay any balance of allowable costs and that part of the fee (if any) not previously paid.
 - (2) The Contractor shall pay to the Government any refunds, rebates, credits, or other amounts (including interest, if any) accruing to or received by the Contractor or any assignee under this contract, to the extent that those amounts are properly allocable to costs for which the Contractor has been reimbursed by the Government. Reasonable expenses incurred by the Contractor for securing refunds, rebates, credits, or other amounts shall be allowable costs if approved by the Contracting Officer. Before final payment under this contract, the Contractor and each assignee whose assignment is in effect at the time of final payment shall execute and deliver--
 - (i) An assignment to the Government, in form and substance satisfactory to the Contracting Officer, of refunds, rebates, credits, or other amounts (including interest, if any) properly allocable to costs for which the Contractor has been reimbursed by the Government under this contract; and
 - (ii) A release discharging the Government, its officers, agents, and employees from all liabilities, obligations, and claims arising out of or under this contract, except--
 - (A) Specified claims stated in exact amounts, or in estimated amounts when the exact amounts are not known;

(B) Claims (including reasonable incidental expenses) based upon liabilities of the Contractor to third parties arising out of the performance of this contract; provided, that the claims are not known to the Contractor on the date of the execution of the release, and that the Contractor gives notice of the claims in writing to the Contracting Officer within 6 years following the release date or notice of final payment date, whichever is earlier; and

(C) Claims for reimbursement of costs, including reasonable incidental expenses, incurred by the Contractor under the patent clauses of this contract, excluding, however, any expenses arising from the Contractor's indemnification of the Government against patent liability.

(End of clause)

52.222-2 PAYMENT FOR OVERTIME PREMIUMS (JUL 1990)

(a) The use of overtime is authorized under this contract if the overtime premium cost does not exceed **ZERO DOLLARS (\$0)**; HOWEVER, SEE FOLLOWING or the overtime premium is paid for work --

- (1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;
- (2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;
- (3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or
- (4) That will result in lower overall costs to the Government.

(b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall--

- (1) Identify the work unit; e.g., department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;
- (2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;
- (3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and
- (4) Provide reasons why the required work cannot be performed by using multishift operations or by employing additional personnel.

(End of clause)

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): <http://farsite.hill.af.mil/>

(End of clause)

252.227-7017 IDENTIFICATION AND ASSERTION OF USE, RELEASE, OR DISCLOSURE
RESTRICTIONS. (JUN 1995)

(a) The terms used in this provision are defined in following clause or clauses contained in this solicitation--

(1) If a successful offeror will be required to deliver technical data, the Rights in Technical Data--Noncommercial Items clause, or, if this solicitation contemplates a contract under the Small Business Innovative Research Program, the Rights in Noncommercial Technical Data and Computer Software--Small Business Innovative Research (SBIR) Program clause.

(2) If a successful offeror will not be required to deliver technical data, the Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation clause, or, if this solicitation contemplates a contract under the Small Business Innovative Research Program, the Rights in Noncommercial Technical Data and Computer Software--Small Business Innovative Research (SBIR) Program clause.

(b) The identification and assertion requirements in this provision apply only to technical data, including computer software documents, or computer software to be delivered with other than unlimited rights. For contracts to be awarded under the Small Business Innovative Research Program, the notification requirements do not apply to technical data or computer software that will be generated under the resulting contract. Notification and identification is not required for restrictions based solely on copyright.

(c) Offers submitted in response to this solicitation shall identify, to the extent known at the time an offer is submitted to the Government, the technical data or computer software that the Offeror, its subcontractors or suppliers, or potential subcontractors or suppliers, assert should be furnished to the Government with restrictions on use, release, or disclosure.

(d) The Offeror's assertions, including the assertions of its subcontractors or suppliers or potential subcontractors or suppliers shall be submitted as an attachment to its offer in the following format, dated and signed by an official authorized to contractually obligate the Offeror:

Identification and Assertion of Restrictions on the Government's Use, Release, or Disclosure of Technical Data or Computer Software.

The Offeror asserts for itself, or the persons identified below, that the Government's rights to use, release, or disclose the following technical data or computer software should be restricted:

Technical Data or Computer Software to be Furnished	Name of Person Asserting
With Restrictions *	Basis for Assertion ** Asserted Rights Category *** Restrictions ****
(LIST) *****	(LIST) (LIST) (LIST)

*For technical data (other than computer software documentation) pertaining to items, components, or processes developed at private expense, identify both the deliverable technical data and each such items, component, or process. For computer software or computer software documentation identify the software or documentation.

**Generally, development at private expense, either exclusively or partially, is the only basis for asserting restrictions. For technical data, other than computer software documentation, development refers to development of the item, component, or process to which the data pertain. The Government's rights in computer software

documentation generally may not be restricted. For computer software, development refers to the software. Indicate whether development was accomplished exclusively or partially at private expense. If development was not accomplished at private expense, or for computer software documentation, enter the specific basis for asserting restrictions.

***Enter asserted rights category (e.g., government purpose license rights from a prior contract, rights in SBIR data generated under another contract, limited, restricted, or government purpose rights under this or a prior contract, or specially negotiated licenses).

***Corporation, individual, or other person, as appropriate.

****Enter "none" when all data or software will be submitted without restrictions.

Date _____

Printed Name and Title _____

Signature _____

(End of identification and assertion)

(e) An offeror's failure to submit, complete, or sign the notification and identification required by paragraph (d) of this provision with its offer may render the offer ineligible for award.

(f) If the Offeror is awarded a contract, the assertions identified in paragraph (d) of this provision shall be listed in an attachment to that contract. Upon request by the Contracting Officer, the Offeror shall provide sufficient information to enable the Contracting Officer to evaluate any listed assertion.

(End of provision)

252.235-7010 Acknowledgment of Support and Disclaimer. (MAY 1995)

(a) The Contractor shall include an acknowledgment of the Government's support in the publication of any material based on or developed under this contract, stated in the following terms: This material is based upon work supported by the MISSILE DEFENSE AGENCY under Contract No. CURRENT CONTRACT NUMBER (PIIN) IDENTIFIED IN BLOCK 2 OF SF26].

(b) All material, except scientific articles or papers published in scientific journals, must, in addition to any notices or disclaimers by the Contractor, also contain the following disclaimer: Any opinions, findings and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the MISSILE DEFENSE AGENCY.

Section J - List of Documents, Exhibits and Other Attachments

Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Exhibit A	Contract Data Requirements List, DD Form 1423-1	1 - 12	June 23, 2009

CONTRACT DATA REQUIREMENTS LIST

FOR

HgCdTe Detectors Under Non-Equilibrium Conditions for High Operating Temperatures

DATE

June 23, 2009

PREPARED BY

MISSILE DEFENSE AGENCY

A. INTRODUCTION

The Contract Data Requirements List (CDRL) is prepared in a word processing format to increase the efficiency of electronic development and transmission. Block numbering and titles remain as used in the DD Form 1423 as derived from *Procedures for the Acquisition and Management of Technical Data*, DoD 5010.12-M.

B. APPLICABLE DOCUMENTS

DoDD 5230.24, *Distribution Statements on Technical Documents*, March 18, 1987.

DoDD 5230.25, *Withholding of Unclassified Technical Data From Public Disclosure*, November 6, 1984

C. AUTHORITIES (BLOCK 4)

Data Item Descriptions (DIDs) entered in CDRL blocks 2 and 4 are selected from the Acquisition Streamlining and Standardization Information System (ASSIST) data base available at <http://assist.daps.dla.mil/>. The application of any DID tailoring is indicated by addition of the suffix "T" to the DID number entered in Block 4. Such tailoring is accomplished to relax format requirements or conform the data requirement to those requirements contained in the Statement of Work (SOW).

D. APPROVAL (BLOCK 8)

Selected data will require approval before their submission is considered final. The approving authority shall be the Contracting Officer's Representative (COR) as indicated by the first addressee entry of Block 14.a. The use of "N/A" in Block 8 does not forfeit or otherwise affect the Government's right to consider unacceptable any submission of data that does not comply with the contract requirements.

E. DATA DELIVERY DUE DATES (BLOCKS 12 AND 13)

Data will be considered delinquent when not physically arriving or electronically available at the distribution destination on the date(s) specified. Unless otherwise indicated, references to "days" are calendar days.

F. DEFINITIONS OF ACRONYMS AND ABBREVIATIONS

<u>Entry</u>	<u>Definition</u>
E	Electronic Submission
M	Mailed Submission
N/A	Not applicable
ASREQ	As required
1T	One time
DD	Destination Inspection and Acceptance

G. ADDRESSEE LIST

<u>Block 14 Entry</u>	<u>Address</u>
MDA/DV	Email: SBIRSTTR@MDA.MIL DODAAC: HQ0006
MDA/DACV	Email: CO.SBIRSTTR@MDA.MIL DODAAC: HQ0006
COR	(b)(6) ARL/SEDD (b)(6)
DCMA ACO	Email: DCMALOSANGELES@DCMA.MIL DODAAC: S0512A
DTIC	Defense Technical Information Center ATTN: DTIC-OA (SBIR/STTR) 8725 John J. Kingman Road Fort Belvoir, VA 22060-6218 Email For Unclassified-Unlimited Documents Only: TR@dtic.mil

H. REQUIRING OFFICE AND BLOCK 6 ENTRY

MDA/DACV	Applicable MDA Director (or designated focal point) to which requests for distribution of reports to other than U.S. Government agencies are to be submitted, routed through the MDA COR or Contracting Officer (when COR is external to MDA NCR).
----------	--

I. ELECTRONIC SUBMISSION

UNCLASSIFIED FIRST AND FINAL STATUS AND CONTRACT SUMMARY REPORTS SHALL BE SUBMITTED ELECTRONICALLY IN THEIR ENTIRETY TO THE CONTRACT'S COR, MDA/DACS, MDA/DACV, AND THE DCMA ACO. UNCLASSIFIED INTERIM STATUS AND CONTRACT SUMMARY REPORTS SHALL BE SUBMITTED ELECTRONICALLY IN THEIR ENTIRETY TO THE CONTRACT'S COR WITH THEIR RESPECTIVE COVER LETTERS OR LETTERS OF TRANSMITTAL SUBMITTED ELECTRONICALLY TO MDA/DACS, MDA/DACV, AND THE DCMA ACO.

ALL DELIVERABLES SHALL BE IN MICROSOFT OFFICE OR ADOBE ACROBAT FORMAT.

Contractors shall:

Complete a *Standard Form (SF) 298, Report Documentation Page* to accompany each report deliverable. A fillable SF298 is available at <http://www.dtic.mil/dtic/submit/howtosubmit/howtosubmit.html>. Information entered on the SF298 must match the information and markings on the report cover.

Mark the document cover with the following *SBIR/STTR Distribution Statement* which is the default for SBIR/STTR deliverables. Distribution Statements control who is authorized to receive the report without further approval from the controlling office.

Distribution B: Distribution authorized to U.S. Government Agencies Only; Proprietary Information (DFARS – SBIR/STTR Data Rights); [Date of the report]. Other requests for this document shall be referred to [Missile Defense Agency, Contracts Directorate, 7100 Defense Pentagon, Washington DC 20301-7100.

I. ELECTRONIC SUBMISSION (Cont...)

An alternate distribution statement shall be used if it is determined that the report is subject to Export Control. Insert "Critical Technology" into the default distribution statement after "Proprietary Information" (DFARS-SBIR/STTR Data Rights).

Distribution B: Distribution authorized to U.S. Government Agencies Only; Proprietary Information (DFARS – SBIR/STTR Data Rights) and Critical Technology; [Date of the report]. Other requests for this document shall be referred to [Missile Defense Agency, Contracts Directorate, 7100 Defense Pentagon, Washington DC 20301-7100.

Add the *Export Control Warning* on the document cover and append the full *Notice* as required by DoDD5230.25 Enclosure 5; see <http://www.dtic.mil/whs/directives/corres/pdf/523025p.pdf>.

DTIC Electronic Submission Procedures:

As specified, certain report deliverables (final reports, etc.) shall be submitted to the Defense Technical Information Center (DTIC). For the latest DTIC guidance, tab on "Submit Documents" at <http://www.dtic.mil/>. DTIC provides tutorials about SBIR/STTR Technical Report preparation at <http://www.dtic.mil/dtic/submit/guidance/tutorialsandotherguidance.html>

DTIC prefers to receive documents electronically and accepts a variety of formats: MS Word, Excel, PowerPoint, WordPerfect, ASCII Text, Rich Text and PDF.

For convenience, DTIC also offers the SBIR/STTR Technical Reports Submission Toolkit <http://www.dtic.mil/trtoolkit/>. This web-based application is a step-by-step guide of how to complete the Report Documentation Page (SF298) and securely transfer it and the document to DTIC.

DTIC also accepts SBIR/STTR reports on CD or DVD; mail to:
Defense Technical Information Center
ATTN: DTIC-OA (SBIR/STTR)
8725 John J. Kingman Rd
Fort Belvoir, VA 22060-6218

To access DTIC unclassified/unlimited, or even potentially limited, data:

DTIC provides valuable technical information to small technology companies engaged in early-stage R&D projects for the Department of Defense Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs.

Complete the online registration form <http://www.dtic.mil/dtic/registration/contractors/sbirreg.html> by following the Step by Step Instructions for SBIR/STTR.

[illegible]

[illegible]

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					Form Approved OMB No. 0704-0188		
Public reporting burden for this collection of information is estimated to average 110 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 of these addresses. Send completed form to the Government issuing Contracting Officer for the Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY TDP TM OTHER XX			
D. SYSTEM/ITEM (See CDRL Cover Page)		E. CONTRACT/PR. NO (See CDRL Cover Page)		F. CONTRACTOR (See CDRL Cover Page)			
1. DATA ITEM NO. A003		2. TITLE OF DATA ITEM Contract Summary Report		3. SUBTITLE Phase II Outline and Synopsis, Phase II Interim Progress Reports			
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-80447A, 8 Sep 2006		5. CONTRACT REFERENCE SOW		6. REQUIRING OFFICE MDA/DACV			
7. DD 250 REQ E		9. DIST STATEMENT REQUIRED See Block 16		10. FREQUENCY ASREQ		12. DATE OF FIRST SUBMISSION See Block 16	
8. APP CODE See Block 16		11. AS OF DATE See Block 16		13. DATE OF SUBSEQUENT SUBMISSION See Block 16		14. DISTRIBUTION a. ADDRESSEE b. COPIES	
16. REMARKS Phase II Outline and Synopsis Report: An Outline and Synopsis Phase II Report shall be delivered to the COR for review and comment 90 calendar days after beginning of contract. This report shall outline and synopsize the critical information to be presented in the Final Report. All Technical Data Rights to be claimed by the Contractor and preserved for the Government shall be included in this report. Phase II Interim Progress Report: An Interim Status Report shall be delivered to the COR for review and comment at 12 months after beginning of the contract. The annual Interim Report shall outline and synopsis the critical information to be presented in the Final Report. All Technical Data Rights to be claimed by the Contractor and preserved for the Government shall be updated in the Interim Reports. Block 4: Reference is available at: http://assist.daps.dla.mil/quicksearch/basic_profile.cfm?ident number=205002 Block 9: DISTRIBUTION B: Distribution authorized to U.S. Government Agencies only; Proprietary Information (DFARS-SBIR Data Rights) and Critical Technology, (report date). Other requests for this document shall be referred to Missile Defense Agency (MDA/DA), Contracts Directorate, 7100 Defense Pentagon, Washington, DC 20301-7100.				MDA/DV		Orig	Copy
				MDA/DACV		E	
				ACO		E	
				COR		E	
G. PREPARED BY MDA/DACV		H. DATE 6 MAR 2009		I. APPROVED BY (b)(6)		J. DATE 10 MAR 2009	

[illegible]

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 110 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 of these addresses. Send completed form to the Government issuing Contracting Officer for the Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY TDP TM OTHER XX			
D. SYSTEM/ITEM (See CDRL Cover Page)		E. CONTRACT/PR. NO. (See CDRL Cover Page)		F. CONTRACTOR (See CDRL Cover Page)			
1. DATA ITEM NO. A005		2. TITLE OF DATA ITEM Contract Summary Report			3. SUBTITLE Phase III Plan		
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-80447A, 8 Sep 2006			5. CONTRACT REFERENCE SOW		6. REQUIRING OFFICE MDA/DACV		
7. DD 250 REQ E		9. DIST STATEMENT REQUIRED See Block 16		10. FREQUENCY 1T		12. DATE OF FIRST SUBMISSION See Block 16	
8. APP CODE See Block 16		11. AS OF DATE See Block 16		13. DATE OF SUBSEQUENT SUBMISSION See Block 16		14. DISTRIBUTION a. ADDRESSEE b. COPIES Draft Final Orig Copy	
16. REMARKS A Phase III plan, limited to 5 pages, shall be delivered at completion of the contract to allow the Government to gain a better understanding of what the SBIR contractor plans to accomplish under a Phase III effort. This plan along, with the Phase II Final Report, will be used to decide whether or not a full Phase III proposal will be requested. The following should be used as a format for the Phase III Plan: 1. The cover (which will not count as a page) should have the Proposal Title, Principal Investigator, (with phone and e-mail), Phase II contract number, Phase II award start and end dates, and the name of the Government Technical Monitor (COR). 2. The body of plan should include all of the following: a brief reference of the relevant Phase II solicitation topic and technical objective, a detailed description of the proposed Phase III objective, work plan, anticipated benefits, transition plans, commercialization applications, any matching dollars that will be applied to the Phase III effort, qualifications of key personnel, proposed facilities/equipment, and estimated costs. The potential to transition the technology into the MDA Ballistic Missile Defense Program is a critical evaluation criterion. Detailed plans describing how the technology will be transitioned along with your success in transition past SBIR/STTR or other work will be included as part of this evaluation. 3. The Contractor may include discussions of related work and the company's ability to successfully transition other efforts, but this will be included as part of the 5-page limit. 4. You may attach letters of endorsement from within the DoD or private sector which discuss the direct benefit of the technology to them and their intent of follow on funding under a Phase III award. Letters of endorsement are strongly encouraged and are important to show a clear MDA need for the technology and an indication from the transition partners that they are on board and support the technology. Letters of endorsement will not be counted towards your 5-page limit. Block 4: Reference is available at: http://assist.daps.dla.mil/quicksearch/basic_profile.cfm?ident_number=205002 Block 9: DISTRIBUTION B: Distribution authorized to U.S. Government Agencies only; Proprietary Information (DFARS-SBIR Data Rights) and Critical Technology, (report date). Other requests for this document shall be referred to Missile Defense Agency (MDA/DA), Contracts Directorate, 7190 Defense Pentagon, Washington, DC 20301-7100.							
G. PREPARED BY MDA/DACV		H. DATE 6 MAR 2009		I. APPROVED BY (b)(6) MDA		J. DATE 10 MAR 2009	

DD Form 1423-1, JUN 90
1007/183

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 110 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 of these addresses. Send completed form to the Government issuing Contracting Officer for the Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY TDP TM OTHER XX			
D. SYSTEM/ITEM (See CDRL Cover Page)		E. CONTRACT/PR. NO. (See CDRL Cover Page)		F. CONTRACTOR (See CDRL Cover Page)			
1. DATA ITEM NO. A007	2. TITLE OF DATA ITEM Computer Product Software End Items			3. SUBTITLE Product Description			
4. AUTHORITY (Data Acquisition Document No.) DI-MCCR-80700, 26 Oct 1988		5. CONTRACT REFERENCE SOW		6. REQUIRING OFFICE (See CDRL Cover Sheet 2 of 3)			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED See Block 16	10. FREQUENCY 1T	12. DATE OF FIRST SUBMISSION See Block 16	14. DISTRIBUTION			
8. APP CODE See Block 16		11. AS OF DATE See Block 16	13. DATE OF SUBSEQUENT SUBMISSION See Block 16	a. ADDRESSEE		b. COPIES	
						Draft Final	
						Orig Copy	
16. REMARKS All software developed by the contractor shall have source code, documentation, and operation instructions delivered to the Government and be completely maintainable and modifiable (this does not apply to Commercially Off the Shelf software). Block 4: Reference is available at: http://assist.daps.dia.mil/quicksearch/basic_profile.cfm?ident_number=204928 Block 9: DISTRIBUTION B: Distribution authorized to U.S. Government Agencies only; Proprietary Information (DFARS-SBIR Data Rights) and Critical Technology, (report date). Other requests for this document shall be referred to Missile Defense Agency (MDA/DA), Contracts Directorate, 7100 Defense Pentagon, Washington, DC 20301-7100. Blocks 12 & 13: The software documentation shall be delivered along with the software.				MDA/DV		E	
				MDA/DACV		F	
				ACO		E	
				COR		E	
				DTIC		M	
G. PREPARED BY MDA/DACV				H. DATE 6 MAR 2009		I. APPROVED BY (b)(6)	
						DATE 10 MAR 2009	

DD Form 1423-1, JUN 90
1007/183

Small Business Innovative Research (SBIR) Program Proposal Cover Sheet

Knowingly and willfully making any false, fictitious, or fraudulent statements or representations may be a felony under the Federal Criminal False Statement Act (18 USC Sec 1001), punishable by a fine of up to \$10,000, up to five years in prison, or both.

Proposal Number: B2-1579 **Agency:** MDA **DUNS:** 068568588
Phase I Proposal Number: B073-015-0112 **CAGE:** 1LBM3
Topic Number: MDA07-015 **Command:**
Proposal Title: HgCdTe Detectors Under Non-Equilibrium Conditions for High Operating Temperatures
Firm: EPIR Technologies Inc
Mail Address: 590 Territorial Drive, Suite B
 Bolingbrook, IL 60440-4881

Proposed Cost: 999999 **Phase:** II **Duration:** 24

Business Certification:

Are you a small business as defined in paragraph 2.2? YES
 Number of employees including all affiliates (average for preceding 12 months): 40
 Are you a socially or economically disadvantaged business as defined in paragraph 2.3? NO
 Are you a woman-owned small business as described in paragraph 2.4? NO
 Are you a certified HUBZone small business concern as described in paragraph 2.9? NO
 Are you a service-disabled veteran-owned small business as described in paragraph 2.11? NO
 Are you a veteran-owned small business as described in paragraph 2.12? NO
 Are you proposing to use a Federal facility or FFRDC? NO
 Is more than 50 percent of your firm owned or managed by a corporate entity? NO
 Are you proposing to use foreign nationals as defined in paragraph 2.15 for work under the proposed effort? NO
 At a minimum, will one-half of the research and/or analytical work in Phase II be carried out by your small business as described in paragraph 1.3? YES
 Is primary employment of the principal investigator (identified below) with your firm as required in paragraph 1.3? YES
 Is a Historically Black College or University or Minority Institution (HBCU/MI) participating in this effort as a teaming partner or subcontractor? NO
 If yes, name of HBCU/MI:
 Has a proposal for essentially equivalent work been submitted to other US government agencies or DoD components? NO
 If yes, list the name(s) of the agency or DoD component and Topic Number:

Project Manager/Principal Investigator

Name: (b)(6)
Title: Director of R&D/Senior Scientist
Phone: (b)(6)
Fax: (b)(6)
E-Mail: (b)(6)

Corporate Official (Business)

Name: (b)(6)
Title: President
Phone: (b)(6)
Fax: (b)(6)
E-Mail: (b)(6)

For any purpose other than to evaluate the proposal, this data except proposal cover sheets shall not be disclosed outside the Government and shall not be duplicated, used or disclosed in whole or in part, provided that if a contract is awarded to this proposer as a result of or in connection with the submission of this data, the Government shall have the right to duplicate, use or disclose the data to the extent provided in the funding agreement. This restriction does not limit the Government's right to use information contained in the data if it is obtained from another source without restriction. The data subject to this restriction is contained on the pages of the proposal listed on the line below.

Proprietary Information (list page numbers):

Signature of Principal Investigator Date_____
Corporate Business Official_____
Date

Technical Abstract (Limit your abstract to 200 words with no classified or proprietary information/data.)

(b)(4)



Anticipated Benefits/Potential Commercial Applications of the Research or Development.

Some of the potential applications that are defense-related include proximity fuses, smart bombs, enemy target detection, infrared countermeasure systems against the threat of missiles, LIDARs, night vision in the battlefield theater, and land-mine detection. Medical applications include non-invasive thermal imaging for the diagnosis of breast cancer and other life threatening diseases, and industrial applications include non-destructive testing, thermal leak detection, process control, remote sensing, and free space communication.

List a maximum of 8 Key Words that describe the Project.

HgCdTe, molecular beam epitaxy, non-equilibrium operation, high operating temperature, Auger suppression, FPA, LWIR, MWIR

Signature not required at time of submission (see section 6.1).

SMALL BUSINESS INNOVATIVE
RESEARCH (SBIR) PROGRAM
PROPOSAL NUMBER B2-1579

PAGES 43 – 88

WITHHELD IN TOTAL

FOIA EXEMPTION (b)(4)

Small Business Innovation Research (SBIR) Program Cost Proposal

Firm: EPIR Technologies Inc
Address: 590 Territorial Drive, Suite B
Bolingbrook, IL 60440-4881

Location Where
Work Will Be Bolingbrook, IL
Performed:

Proposal #: B2-1579

Title of Proposed Effort: HgCdTe Detectors Under Non-Equilibrium
Conditions for High Operating Temperatures

Firm's Taxpayer ID:

(b)(6)

CAGE Code: 1LBM3

DUNS: 068568588

Topic Number: MDA07-015

TOTAL DOLLAR AMOUNT FOR THIS PROPOSAL:

\$999,999.84

DIRECT LABOR:

Category and/or Individual:

Rate/Hour:

Est.Hours:

Phase II:

Program Manager (b)(6)

(b)(4)

(b)(4)

(b)(4)

Principal Investigator (b)(6)

(b)(4)

Subtotal Direct Labor (DL):

134,066.56

Fringe Benefits, if not included in Overhead, (rate 0.0000 %) x DL =

0.00

Labor Overhead (b)(4) x (DL + Fringe) =

(b)(4)

Total Direct Labor (TDL):

DIRECT MATERIAL COSTS:

Phase II:

Subtotal Direct Materials Costs (DM):

0.00

Material Overhead (rate 0.0000 %) x DM:

0.00

Total Direct Materials Costs (TDM):

0.00

OTHER DIRECT COSTS:

Phase II:

Subcontract - DRS Technologies

(b)(4)

Subcontract - University of Michigan

Travel

Subtotal Other Direct Costs (ODC):

0.00

Direct Cost Overhead (rate 0.0000 %) x ODC

Total Other Direct Costs (TODC):

(b)(4)

G&A (b)(4) x (base: TDL+TDM+TODC)

(b)(4)

Total Cost:

Fee or Profit (b)(4)

TOTAL ESTIMATED COST:

999,999.84

Explanatory material relating to the cost proposal (including substantiation/breakout of subcontractor costs):

(b)(4)

Knowingly and willfully making any false, fictitious, or fraudulent statements or representations may be a felony under the Federal Criminal False Statement Act (18 USC Sec 1001), punishable by a fine of up to \$10,000, up to five years in prison, or both.

8/2/2010

Firm's official responsible for the cost breakdown:

Sign: _____ Date: _____
Name: (b)(6) Title: (b)(4)

>>Has any executive agency of the United States Government performed any review of your accounts or records in connection with any other government prime contract or subcontract within the past twelve months? Yes

If Yes, please provide the following:

Reviewing Office: DCAA Chicago

Individual: (b)(6) Phone: (b)(6)

Address: 635 Butterfield Rd RM 210A
Oakbrook Terrace IL 60181

>>Will you require the use of any government property in the performance of this proposal? No

>>Specify the type of payment desired: Partial payments

8/2/2010

COMPANY COMMERCIALIZATION REPORT

PAGES 91 - 97

WITHHELD IN TOTAL

FOIA EXEMPTION (b)(4)



**DEPARTMENT OF DEFENSE
MISSILE DEFENSE AGENCY
7100 DEFENSE PENTAGON
WASHINGTON, DC 20301-7100**

MDA/DACV

January 16, 2009

(b)(6)

EPIR Technologies Inc
590 Territorial Drive, Suite B
Bolingbrook, IL 60440-4881

RE: Contractor's COR Delegation Notification for SBIR Phase II
Contract #: HQ0006-09-C-7014
Title: HgCdTe Detectors Under Non-Equilibrium Conditions for High
Operating Temperatures

Dear (b)(6)

Enclosed is a memorandum that designates the following individual as the Contracting Officer's Representative (COR) for the contract referenced above:

COR: (b)(6) ARL/SEDD
U.S. Army Research Laboratory, AMSRD-ARL-SE-EI
2800 Powder Mill Road
Adelphi, MD 20783
(b)(6)
(b)(6)

Effective: Immediately

Contract #: HQ0006-09-C-7014
Contract Title: HgCdTe Detectors Under Non-Equilibrium Conditions for High
Operating Temperatures

You are reminded that pursuant to DFARS, Subpart 201.6, the COR is not authorized to make any commitments or changes that affect price, quality, delivery, or other terms and conditions of the contract. If, in the opinion of the contractor, the COR requests effort outside the scope of the contract, the contractor shall promptly notify the Contracting Officer.

Please acknowledge receipt of this delegation notification with your signature - as well as the date signed - in the "ACKNOWLEDGMENT OF RECEIPT" portion of this memorandum provided below the Contracting Officer's signature block. Once the acknowledgement has been completed, please forward a copy to MDA/DACV at your earliest possible convenience.

Should you have any questions with regard to this notification, you are more than welcome to contact the following MDA/DACV Contract Specialist:

Specialist:

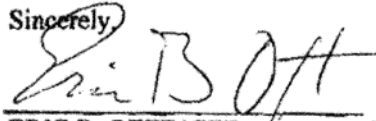
(b)(6)

MDA/DACV
7100 Defense Pentagon
Washington DC. 20301-7100

(b)(6)

Thank you, in advance, for your time and assistance.

Sincerely,



ERIC B. OTTINGER
Contracting Officer

ACKNOWLEDGEMENT OF RECEIPT

I hereby acknowledge receipt of this memorandum and the COR designation attached:

Typed Name of Contractor's
Representative

Signature

Date



**DEPARTMENT OF DEFENSE
MISSILE DEFENSE AGENCY
7100 DEFENSE PENTAGON
WASHINGTON, DC 20301-7100**

MDA/DACV

January 16, 2009

(b)(6)

EPiR Technologies Inc
590 Territorial Drive, Suite B
Bolingbrook, IL 60440-4881

RE: Contractor's COR Delegation Notification for SBIR Phase II

Contract #: HQ0006-09-C-7014

Title: HgCdTe Detectors Under Non-Equilibrium Conditions for High
Operating Temperatures

Dear (b)(6)

Enclosed is a memorandum that designates the following individual as the
Contracting Officer's Representative (COR) for the contract referenced above:

COR:

(b)(6)

ARL/SEDD

U.S. Army Research Laboratory, AMSRD-ARL-SE-EI
2800 Powder Mill Road
Adelphi, MD 20783

(b)(6)

(b)(6)

Effective: Immediately

Contract #: HQ0006-09-C-7014

Contract Title: HgCdTe Detectors Under Non-Equilibrium Conditions for High
Operating Temperatures

You are reminded that pursuant to DFARS, Subpart 201.6, the COR is not
authorized to make any commitments or changes that affect price, quality, delivery,
or other terms and conditions of the contract. If, in the opinion of the contractor, the
COR requests effort outside the scope of the contract, the contractor shall promptly
notify the Contracting Officer.

Please acknowledge receipt of this delegation notification with your signature - as well as the date signed - in the "ACKNOWLEDGMENT OF RECEIPT" portion of this memorandum provided below the Contracting Officer's signature block. Once the acknowledgement has been completed, please forward a copy to MDA/DACV at your earliest possible convenience.

Should you have any questions with regard to this notification, you are more than welcome to contact the following MDA/DACV Contract Specialist:

Specialist: (b)(6)
MDA/DACV
7100 Defense Pentagon
Washington DC, 20301-7100
(b)(6)

Thank you, in advance, for your time and assistance.

(b)(6)

Contracting Officer

ACKNOWLEDGEMENT OF RECEIPT

I hereby acknowledge receipt of this memorandum and the COR designation attached:

(b)(6)

Typed Name of Contractor's

(b)(6)

Signature

Date

1/16/09



**DEPARTMENT OF DEFENSE
MISSILE DEFENSE AGENCY
7100 DEFENSE PENTAGON
WASHINGTON, DC 20301-7100**

MDA/DACV

January 16, 2009

MEMORANDUM FOR: (b)(6)

SUBJECT: Designation of the Contracting Officer's Representative for the
Missile Defense Agency's Phase II Contract #
HQ0006-09-C-7014

In accordance with the Defense Federal Acquisition Regulation Supplement (DFARS), Subpart 201.6, you are hereby designated the Contracting Officer's Representative (COR) for the subject referenced contract.

This designation is effective through the contract's period of performance and is considered null or void only after the contract has been closed or the Contracting Officer has notified you of a change in writing.

You are hereby advised that as the contract's COR, you may be held personally responsible and liable for unauthorized commitments you make on behalf of the Government in your performance of COR responsibilities associated with this designation.

As the COR you are authorized to provide technical direction to the contractor. This includes the authority to:

- a. Monitor and determine contractor compliance with requirements set forth by the contract statement of work, terms, and conditions.
- b. Perform the inspections necessary in connection with subparagraph a. above, and require the contractor to correct all deficiencies arising from said inspections. (Document, in writing, inspections, deficiencies, and all action on any deficiencies, with copies to the contract file and contracting officer for any actions related to deficiencies and corrective action.)
- c. Maintain liaison and direct communications with the contractor and the Contracting Officer. Written communications and documents should be signed as "Contracting Officer's Representative" and a copy furnished to the Contracting Officer.

- d. Advise the Contracting Officer immediately of any performance problems with the contractor for assistance in resolving the problems.

In accordance with DFARS 201.602-2 the COR's responsibilities include the following conditions and limitations:

- a. You may not exercise responsibility at a contractor's facility that has been delegated to a contract administration office including plant representatives' offices.
- b. You may not make any commitments or changes that affect price, quality, delivery, or other terms and conditions of the Contract.
- c. This authority may not be re-delegated.

The COR is required to maintain a file for each contract assigned. This file must contain, as a minimum:

- a. A copy of the Contracting Officer's letter of designation and other documentation describing the COR's duties and responsibilities; and
- b. Copies of correspondence and documentation of actions taken in accordance with the designation of authority.

It is noted that implementation of DoD Electronic Data Access (EDA) and DFAS Wide Area Work Flow (WAWF) is in-process and that the COR will need to comply with related guidance as issued.

If, at any time, the responsibilities accompanying this COR designation are permanently forecasted for transfer to another representative, it is required IAW MDA 5010.11 that the Deputy Director or Office Chief for the organization that sponsored the contract to promptly submit a Nomination Memorandum to the Contracting Officer in writing; this must be done prior to any transfer of COR responsibilities and should include, at a minimum:

- a. The contract number, title, and period of performance;
- b. The contractor's name, primary point of contact, and contact information;
- c. An effective date for the requested nomination;
- d. The nominee's name and his or her contact information;

- e. Confirmation that the individual has met, and will continue to meet, the COR requirements set forth by MDA Instruction 5010.11-INS and Defense Federal Acquisition Regulation Supplement (DFARS) Subpart 201.602-2.

Once the Contracting Officer has issued a new COR Designation Memorandum to the nominee, it is your responsibility to transfer all files, knowledge, and correspondence associated with this contract to the new COR.

This Memorandum serves as the official notice for your designation as the COR under this contract and summarizes your responsibilities.

Please acknowledge below, with your signature and the date, receipt and acceptance of this designation, as well as the associated responsibilities, and forward to the Contracting Officer a completed copy.

Sincerely,
(b)(6)

Contracting Officer

Phase II COR DESIGNATION MEMORANDUM
ACKNOWLEDGED RECEIPT AND ACCEPTANCE

I hereby acknowledge receipt of this MDA COR Designation Memorandum, as well as the MDA COR Orientation Briefing, and accept the responsibilities associated with my COR designation under this contract. In addition, I certify that I have completed either the MDA or Defense Acquisition University (DAU) COR training within the last three (3) years and will maintain the recency and relevancy of this training.

(b)(6)

DATE

(b)(6)

From:

(b)(6)

Sent:

Wednesday, November 19, 2008 1:56 PM

To:

(b)(6)

Cc:

(b)(6)

Subject:

INITIAL E-MAIL: EPIR Technologies Inc, Proposal Number: B2-1579, Contract Number: HQ0006-09-C-7014 (UNCLASSIFIED)

Attachments:

MDA DACV SBIR STTR Reps and Certs.doc; MDA DACV SBIR STTR Instructions & Information.doc

Classification: UNCLASSIFIED

Caveats: FOUO

(b)(6)

Congratulations!

As (b)(6), the MDA SBIR/STTR Program Manager, previously communicated, your SBIR/STTR Phase II proposal has been selected for negotiation of a SBIR/STTR Phase II award.

To initiate this process, please complete the attached "MDA DACV SBIR STTR Reps & Certs" and return to MDA/DACV within the next week. Also, supporting cost data is required to allow MDA to evaluate the purpose, necessity and reasonableness of the costs proposed.

We thank you, in advance, for your time and assistance, and ask that if you have any questions that you please feel free to contact the undersigned.

(b)(6)

CACI Contracts Support

MDA/DACV

7100 Defense Pentagon

Washington DC 20301-7100

Phone:

(b)(6)

Fax:

E-mail:

**This email is a coordinating staff action on behalf of (b)(6), Director, Advanced Technology, Production & Manufacturing, Test & Evaluation Contracting (MDA/DACV). **

Classification: UNCLASSIFIED

Caveats: FOUO

(b)(6)

From: (b)(6)
Sent: Friday, June 12, 2009 12:14 PM
To: (b)(6)
Cc: (b)(6)
Subject: HQ0006-09-C-7014/Material Costs

Good Morning (b)(6)

The material costs are mostly consumables because we synthesize layers at EPIR. We will receive the ROIC from (b)(4) therefore, the ROIC is not (b)(4). Please kindly confirm receipt.

Regards,

(b)(6)

Contract Specialist

EPIR Technologies, Inc.
590 Territorial Drive, Suite B
Bolingbrook, IL 60440

(b)(6)

The contents of this email and any attachments are the proprietary property of EPIR. The information contained within is confidential and should not be shared, sold, or distributed without explicit permission of EPIR.

Tracking:

Recipient

(b)(6)

(b)(6)

(b)(6)

Read

Read: 6/12/2009 12:10 PM

(b)(6)

From: (b)(6)
Sent: Friday, June 12, 2009 1:01 PM
To: (b)(6)
Cc: (b)(6)
Subject: RE: HQ0006-09-C-7014/Material Costs (UNCLASSIFIED)
Attachments: 09-0057 EPIR Proposal.pdf

Good Afternoon (b)(6)

Please see the attached letter from DRS. Please kindly confirm receipt.

Regards,

(b)(6)

Contract Specialist

EPIR Technologies, Inc.
590 Territorial Drive, Suite B
Bolingbrook, IL 60440

(b)(6)

The contents of this email and any attachments are the proprietary property of EPIR. The information contained within is confidential and should not be shared, sold, or distributed without explicit permission of EPIR.

-----Original Message-----

From: (b)(6) MDA/DACV [mailto:(b)(6)]
Sent: Friday, June 12, 2009 12:14 PM
To: (b)(6)
Subject: RE: HQ0006-09-C-7014/Material Costs (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

(b)(6)

Looking at my file I see a note as follows:

(b)(6) "More support for DRS subcontract"

Is this a conversation that we had, or a conversation that I intended to have? Can you provide more support for the DRS subcontract?

(b)(6)

-----Original Message-----

From: (b)(6) [mailto:(b)(6)]
Sent: Friday, June 12, 2009 1:14 PM
To: (b)(6) CIV MDA/DACV
Cc: contracts@epir.com; (b)(6)
Subject: HQ0006-09-C-7014/Material Costs

Good Morning (b)(6)

The material costs are mostly consumables because we synthesize layers at EPIR. We will receive the ROIC from (b)(4) therefore, the ROIC is not (b)(4) Please kindly confirm receipt.

Regards,

(b)(6)

Contract Specialist

EPIR Technologies, Inc.

590 Territorial Drive, Suite B

Bolingbrook, IL 60440

(b)(6)

The contents of this email and any attachments are the proprietary property of EPIR. The information contained within is confidential and should not be shared, sold, or distributed without explicit permission of EPIR.

Classification: UNCLASSIFIED
Caveats: NONE

Tracking:

Recipient

(b)(6)

CIV MDA/DACV

(b)(6)

(b)(6)

Read

Read: 6/12/2009 12:57 PM

SUBMISSION OF SUPPORT PROPOSAL

PAGE 111

WITHHELD IN TOTAL

EXEMPTION (b)(4)

(b)(6)

From: (b)(6)
Sent: Tuesday, March 09, 2010 7:45 AM
To: (b)(6) CIV MDA/DACV
Cc: (b)(6)
Subject: Modification Requested/Subcontract to U of Mich - HQ0006-09-C-7014
Attachments: image001.jpg

Good Morning (b)(6)

Would you be so kind to send us the modified contract for HQ0006-09-C-7014 so we may issue the subcontract to the University of Michigan? Please kindly confirm receipt.

Regards,

(b)(6)

Contract Specialist



EPIR Technologies, Inc.
590 Territorial Drive, Suite B
Bolingbrook, IL 60440
630.771.0203 - 630.771.0204 f

The contents of this email and any attachments are the proprietary property of EPIR. The information contained within is confidential and should not be shared, sold, or distributed without explicit permission of EPIR.

From: (b)(6) [mailto:(b)(6)]
Sent: Friday, February 26, 2010 8:30 AM
To: 'Ottinner' (b)(6) CIV MDA/DACV
Cc: (b)(6)
Subject: subcontract to U of Mich - HQ0006-09-C-7014

Dear (b)(6)

You were right, University of Michigan has accepted the modified clause 252.204-7000 to read "review" rather than "approve". Could you please send us a modified contract as you indicated necessary? Also we'll include in our subcontract the H-26 verbiage: "Although the Government has made a determination in accordance with DFARS 204-7304, the number and diversity of Small Business Innovative Research projects is such that the choice of either the DFARS 252.204-7008 "Requirements for Contracts Involving Export-Controlled Items" clause or the DFARS 252.204-7009 "Requirements Regarding Potential Access to Export-Controlled Items" clause is not a definitive indication of whether or not export controlled items are likely to be involved in contract performance. Accordingly, the contractor shall immediately review the work to be performed under the contract, verify whether or not the Contractor will generate or need access to export controlled items; comply with DFARS 252.204-7009(c)(1) by providing notification to the the Contracting Officer; and report the results of the review in the First Phase II Quarterly Status Report."

Thank you,
(b)(6)

(b)(6)

Senior Scientist
Director, Operations
EPIR Technologies Inc

(b)(6)

From: (b)(6) CIV MDA/DACV (b)(6)
Sent: Wednesday, June 24, 2009 4:04 PM
To: (b)(6)
Subject: RE: CONTRACT FOR SIGNATURE: EPIR Technologies Inc, Proposal Number: B2-1579, Contract Number: HQ0006-09-C-7014 (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

(b)(6)

Since you have signed the contract, I will simply note for the record that I consider the last three CDRL items to be self-deleting if your statement of work (i.e. technical proposal) doesn't contemplate delivery of a prototype or software.

(b)(6)

Contracting Officer

-----Original Message-----

From: (b)(6) [mailto:(b)(6)]
Sent: Wednesday, June 24, 2009 4:11 PM
To: (b)(6) CIV MDA/DACV
Cc: (b)(6)
Subject: RE: CONTRACT FOR SIGNATURE: EPIR Technologies Inc, Proposal Number: B2-1579, Contract Number: HQ0006-09-C-7014 (UNCLASSIFIED)

Good Afternoon (b)(6)

Please find attached the signed pages for contract HQ0006-09-C-7014 and the signed certificate of current cost or pricing data. Please kindly confirm receipt. I look forward to working with you!

Regards,

(b)(6)

Contract Specialist

EPIR Technologies, Inc.
590 Territorial Drive, Suite B
Bolingbrook, IL 60440

(b)(6)

The contents of this email and any attachments are the proprietary property of EPIR. The information contained within is confidential and should not be shared, sold, or distributed without explicit permission of EPIR.

-----Original Message-----

From: (b)(6) CIV MDA/DACV [mailto:(b)(6)]
Sent: Wednesday, June 24, 2009 10:08 AM
To: (b)(6)
Cc: (b)(6); (b)(6)
Subject: RE: CONTRACT FOR SIGNATURE: EPIR Technologies Inc, Proposal Number:

B2-1579, Contract Number: HQ0006-09-C-7014 (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b)(6)

Contract HQ0006-09-C-70014 is attached for your review and signature.

Also, please provide a signed certificate of current cost or pricing data.

Thanks,

(b)(6)

Contracting Officer

(b)(6)

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE

(b)(6)

From: (b)(6)
Sent: Wednesday, June 24, 2009 3:11 PM
To: (b)(6)
Cc: (b)(6)
Subject: RE: CONTRACT FOR SIGNATURE: EPIR Technologies Inc, Proposal Number: B2-1579, Contract Number: HQ0006-09-C-7014 (UNCLASSIFIED)
Attachments: HQ000609C0014_Signed_062409.pdf

Good Afternoon (b)(6)

Please find attached the signed pages for contract HQ0006-09-C-7014 and the signed certificate of current cost or pricing data. Please kindly confirm receipt. I look forward to working with you!

Regards,

(b)(6)

Contract Specialist

EPIR Technologies, Inc.
590 Territorial Drive, Suite B
Bolingbrook, IL 60440

(b)(6)

The contents of this email and any attachments are the proprietary property of EPIR. The information contained within is confidential and should not be shared, sold, or distributed without explicit permission of EPIR.

-----Original Message-----

From: (b)(6) CIV MDA/DACV [mailto:(b)(6)]
Sent: Wednesday, June 24, 2009 10:08 AM
To: (b)(6)
Cc: (b)(6) (b)(6)
Subject: RE: CONTRACT FOR SIGNATURE: EPIR Technologies Inc, Proposal Number: B2-1579, Contract Number: HQ0006-09-C-7014 (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

(b)(6)

Contract HQ0006-09-C-70014 is attached for your review and signature.

Also, please provide a signed certificate of current cost or pricing data.

Thanks,

(b)(6)

Contracting Officer

(b)(6)

Classification: UNCLASSIFIED

Caveats: NONE

(b)(6)

From: (b)(6)
Sent: Saturday, January 17, 2009 9:40 AM
To: 'CO.SBIRSTTR'; (b)(6)
Cc: (b)(6)
Subject: RE: COR DELEGATION: SBIR Phase II - EPIR Technologies Inc, Proposal #: B2-1579 , Serial #: 7014 (UNCLASSIFIED)
Attachments: HQ0006-09-C-7014_COR Delegation Notification for SBIR Phase II.pdf; image001.jpg

Good Morning (b)(6)

Please find attached the COR Delegation Notification for the SBIR Phase II contract HQ0006-09-C-7014 signed by Dr. Sivananthan, President and CEO of EPIR Technologies, Inc. We look forward to receiving the contract award!

Please kindly confirm receipt.

Regards,

(b)(6)

Contract Specialist



EPIR Technologies
590 Territorial Drive, Suite B
Bolingbrook IL 60440

(b)(6)

The contents of this email and any attachments are the proprietary property of EPIR ®. The information contained within is confidential and should not be shared, sold, or distributed without explicit permission of EPIR ®.
www.epir.com

From: (b)(6) CTR MDA/DAC [mailto:(b)(6)] **On Behalf Of** CO.SBIRSTTR
Sent: Friday, January 16, 2009 1:00 PM
To: (b)(6)
Cc: (b)(6)
Subject: COR DELEGATION: SBIR Phase II - EPIR Technologies Inc, Proposal #: B2-1579 , Serial #: 7014 (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

(b)(6)

The first document attached to this e-mail is a copy of your Contracting Officer's Representative (COR) Delegation Memorandum for the subject referenced contract.

Please acknowledge receipt of this designation, and the acceptance of its associated responsibilities, via the return of your signed and dated memorandum to MDA/DACV.

(b)(6)

The second document attached to this e-mail is a cover letter to the COR's Delegation Memorandum that serves as MDA's formal notification - to your company - of this COR designation to the subject referenced contract; it is the Contractor's COR Delegation Notification Letter.

Please acknowledge receipt and acceptance of this notification via the return of your completed cover letter to MDA/DACV as well.

Gentlemen,

The third document attached to this e-mail is a copy of the Wide Area Work Flow (WAWF) information that is originally provided for by the instructions within MDA Reps and Certs. It is extremely important that you complete the WAWF training and registration as is indicated by the attached, as WAWF's use to electronically submit and approve invoices and/or receiving/acceptance reports is now mandatory IAW DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

I thank you, in advance, for your time and assistance, and look forward to the receipt of your acknowledgements.

V/r,

(b)(6)

CACI Contracts Support
MDA/DACV
7100 Defense Pentagon
Washington DC 20301-7100
Phone: (b)(6)
Fax: (b)(6)

Classification: **UNCLASSIFIED**

Caveats: NONE

(b)(6)

From: (b)(6) CTR MDA/DACV (b)(6) on behalf of
CO.SBIRSTT (b)(6)
Sent: Friday, January 16, 2009 1:00 PM
To: (b)(6) (b)(6)
Cc: (b)(6)
Subject: COR DELEGATION: SBIR Phase II - EPIR Technologies Inc, Proposal #: B2-1579 , Serial
#: 7014 (UNCLASSIFIED)
Attachments: WAWF Tutorial.doc; 7014 COR Delegation Memo.pdf; 7014 Ktr COR Delegation Ack Ltr.pdf
Follow Up Flag: Follow up
Flag Status: Completed

Classification: UNCLASSIFIED

Caveats: NONE

(b)(6)

The first document attached to this e-mail is a copy of your Contracting Officer's Representative (COR) Delegation Memorandum for the subject referenced contract.

Please acknowledge receipt of this designation, and the acceptance of its associated responsibilities, via the return of your signed and dated memorandum to MDA/DACV.

(b)(6)

The second document attached to this e-mail is a cover letter to the COR's Delegation Memorandum that serves as MDA's formal notification - to your company - of this COR designation to the subject referenced contract; it is the Contractor's COR Delegation Notification Letter.

Please acknowledge receipt and acceptance of this notification via the return of your completed cover letter to MDA/DACV as well.

Gentlemen,

The third document attached to this e-mail is a copy of the Wide Area Work Flow (WAWF) information that is originally provided for by the instructions within MDA Reps and Certs. It is extremely important that you complete the WAWF training and registration as is indicated by the attached, as WAWF's use to electronically submit and approve invoices and/or receiving/acceptance reports is now mandatory IAW DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

I thank you, in advance, for your time and assistance, and look forward to the receipt of your acknowledgements.

V/r,

(b)(6)

CACI Contracts Support
MDA/DACV
7100 Defense Pentagon
Washington DC 20301-7100
Phone: (b)(6)
Fax: (b)(6)

Classification: **UNCLASSIFIED**

Caveats: NONE

(b)(6)

From: (b)(6)
Sent: Monday, June 29, 2009 10:03 AM
To: (b)(6)
Cc: (b)(6)
Subject: FW: FULLY EXECUTED CONTRACT: EPIR Technologies Inc, Proposal Number: B2-1579, Contract Number: HQ0006-09-C-7014 (UNCLASSIFIED)
Attachments: HQ000609C0014.pdf

Good Morning (b)(6)

As requested, please find attached the contract award email.

Regards,

(b)(6)

Contract Specialist

EPIR Technologies, Inc.
590 Territorial Drive, Suite B
Bolingbrook, IL 60440

(b)(6)

The contents of this email and any attachments are the proprietary property of EPIR. The information contained within is confidential and should not be shared, sold, or distributed without explicit permission of EPIR.

From: (b)(6) CIV MDA/DACV [mailto:(b)(6)]
Sent: Wednesday, June 24, 2009 4:03 PM
To: (b)(6)
Cc: (b)(6)
Subject: FULLY EXECUTED CONTRACT: EPIR Technologies Inc, Proposal Number: B2-1579, Contract Number: HQ0006-09-C-7014 (UNCLASSIFIED)

Classification: **UNCLASSIFIED**
Caveats: NONE

(b)(6)

Attached, for your files, is a copy of the subject referenced contract award. Your company's Electronic Document Access (EDA) point of contact should also receive a notification in the very near future that details the instructions as to how he/she may view the completed document electronically at the DoD Electronic Document Access site: <http://eda.ogden.disa.mil/>

In the interim, please contact the undersigned if you have any questions or concerns with regard to this contract.

(b)(6)

Contracting Officer
(b)(6)

Classification: UNCLASSIFIED
Caveats: NONE

Tracking:

Recipient

(b)(6)	
(b)(6)	
(b)(6)	

Read

Read: 6/29/2009 11:55 AM

(b)(6)

From: (b)(6) CIV MDA/DACV (b)(6)
Sent: Wednesday, June 24, 2009 4:03 PM
To: (b)(6)
Cc: (b)(6)
Subject: FULLY EXECUTED CONTRACT: EPIR Technologies Inc, Proposal Number: B2-1579,
Contract Number: HQ0006-09-C-7014 (UNCLASSIFIED)
Attachments: HQ000609C0014.pdf

Classification: **UNCLASSIFIED**
Caveats: NONE

(b)(6)

Attached, for your files, is a copy of the subject referenced contract award.
Your company's Electronic Document Access (EDA) point of contact should also receive a notification in the very near future that details the instructions as to how he/she may view the completed document electronically at the DoD Electronic Document Access site: <http://eda.ogden.disa.mil/>

In the interim, please contact the undersigned if you have any questions or concerns with regard to this contract.

(b)(6)

Contracting Officer

(b)(6)

Classification: **UNCLASSIFIED**
Caveats: NONE

AWARD/CONTRACT		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		RATING DX-C9	PAGE OF PAGES 1 28
2. CONTRACT (Proc Inst Ident) NO. HQ0006-09-C-7014		3. EFFECTIVE DATE 24 Jun 2009		4. REQUISITION/PURCHASE REQUEST/PROJECT NO DVICAN98844	
5. ISSUED BY CODE MISSILE DEFENSE AGENCY (MDA) CONTRACTS DIRECTORATE 7100 DEFENSE PENTAGON WASHINGTON DC 20301-7100		6. ADMINISTERED BY (If other than Item 5) CODE DCMA CHICAGO 1523 WEST CENTRAL ROAD ARLINGTON HEIGHTS IL 60006-2481		7. NAME AND ADDRESS OF CONTRACTOR (No street city county state and zip code) EPIR TECHNOLOGIES, INC. 590 TERRITORIAL DRIVE BOULDERBROOK IL 60440-3542	
8. DELIVERY [] FOB ORIGIN [X] OTHER (See below)		9. DISCOUNT FOR PROMPT PAYMENT		10. SUBMIT INVOICES (If copies made to otherwise specified TO THE ADDRESS SHOWN IN)	
CODE 1LBM3		FACILITY CODE		ITEM	
11. SHIP TO/MARK FOR CODE See Schedule		12. PAYMENT WILL BE MADE BY DFAS COLUMBUS CENTER DFAS-COMEST ENTITLEMENT OPERATIONS P.O. BOX 182381 COLUMBUS OH 43218-2381		CODE HQ0339	
13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION [] 10 U.S.C. 2304(c) [] 41 U.S.C. 253(c)		14. ACCOUNTING AND APPROPRIATION DATA See Schedule			
15A. ITEM NO	15B. SUPPLIES/SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT
SEE SCHEDULE					
15G. TOTAL AMOUNT OF CONTRACT					\$999,999.00
16. TABLE OF CONTENTS					
(X) SEC	DESCRIPTION	PAGE(S)	(X) SEC	DESCRIPTION	PAGE(S)
PART I - THE SCHEDULE			PART II - CONTRACT CLAUSES		
X A	SOLICITATION/ CONTRACT FORM	1	X I	CONTRACT CLAUSES	20 - 27
X B	SUPPLIES OR SERVICES AND PRICES/ COSTS	2 - 3	PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS		
X C	DESCRIPTION/ SPECS/ WORK STATEMENT	4	X J	LIST OF ATTACHMENTS	28
X D	PACKAGING AND MARKING	5	PART IV - REPRESENTATIONS AND INSTRUCTIONS		
X E	INSPECTION AND ACCEPTANCE	6	K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS	
X F	DELIVERIES OR PERFORMANCE	7	L	INSTRS, CONDS, AND NOTICES TO OFFERORS	
X G	CONTRACT ADMINISTRATION DATA	8 - 11	M	EVALUATION FACTORS FOR AWARD	
X H	SPECIAL CONTRACT REQUIREMENTS	12 - 19			
CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE					
17. [X] CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return copies to agency office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.)			18. [] AWARD (Contractor is not required to sign this document.) Your offer on Solicitation Number _____ including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award constitutes the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary.		
19A. NAME AND TITLE OF SIGNED (b)(6)			20A. NAME OF CONTRACTING OFFICER		
19B. NAME OF CONTRACTING OFFICER (b)(6)			20B. UNITED STATES OF AMERICA		
19C. DATE SIGNED 6/24/09			20C. DATE SIGNED		
(Signature of person authorized to sign)			(Signature of Contracting Officer)		

AUTHORIZED FOR LOCAL REPRODUCTION

Previous edition is usable

STANDARD FORM 26 (REV. 4/2008)

Prescribed by GSA
FAR (48 CFR) 53.214(a)

(End of clause)

252.227-7017 IDENTIFICATION AND ASSERTION OF USE, RELEASE, OR DISCLOSURE RESTRICTIONS. (JUN 1995)

(a) The terms used in this provision are defined in following clause or clauses contained in this solicitation--

(1) If a successful offeror will be required to deliver technical data, the Rights in Technical Data--Noncommercial Items clause, or, if this solicitation contemplates a contract under the Small Business Innovative Research Program, the Rights in Noncommercial Technical Data and Computer Software--Small Business Innovative Research (SBIR) Program clause.

(2) If a successful offeror will not be required to deliver technical data, the Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation clause, or, if this solicitation contemplates a contract under the Small Business Innovative Research Program, the Rights in Noncommercial Technical Data and Computer Software--Small Business Innovative Research (SBIR) Program clause.

(b) The identification and assertion requirements in this provision apply only to technical data, including computer software documents, or computer software to be delivered with other than unlimited rights. For contracts to be awarded under the Small Business Innovative Research Program, the notification requirements do not apply to technical data or computer software that will be generated under the resulting contract. Notification and identification is not required for restrictions based solely on copyright.

(c) Offers submitted in response to this solicitation shall identify, to the extent known at the time an offer is submitted to the Government, the technical data or computer software that the Offeror, its subcontractors or suppliers, or potential subcontractors or suppliers, assert should be furnished to the Government with restrictions on use, release, or disclosure.

(d) The Offeror's assertions, including the assertions of its subcontractors or suppliers or potential subcontractors or suppliers shall be submitted as an attachment to its offer in the following format, dated and signed by an official authorized to contractually obligate the Offeror:

Identification and Assertion of Restrictions on the Government's Use, Release, or Disclosure of Technical Data or Computer Software.

The Offeror asserts for itself, or the persons identified below, that the Government's rights to use, release, or disclose the following technical data or computer software should be restricted:

Technical Data or Computer Software to be Furnished	Name of Person Asserting
With Restrictions *	Basis for Assertion **
Asserted Rights Category ***	Restrictions ****
NONE	NONE
(LIST) *****	(LIST)

*For technical data (other than computer software documentation) pertaining to items, components, or processes developed at private expense, identify both the deliverable technical data and each such items, component, or process. For computer software or computer software documentation identify the software or documentation.

**Generally, development at private expense, either exclusively or partially, is the only basis for asserting restrictions. For technical data, other than computer software documentation, development refers to development of the item, component, or process to which the data pertain. The Government's rights in computer software

documentation generally may not be restricted. For computer software, development refers to the software. Indicate whether development was accomplished exclusively or partially at private expense. If development was not accomplished at private expense, or for computer software documentation, enter the specific basis for asserting restrictions.

***Enter asserted rights category (e.g., government purpose license rights from a prior contract, rights in SBIR data generated under another contract, limited, restricted, or government purpose rights under this or a prior contract, or specially negotiated licenses).

****Corporation, individual, or other person, as appropriate.

*****Enter "none" when all data or software will be submitted without restrictions.

Date 6/24/09
 Printed Name and Title (b)(6)
 Signature (b)(6)

(End of identification and assertion)

(e) An offeror's failure to submit, complete, or sign the notification and identification required by paragraph (d) of this provision with its offer may render the offer ineligible for award.

(f) If the Offeror is awarded a contract, the assertions identified in paragraph (d) of this provision shall be listed in an attachment to that contract. Upon request by the Contracting Officer, the Offeror shall provide sufficient information to enable the Contracting Officer to evaluate any listed assertion.

(End of provision)

252.235-7010 Acknowledgment of Support and Disclaimer. (MAY 1995)

(a) The Contractor shall include an acknowledgment of the Government's support in the publication of any material based on or developed under this contract, stated in the following terms: This material is based upon work supported by the MISSILE DEFENSE AGENCY under Contract No. CURRENT CONTRACT NUMBER (FMS IDENTIFICATION NUMBER)

(b) All material, except scientific articles or papers published in scientific journals, must, in addition to any notices or disclaimers by the Contractor, also contain the following disclaimer: Any opinions, findings and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the MISSILE DEFENSE AGENCY.

Certificate of Current Cost or Pricing Data

This is to certify that, to the best of my knowledge and belief, the cost or pricing data (as defined in section 2.101 of the Federal Acquisition Regulation (FAR) and required under FAR subsection 15.403-4) submitted, either actually or by specific identification in writing, to the Contracting Officer or to the Contracting Officer's representative in support of Proposal No. B2-1579* are accurate, complete, and current as of 01/12/2009**.

This certification includes the cost or pricing data supporting any advance agreements and forward pricing rate agreements between the offeror and the Government that are part of the proposal.

Firm EPIR Technologies Inc
(b)(6)
Signature [Redacted]
Name [Redacted]
(b)(6)
Title President & CEO
Date of execution*** 6/24/09

* Identify the proposal, request for price adjustment, or other submission involved, giving the appropriate identifying number (e.g., RFP No.).

** Insert the day, month, and year when price negotiations were concluded and price agreement was reached or, if applicable, an earlier date agreed upon between the parties that is as close as practicable to the date of agreement on price.

*** Insert the day, month, and year of signing, which should be as close as practicable to the date when the price negotiations were concluded and the contract price was agreed to.

(End of certificate)

REPORT DOCUMENTATION PAGE*Form Approved*
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this 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 (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. **PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.**

1. REPORT DATE (DD-MM-YYYY) 08-10-2009		2. REPORT TYPE Phase II Quarterly Status Report		3. DATES COVERED (From - To) 24-06-2009 – 23-09-2009	
4. TITLE AND SUBTITLE Phase II Outline & Synopsis Report				5a. CONTRACT NUMBER HQ0006-09-C-7014	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S) (b)(6) (b)(6)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) EPIR Technologies, Inc. 590 Territorial Drive, Ste. B Bolingbrook, IL 60440				8. PERFORMING ORGANIZATION REPORT NUMBER 2	
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) Missile Defense Agency (MDA) 7100 Defense Pentagon Washington, DC 20301-7100				10. SPONSOR/MONITOR'S ACRONYM(S) ARL/SEDD	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION / AVAILABILITY STATEMENT Block 9: DISTRIBUTION B: Distribution authorized to U.S. Government Agencies only; Proprietary Information (DFARS-SBIR Data Rights) and Critical Technology, (October 8, 2009). Other requests for this document shall be referred to Missile Defense Agency (MDAIDA), Contracts Directorate, 7100 Defense Pentagon, Washington, DC 2030 1-7 100.					
13. SUPPLEMENTARY NOTES					
14. ABSTRACT This program, entitled "HgCdTe Detectors Under Non-Equilibrium Conditions for High Operating Temperatures" started on June 23th, 2009. A kick-off meeting with the attendance of the program managers (b)(6) and (b)(6) took place on August 14th, 2009. We defined a strategy for the program and the specific involvement of EPIR Technologies, DRS Technologies and the University of Michigan personnel. This first report presents the technical objective of the programs, as discussed during the kick-off meeting, and numerical simulations performed to understand the limitations in current state-of-the-art LWIR non-equilibrium devices fabricated on MBE structures grown at EPIR Technologies.					
15. SUBJECT TERMS HgCdTe, molecular beam epitaxy, non-equilibrium operation, high operating temperature, Auger suppression, FPA, LWIR, MWIR					
16. SECURITY CLASSIFICATION OF: Unclassified			17. LIMITATION OF ABSTRACT SAR	18. NUMBER OF PAGES 16	19a. NAME OF RESPONSIBLE PERSON (b)(6)
a. REPORT SAR	b. ABSTRACT SAR	c. THIS PAGE SAR			19b. TELEPHONE NUMBER (include area code) (b)(6)

PHASE II OUTLINE & SYNOPSIS REPORT

OCTOBER 8, 2009

PAGES 131 – 147

WITHHELD IN TOTAL

FOIA EXEMPTION (b)(4)

REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this 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 (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.

1. REPORT DATE (DD-MM-YYYY) 12-01-10	2. REPORT TYPE Status Report	3. DATES COVERED (From - To) 24-9-2009 - 23-12-2009
---	---------------------------------	--

4. TITLE AND SUBTITLE Phase II Quarterly Status Report II	5a. CONTRACT NUMBER HQ0006-09-C-7014
	5b. GRANT NUMBER
	5c. PROGRAM ELEMENT NUMBER

6. AUTHOR(S) (b)(6) (b)(6)	5d. PROJECT NUMBER
	5e. TASK NUMBER
	5f. WORK UNIT NUMBER

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) EPIR Technologies, Inc. 590 Territorial Drive, Ste. B Bolingbrook, IL 60440	8. PERFORMING ORGANIZATION REPORT NUMBER 2
---	---

9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) Missile Defense Agency (MDA) 7100 Defense Pentagon Washington, DC 20301-7100	10. SPONSOR/MONITOR'S ACRONYM(S) ARL/SEDD
	11. SPONSOR/MONITOR'S REPORT NUMBER(S)

12. DISTRIBUTION / AVAILABILITY STATEMENT
Block 9: DISTRIBUTION B: Distribution authorized to U.S. Government Agencies only; Proprietary Information (DFARS-SBIR Data Rights) and Critical Technology, (September 18, 2009). Other requests for this document shall be referred to Missile Defense Agency (MDAIDA), Contracts Directorate, 7100 Defense Pentagon, Washington, DC 2030 1-7 100.

13. SUPPLEMENTARY NOTES

14. ABSTRACT
(b)(4)

15. SUBJECT TERMS
HgCdTe, molecular beam epitaxy, non-equilibrium operation, high operating temperature, Auger suppression, FPA, LWIR, MWIR

16. SECURITY CLASSIFICATION OF: Unclassified			17. LIMITATION OF ABSTRACT SAR	18. NUMBER OF PAGES 14	19a. NAME OF RESPONSIBLE PERSON Dr. Pete Dreiske
a. REPORT SAR	b. ABSTRACT SAR	c. THIS PAGE SAR			19b. TELEPHONE NUMBER (include area code) 630-771-0203

Status Report II September 24th, 2009 – December 23rd, 2009

SBIR Phase II

Funded by: MDA

Contract title: HgCdTe Detectors Under Non-Equilibrium Conditions for High Operating Temperatures.

Contract No.: HQ0006-09-C-7014

Contract Line Item Number: 0002

Contractor: EPIR Technologies Inc.
590 Territorial Dr. Unit B
Bolingbrook, IL 60440
Tel (630) 771-0203
Fax (630) 771-0204

STATUS REPORT II

PAGES 150 – 163

WITHHELD IN TOTAL

FOIA EXEMPTION (b)(4)

REPORT DOCUMENTATION PAGE*Form Approved*
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this 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 (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. **PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.**

1. REPORT DATE (DD-MM-YYYY) 07-04-2010		2. REPORT TYPE Phase II Quarterly Status Report		3. DATES COVERED (From - To) 24-12-2009 – 23-03-2010	
4. TITLE AND SUBTITLE Phase II Outline & Synopsis Report				5a. CONTRACT NUMBER HQ0006-09-C-7014	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S) (b)(6) (b)(6)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) EPIR Technologies, Inc. 590 Territorial Drive, Ste. B Bolingbrook, IL 60440				8. PERFORMING ORGANIZATION REPORT NUMBER 2	
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) Missile Defense Agency (MDA) 7100 Defense Pentagon Washington, DC 20301-7100 (b)(6)				10. SPONSOR/MONITOR'S ACRONYM(S) ARL/SEDD	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION / AVAILABILITY STATEMENT Block 9: DISTRIBUTION B: Distribution authorized to U.S. Government Agencies only; Proprietary Information (DFARS-SBIR Data Rights) and Critical Technology, (October 8, 2009). Other requests for this document shall be referred to Missile Defense Agency (MDAIDA), Contracts Directorate, 7100 Defense Pentagon, Washington, DC 2030 1-7 100.					
13. SUPPLEMENTARY NOTES					
14. ABSTRACT (b)(4)					
15. SUBJECT TERMS HgCdTe, molecular beam epitaxy, non-equilibrium operation, high operating temperature, Auger suppression, FPA, LWIR, MWIR					
16. SECURITY CLASSIFICATION OF: Unclassified			17. LIMITATION OF ABSTRACT SAR	18. NUMBER OF PAGES 10	19a. NAME OF RESPONSIBLE PERSON (b)(6)
a. REPORT SAR	b. ABSTRACT SAR	c. THIS PAGE SAR			19b. TELEPHONE NUMBER (include area code) (b)(6)

PHASE II OUTLINE & SYNOPSIS REPORT

APRIL 7, 2010

PAGES 165 – 175

WITHHELD IN TOTAL

FOIA EXEMPTION (b)(4)

REPORT DOCUMENTATION PAGE*Form Approved*
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this 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 (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. **PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.**

1. REPORT DATE (DD-MM-YYYY)

06-07-2010

2. REPORT TYPE

Phase II Quarterly Status Report

3. DATES COVERED (From - To)

24-03-2010 -- 23-06-2010

4. TITLE AND SUBTITLE

Phase II Quarterly Status Report

5a. CONTRACT NUMBER

HQ0006-09-C-7014

5b. GRANT NUMBER**5c. PROGRAM ELEMENT NUMBER****6. AUTHOR(S)**

(b)(6)

(b)(6)

(b)(6)

5d. PROJECT NUMBER**5e. TASK NUMBER****5f. WORK UNIT NUMBER****7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)**EPIR Technologies, Inc.
590 Territorial Drive, Ste. B
Bolingbrook, IL 60440**8. PERFORMING ORGANIZATION REPORT NUMBER**

5

9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES)Missile Defense Agency (MDA)
7100 Defense Pentagon
Washington, DC 20301-7100

(b)(6)

10. SPONSOR/MONITOR'S ACRONYM(S)

ARL/SEDD

11. SPONSOR/MONITOR'S REPORT NUMBER(S)**12. DISTRIBUTION / AVAILABILITY STATEMENT**

Block 9: DISTRIBUTION B: Distribution authorized to U.S. Government Agencies only; Proprietary Information (DFARS-SBIR Data Rights) and Critical Technology, (July 6, 2010). Other requests for this document shall be referred to Missile Defense Agency (MDAIDA), Contracts Directorate, 7100 Defense Pentagon, Washington, DC 2030 1-7 100.

13. SUPPLEMENTARY NOTES**14. ABSTRACT**

(b)(4)

15. SUBJECT TERMS

HgCdTe, molecular beam epitaxy, non-equilibrium operation, high operating temperature, Auger suppression, FPA, LWIR, MWIR

16. SECURITY CLASSIFICATION OF:

Unclassified

17. LIMITATION OF ABSTRACT

SAR

18. NUMBER OF PAGES

22

19a. NAME OF RESPONSIBLE PERSON

(b)(6)

19b. TELEPHONE NUMBER (include area code)

(b)(6)

Quarter IV Report March 24th, 2010 – June 23rd, 2010

SBIR Phase II

Funded by: **MDA**

Contract title: **“HgCdTe Detectors Under Non-Equilibrium
Conditions for High Operating Temperatures”**

Contract No: **HQ0006-09-C-7014**

Contractor: EPIR Technologies Inc.
 590 Territorial Dr.
 Bolingbrook, IL 60440
 Tel (630) 771-0203
 Fax (630) 771-0204

QUARTER IV REPORT

PAGES 178 - 199

WITHHELD IN TOTAL

FOIA EXEMPTION (b)(4)

REPORT DOCUMENTATION PAGEForm Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this 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 (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. **PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.**

1. REPORT DATE (DD-MM-YYYY)
18-09-2009**2. REPORT TYPE**
Contract Summary Report**3. DATES COVERED (From - To)**
24-06-2009 - 24-09-2009**4. TITLE AND SUBTITLE**
Phase II Outline & Synopsis Report**5a. CONTRACT NUMBER**
HQ0006-09-C-7014**5b. GRANT NUMBER****5c. PROGRAM ELEMENT NUMBER****6. AUTHOR(S)**

(b)(6)

(b)(6)

5d. PROJECT NUMBER**5e. TASK NUMBER****5f. WORK UNIT NUMBER****7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)**EPIR Technologies, Inc.
590 Territorial Drive, Ste. B
Bolingbrook, IL 60440**8. PERFORMING ORGANIZATION REPORT NUMBER**

1

9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES)Missile Defense Agency (MDA) (b)(4)
7100 Defense Pentagon
Washington, DC 20301-7100**10. SPONSOR/MONITOR'S ACRONYM(S)**
ARL/SEDD**11. SPONSOR/MONITOR'S REPORT NUMBER(S)****12. DISTRIBUTION / AVAILABILITY STATEMENT**

Block 9: DISTRIBUTION B: Distribution authorized to U.S. Government Agencies only; Proprietary Information (DFARS-SBIR Data Rights) and Critical Technology, (September 18, 2009). Other requests for this document shall be referred to Missile Defense Agency (MDAIDA), Contracts Directorate, 7100 Defense Pentagon, Washington, DC 2030 1-7 100.

13. SUPPLEMENTARY NOTES**14. ABSTRACT**

(b)(4)

15. SUBJECT TERMS

HgCdTe, molecular beam epitaxy, non-equilibrium operation, high operating temperature, Auger suppression, FPA, LWIR, MWIR

16. SECURITY CLASSIFICATION OF:
Unclassified**17. LIMITATION OF ABSTRACT****18. NUMBER OF PAGES****19a. NAME OF RESPONSIBLE PERSON**
(b)(6)**a. REPORT**
SAR**b. ABSTRACT**
SAR**c. THIS PAGE**
SAR

SAR

4

19b. TELEPHONE NUMBER (include area code)
(b)(6)Standard Form 298 (Rev. 8-98)
Prescribed by ANSI Std. Z39.18

PHASE-II TECHNICAL OBJECTIVES
AND APPROACH

PAGES 201 - 203

WITHHELD IN TOTAL

FOIA EXEMPTION (b)(4)

Year 1 Interim Report June 24th, 2009 – June 23rd, 2010

MDA SBIR Phase II

Funded by: MDA

Contract title: “HgCdTe Detectors Under Non-Equilibrium Conditions for
High Operating Temperatures”

Contract No: HQ0006-09-C-7014

Contractor: EPIR Technologies Inc.
590 Territorial Dr. Unit B
Bolingbrook, IL 60440
Tel (630) 771-0203
Fax (630) 771-0204

Block 9: DISTRIBUTION B: Distribution authorized to U.S. Government Agencies only; Proprietary Information (DFARS-SBIR Data Rights) and Critical Technology, (June 24, 2010). Other requests for this document shall be referred to Missile Defense Agency (MDAIDA), Contracts Directorate, 7100 Defense Pentagon, Washington, DC 2030 1-7 100.

YEAR 1 INTERIM REPORT

PAGES 205 - 250

WITHHELD IN TOTAL

FOIA EXEMPTION (b)(4)

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

* = Required Fields

Contract Number	Delivery Order	Issue Date
HQ000609C7014		2009/06/24

Voucher Number	Voucher Date	Final Voucher	Invoice Received Date
BVN0001	2009/07/27	N	2009/07/27

Vendor Invoice Number	Service Start Date	Service End Date
01	2009/06/24	2009/07/23 ✓

B/L Number	Task Order
-------------------	-------------------

Summary of Detail Level Information	Total
1 CLIN/SLIN(s)	\$19,499.19
0 Miscellaneous Amount(s)	\$0.00
	\$19,499.19 ✓

Routing Information:

Prime Contractor	Administered By
CAGE Code: 1LBM3 Extension:	DoDAAC: S1403A
Name: EPIR TECHNOLOGIES INC	Name: DCMA TACT WHEELED VEHICLES CHICAGO
DCAA Auditor	Service Approver
DoDAAC: HAA643 Extension:	Code: HQ0006 Extension:
Name: DEFENSE CONTRACT AUDIT AGENCY	Name: MISSILE DEFENSE AGENCY
Payment Official	Issue By
DoDAAC: HQ0339	DoDAAC: HQ0006
Name: DFAS - COLUMBUS CENTER	Name: MISSILE DEFENSE AGENCY

Submit	Return	Page Help
---------------	---------------	------------------

7/27/09

* = Required Fields

BVN0001

Page Help

7070009

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number

HQ000609C7014

Delivery Order

Voucher Number

BVN0001

Item No	CLIN Amount	ACRN Amount	Difference
0001	\$19,499.19	\$0.00	\$19,499.19
	ACRN	Amount	Action

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

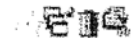
* = Required Fields

Contract Number

HQ000609C7014

Delivery Order**Voucher Number**

BVN0001

Initiator Information**Name:** (b)(6)**Title:** Accounting Asst**Phone #** (b)(6)**DSN:****Email:** (b)(6)**Org Email:****Comments:****IRD:** 2009/07/27**Date of Action:** 2009/07/27**Action(s):****Attachments:**[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc Info
--------	-----------	-------	-----------	-----------

COST VOUCHER (DIRECT BILL)

* = Required Fields

Contract Number	Delivery Order	Issue Date	Shipbuilding
HQ000609C7014		2009/06/24	

Voucher Number	Voucher Date	Final Voucher	Invoice Received Date
BVN0002	2009/08/25	N	2009/08/25

Vendor Invoice Number	Service Start Date	Service End Date
02	2009/07/24	2009/08/23

Bill of Lading Number	Bill of Lading Type	Task Order

Summary of Detail Level Information		Total
1	CLIN/SLIN(s)	\$25,455.10
0	Miscellaneous Amount(s)	\$0.00
		\$25,455.10

Routing Information:

Prime Contractor	Administered By
CAGE Code: 1LBM3 Extension:	DoDAAC: S1403A
Name: EPIR TECHNOLOGIES INC	Name: DCMA TACT WHEELED VEHICLES CHICAGO
DCAA Auditor	Service Approver
DoDAAC: HAA643 Extension:	Code: HQ0006 Extension:
Name: DEFENSE CONTRACT AUDIT AGENCY	Name: MISSILE DEFENSE AGENCY
Payment Official	Issue By
DoDAAC: HQ0339	DoDAAC: HQ0006
Name: DFAS - COLUMBUS CENTER	Name: MISSILE DEFENSE AGENCY

[Submit](#)[Return](#)[Page Help](#)00
J25

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014

Delivery Order

Voucher Number
BVN0002

					Amount
Item No	Stock #	Unit Price	Unit of Measure	Qty. Invoiced	
0001	EPIRMDAHOT	\$25 455.1	LO	1	\$25,455.10
	Stock Type	ACRN			
	VP	AA			
	SDN				
	AAA				
	Description				
	EPIR MDAHOT "Direct Billing Authorized" Please find attached DCAA memo.				
TOTAL:					\$25 455.10

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRN	Addresses	Misc Info
--------	-----------	------	-----------	-----------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014

Delivery Order

Voucher Number
BVN0002

Item No	CLIN Amount	ACRN Amount	Difference
0001	\$25,455.10	\$0.00	\$25,455.10
	ACRN	Amount	Action

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0002**Prime Contractor****CAGE Code:** 1LBM3 **Extension:**EPIR TECHNOLOGIES INC
590 TERRITORIAL DR
BOLINGBROOK IL 604403542 USA**DCAA Auditor****DoDAAC:** HAA643 **Extension:**DEFENSE CONTRACT AUDIT AGENCY
CHICAGO BRANCH OFFICE
635 BUTTERFIELD ROAD RM 210A
OAKBROOK TERRACE IL 60181-4041**Payment Official****DoDAAC:** HQ0339DFAS - COLUMBUS CENTER
WEST ENTITLEMENT OPERATIONS
P O BOX 182381
COLUMBUS OH 43218-2381**Administered By****DoDAAC:** S1403ADCMA TACT WHEELED VEHICLES CHICAGO
1523 WEST CENTRAL ROAD
ARLINGTON HEIGHTS IL 60005-2451**Service Approver****Code:** HQ0006 **Extension:**MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785**Issue By****DoDAAC:** HQ0006MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785**Page Help**

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc Info
--------	-----------	-------	-----------	-----------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0002**Initiator Information****Name:** (b)(6)**Title:** Accounting Asst**Phone #** (b)(6)**DSN:****Email** (b)(6)**Org Email****Comments:****IRD:** 2009/08/25**Date of Action:** 2009/08/25**Action(s):****Attachments:**

614

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

* = Required Fields

Contract Number	Delivery Order	Issue Date	Shipbuilding
HQ000609C7014		2009/06/24	

Voucher Number	Voucher Date	Final Voucher	Invoice Received Date
BVN0003	2009/09/24	N	2009/09/24

Vendor Invoice Number	Service Start Date	Service End Date
03	2009/08/24	2009/09/23

Bill of Lading Number	Bill of Lading Type	Task Order

Summary of Detail Level Information	Total
1 CLIN/SLIN(s)	\$83,991.83
0 Miscellaneous Amount(s)	\$0.00
	\$83,991.83

Routing Information:

Prime Contractor	Administered By
CAGE Code: 1LBM3 Extension:	DoDAAC: S1403A
Name: EPIR TECHNOLOGIES INC	Name: DCMA TACT WHEELED VEHICLES CHICAGO
DCAA Auditor	Service Approver
DoDAAC: HAA643 Extension:	Code: HQ0006 Extension:
Name: DEFENSE CONTRACT AUDIT AGENCY	Name: MISSILE DEFENSE AGENCY
Payment Official	Issue By
DoDAAC: HQ0339	DoDAAC: HQ0006
Name: DFAS - COLUMBUS CENTER	Name: MISSILE DEFENSE AGENCY

[Submit](#)[Return](#)[Page Help](#)OK ced
9/24

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000809C7014

Delivery Order

Voucher Number
BVN0003

					Amount
Item No	Stock #	Unit Price	Unit of Measure	Qty. Invoiced	
0001	EPIRMDAHOT	\$83,991.83	LO	1	\$83,991.83
	Stock Type	ACRN			
	VP	AA			
	SDN				
	AAA				
	Description				
	MDA HOT. "DIRECT BILLING AUTHORIZED" PLEASE DIND ATTACHED DCAA MEMO.				
TOTAL:					\$83,991.83

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number	Delivery Order	Voucher Number
HQ000609C7014		BVN0003

Item No	CLIN Amount	ACRN Amount	Difference
0001	\$83,991.83	\$0.00	\$83,991.83
	ACRN	Amount	Action

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number	Delivery Order	Voucher Number
HQ000609C7014		BVN0003

Prime Contractor	Administered By
CAGE Code: 1LBM3 Extension:	DoDAAC: S1403A
EPIR TECHNOLOGIES INC 590 TERRITORIAL DR BOLINGBROOK IL 604403542 USA	DCMA TACT WHEELED VEHICLES CHICAGO 1523 WEST CENTRAL ROAD ARLINGTON HEIGHTS IL 60005-2451
DCAA Auditor	Service Approver
DoDAAC: HAA643 Extension:	Code: HQ0006 Extension:
DEFENSE CONTRACT AUDIT AGENCY CHICAGO BRANCH OFFICE 635 BUTTERFIELD ROAD RM 210A OAKBROOK TERRACE IL 60181-4041	MISSILE DEFENSE AGENCY 6340 COLUMBIA PARK ROAD, SUITE B CHEVERLY MD 20785
Payment Official	Issue By
DoDAAC: HQ0339	DoDAAC: HQ0006
DFAS - COLUMBUS CENTER WEST ENTITLEMENT OPERATIONS P O BOX 182381 COLUMBUS OH 43218-2381	MISSILE DEFENSE AGENCY 6340 COLUMBIA PARK ROAD, SUITE B CHEVERLY MD 20785

Page Help

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0003**Initiator Information****Name:** (b)(6)**Title:** Accounting Asst**Phone #** (b)(6)**DSN:****Email** (b)(6)**Org Email****Comments:****IRD:** 2009/09/24**Date of Action:** 2009/09/24**Action(s):****Attachments:**[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

* = Required Fields

Contract Number	Delivery Order	Issue Date	Shipbuilding
HQ000609C7014		2009/06/24	

Voucher Number	Voucher Date	Final Voucher	Invoice Received Date
BVN0004	2009/10/23	N	2009/10/23

Vendor Invoice Number	Service Start Date	Service End Date
04	2009/09/24	2009/10/22

Bill of Lading Number	Bill of Lading Type	Task Order

Summary of Detail Level Information		Total
1	CLIN/SLIN(s)	\$140,397.62
0	Miscellaneous Amount(s)	\$0.00
		\$140,397.62

Routing Information:

Prime Contractor	Administered By
CAGE Code: 1LBM3 Extension:	DoDAAC: S1403A
Name: EPIR TECHNOLOGIES INC	Name: DCMA TACT WHEELED VEHICLES CHICAGO
DCAA Auditor	Service Approver
DoDAAC: HAA643 Extension:	Code: HQ0006 Extension:
Name: DEFENSE CONTRACT AUDIT AGENCY	Name: MISSILE DEFENSE AGENCY
Payment Official	Issue By
DoDAAC: HQ0339	DoDAAC: HQ0006
Name: DFAS - COLUMBUS CENTER	Name: MISSILE DEFENSE AGENCY

<u>Submit</u>	<u>Return</u>	<u>Page Help</u>
---------------	---------------	------------------



Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014

Delivery Order

Voucher Number
BVN0004

					Amount
Item No	Stock #	Unit Price	Unit of Measure	Qty. Invoiced	
0001	EPIRMDAHOT	\$140,397.62	LO	1	\$140,397.62
	Stock Type	ACRN			
	VP	AA			
	SDN				
	AAA				
	Description				
	EPIR MDA HOT."DIRECT BILLING AUTHORIZED" PLEASE FIND ATTACHED DCAA MEMO.				
TOTAL:					\$140,397.62

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0004

Item No	CLIN Amount	ACRN Amount	Difference
0001	\$140,397.62	\$0.00	\$140,397.62
	ACRN	Amount	Action

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0004**Prime Contractor****CAGE Code:** 1LBM3 **Extension:**EPIR TECHNOLOGIES INC
590 TERRITORIAL DR
BOLINGBROOK IL 604403542 USA**DCAA Auditor****DoDAAC:** HAA643 **Extension:**DEFENSE CONTRACT AUDIT AGENCY
CHICAGO BRANCH OFFICE
635 BUTTERFIELD ROAD RM 210A
OAKBROOK TERRACE IL 60181-4041**Payment Official****DoDAAC:** HQ0339DFAS - COLUMBUS CENTER
WEST ENTITLEMENT OPERATIONS
P O BOX 182381
COLUMBUS OH 43218-2381**Administered By****DoDAAC:** S1403ADCMA TACT WHEELED VEHICLES CHICAGO
1523 WEST CENTRAL ROAD
ARLINGTON HEIGHTS IL 60005-2451**Service Approver****Code:** HQ0006 **Extension:**MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785**Issue By****DoDAAC:** HQ0006MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785Page HelpUPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0004**Initiator Information****Name** (b)(6)**Title:** Accounting Asst**Phone #:** (b)(6)**DSN:****Email** (b)(6)**Org Email****Comments:****IRD:** 2009/10/23**Date of Action:** 2009/10/23**Action(s):****Attachments:**

614

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNz	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014

Delivery Order

Voucher Number
BVN0005

					Amount
Item No	Stock #	Unit Price	Unit of Measure	Qty. Invoiced	
0001	EPIRMDAHOT	\$95,224.56	LO	1	\$95,224.56
	Stock Type	ACRN	/	/	/
	VP	AA			
	SDN				
	AAA				
	Description				
	MDA HOT. "DIRECT BILLING AUTHORIZED" PLEASE FIND ATTACHED DCAA MEMO.				
TOTAL:					\$95,224.56

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0005

Item No	CLIN Amount	ACRN Amount	Difference
0001	\$95,224.56	\$0.00	\$95,224.56 ✓
	ACRN	Amount	Action

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0005**Prime Contractor****CAGE Code:** 1LBM3 **Extension:**EPIR TECHNOLOGIES INC
590 TERRITORIAL DR
BOLINGBROOK IL 604403542 USA**DCAA Auditor****DoDAAC:** HAA643 **Extension:**DEFENSE CONTRACT AUDIT AGENCY
CHICAGO BRANCH OFFICE
635 BUTTERFIELD ROAD RM 210A
OAKBROOK TERRACE IL 60181-4041**Payment Official****DoDAAC:** HQ0339DFAS - COLUMBUS CENTER
WEST ENTITLEMENT OPERATIONS
P O BOX 182381
COLUMBUS OH 43218-2381**Administered By****DoDAAC:** S1403ADCMA TACT WHEELED VEHICLES CHICAGO
1523 WEST CENTRAL ROAD
ARLINGTON HEIGHTS IL 60005-2451**Service Approver****Code:** HQ0006 **Extension:**MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785**Issue By****DoDAAC:** HQ0006MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0005**Initiator Information****Name:** (b)(6)**Title:** Accounting Asst**Phone #** (b)(6)**DSN:****Email** (b)(6)**Org Email****Comments:****IRD:** 2009/11/24**Date of Action:** 2009/11/24**Action(s):****Attachments:**[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

* = Required Fields

Contract Number	Delivery Order	Issue Date	Shipbuilding
HQ000609C7014		2009/06/24	

Voucher Number	Voucher Date	Final Voucher	Invoice Received Date
BVN0006	2009/12/21	N	2009/12/21

Vendor Invoice Number	Service Start Date	Service End Date
06	2009/11/23	2009/12/20

Bill of Lading Number	Bill of Lading Type	Task Order

Summary of Detail Level Information		Total
1	CLIN/SLIN(s)	\$72,584.72
0	Miscellaneous Amount(s)	\$0.00
		\$72,584.72

Routing Information:**Prime Contractor**

CAGE Code: 1LBM3 Extension:

Name: EPIR TECHNOLOGIES INC

DCAA Auditor

DoDAAC: HAA643 Extension:

Name: DEFENSE CONTRACT AUDIT AGENCY

Payment Official

DoDAAC: HQ0339

Name: DFAS - COLUMBUS CENTER

Administered By

DoDAAC: S1403A

Name: DCMA TACT WHEELED VEHICLES CHICAGO

Service Approver

Code: HQ0006 Extension:

Name: MISSILE DEFENSE AGENCY

Issue By

DoDAAC: HQ0006

Name: MISSILE DEFENSE AGENCY

[Submit](#)[Return](#)[Page Help](#)

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014

Delivery Order

Voucher Number
BVN0006

					Amount
Item No	Stock #	Unit Price	Unit of Measure	Qty. Invoiced	
0001	EPIRMDAHOT	\$72,584.72	LO	1	\$72,584.72
	Stock Type	ACRN			
	VP	AA			
	SDN				
	AAA				
	Description				
	MDA HOT. "DIRECT BILLING AUTHORIZED" PLEASE FIND ATTACHED DCAA MEMO.				
TOTAL:					\$72,584.72

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0006

Item No	CLIN Amount	ACRN Amount	Difference
0001	\$72,584.72	\$0.00	\$72,584.72
	ACRN	Amount	Action

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0006**Prime Contractor****CAGE Code:** 1LBM3 **Extension:**EPIR TECHNOLOGIES INC
590 TERRITORIAL DR
BOLINGBROOK IL 604403542 USA**DCAA Auditor****DoDAAC:** HAA643 **Extension:**DEFENSE CONTRACT AUDIT AGENCY
CHICAGO BRANCH OFFICE
635 BUTTERFIELD ROAD RM 210A
OAKBROOK TERRACE IL 60181-4041**Payment Official****DoDAAC:** HQ0339DFAS - COLUMBUS CENTER
WEST ENTITLEMENT OPERATIONS
P O BOX 182381
COLUMBUS OH 43218-2381**Administered By****DoDAAC:** S1403ADCMA TACT WHEELED VEHICLES CHICAGO
1523 WEST CENTRAL ROAD
ARLINGTON HEIGHTS IL 60005-2451**Service Approver****Code:** HQ0006 **Extension:**MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785**Issue By****DoDAAC:** HQ0006MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785Page Help

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0006**Initiator Information****Name:** (b)(6)**Title:** Accounting Asst**Phone #** (b)(6)**DSN:****Email:** (b)(6)**Org Email:****Comments:****IRD:** 2009/12/21**Date of Action:** 2009/12/21**Action(s):****Attachments:**[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

* = Required Fields

Contract Number	Delivery Order	Issue Date	Shipbuilding
HQ000609C7014		2009/06/24	

Voucher Number	Voucher Date	Final Voucher	Invoice Received Date
BVN0007	2010/01/22	N	2010/01/22

Vendor Invoice Number	Service Start Date	Service End Date
07	2009/12/21	2010/01/20

Bill of Lading Number	Bill of Lading Type	Task Order

Summary of Detail Level Information		Total
1	CLIN/SLIN(s)	\$89,172.98
0	Miscellaneous Amount(s)	\$0.00
		\$89,172.98

Routing Information:

Prime Contractor	Administered By
CAGE Code: 1LBM3 Extension:	DoDAAC: S1403A
Name: EPIR TECHNOLOGIES INC	Name: DCMA TACT WHEELED VEHICLES CHICAGO
DCAA Auditor	Service Approver
DoDAAC: HAA643 Extension:	Code: HQ0006 Extension:
Name: DEFENSE CONTRACT AUDIT AGENCY	Name: MISSILE DEFENSE AGENCY
Payment Official	Issue By
DoDAAC: HQ0339	DoDAAC: HQ0006
Name: DFAS - COLUMBUS CENTER	Name: MISSILE DEFENSE AGENCY

[Submit](#)[Return](#)[Page Help](#)

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014

Delivery Order

Voucher Number
BVN0007

					Amount
Item No	Stock #	Unit Price	Unit of Measure	Qty. Invoiced	
0001	EPIRMDAHOT	\$89,172.98	LO	1	\$89,172.98
	Stock Type	ACRN			
	VP	AA			
	SDN				
	AAA				
	Description				
	EPIRMDAHOT "DIRECT BILLING AUTHORIZED" PLEASE FIND ATTCHED DCAA MEMO				
TOTAL:					\$89,172.98

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0007

Item No	CLIN Amount	ACRN Amount	Difference
0001	\$89,172.98	\$0.00	\$89,172.98
	ACRN	Amount	Action

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0007**Prime Contractor****CAGE Code:** 1LBM3 **Extension:**EPIR TECHNOLOGIES INC
590 TERRITORIAL DR
BOLINGBROOK IL 604403542 USA**DCAA Auditor****DoDAAC:** HAA643 **Extension:**DEFENSE CONTRACT AUDIT AGENCY
CHICAGO BRANCH OFFICE
635 BUTTERFIELD ROAD RM 210A
OAKBROOK TERRACE IL 60161-4041**Payment Official****DoDAAC:** HQ0339DFAS - COLUMBUS CENTER
WEST ENTITLEMENT OPERATIONS
P O BOX 182381
COLUMBUS OH 43218-2381**Administered By****DoDAAC:** S1403ADCMA TACT WHEELED VEHICLES CHICAGO
1523 WEST CENTRAL ROAD
ARLINGTON HEIGHTS IL 60005-2451**Service Approver****Code:** HQ0006 **Extension:**MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785**Issue By****DoDAAC:** HQ0006MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785Page Help

JPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

* = Required Fields

Contract Number	Delivery Order	Issue Date	Shipbuilding
HQ000609C7014		2009/06/24	

Voucher Number	Voucher Date	Final Voucher	Invoice Received Date
BVN0008	2010/02/22	N	2010/02/22

Vendor Invoice Number	Service Start Date	Service End Date
08	2010/01/21	2010/02/21 ✓

Bill of Lading Number	Bill of Lading Type	Task Order
-----------------------	---------------------	------------

Summary of Detail Level Information	Total
1 CLIN/SLIN(s)	\$81,470.87
0 Miscellaneous Amount(s)	\$0.00
	\$81,470.87 ✓

Routing Information:

Prime Contractor

Administered By

CAGE Code: 1LBM3 Extension:

DoDAAC: S1403A

Name: EPIR TECHNOLOGIES INC

Name: DCMA TACT WHEELED VEHICLES CHICAGO

DCAA Auditor

Service Approver

DoDAAC: HAA643 Extension:

Code: HQ0006 Extension:

Name: DEFENSE CONTRACT AUDIT AGENCY

Name: MISSILE DEFENSE AGENCY

Payment Official

Issue By

DoDAAC: HQ0339

DoDAAC: HQ0006

Name: DFAS - COLUMBUS CENTER

Name: MISSILE DEFENSE AGENCY

SubmitReturnPage Help

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014

Delivery Order

Voucher Number
BVN0008

					Amount
Item No	Stock #	Unit Price	Unit of Measure	Qty. Invoiced	
0001	EPIRMDAHOT	\$81,470.87	LO	1	\$81,470.87
	Stock Type	ACRN			
	VP	AA			
	SDN				
	AAA				
	Description				
	EPIR MDA HOT "DIRECT BILLING AUTHORIZED" PLEASE FIND ATTACHED DCAA MEMO.				
TOTAL:					\$81,470.87

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0008

Item No	CLIN Amount	ACRN Amount	Difference
0001	\$81,470.87	\$0.00	\$81,470.87
	ACRN	Amount	Action

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0008**Prime Contractor****Administered By****CAGE Code:** 1LBM3 **Extension:****DoDAAC:** S1403AEPIR TECHNOLOGIES INC
590 TERRITORIAL DR
BOLINGBROOK IL 604403542 USADCMA TACT WHEELED VEHICLES CHICAGO
1523 WEST CENTRAL ROAD
ARLINGTON HEIGHTS IL 60005-2451**DCAA Auditor****Service Approver****DoDAAC:** HAA643 **Extension:****Code:** HQ0006 **Extension:**DEFENSE CONTRACT AUDIT AGENCY
CHICAGO BRANCH OFFICE
635 BUTTERFIELD ROAD RM 210A
OAKBROOK TERRACE IL 60181-4041MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785**Payment Official****Issue By****DoDAAC:** HQ0339**DoDAAC:** HQ0006DFAS - COLUMBUS CENTER
WEST ENTITLEMENT OPERATIONS
P O BOX 182381
COLUMBUS OH 43218-2381MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785Page Help**UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.**

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

* = Required Fields

Contract Number	Delivery Order	Issue Date	Shipbuilding
HQ000609C7014		2009/06/24	
Voucher Number	Voucher Date	Final Voucher	Invoice Received Date
BVN0009	2010/03/19	N	2010/03/19
Vendor Invoice Number	Service Start Date	Service End Date	
09	2010/02/23	2010/03/19	
Bill of Lading Number	Bill of Lading Type	Task Order	

Summary of Detail Level Information	Total
1 CLIN/SLIN(s)	\$81,507.70
0 Miscellaneous Amount(s)	\$0.00
	\$81,507.70

Routing Information:

Prime Contractor	Administered By
CAGE Code: 1LBM3 Extension:	DoDAAC: S1403A
Name: EPIR TECHNOLOGIES INC	Name: DCMA TACT WHEELED VEHICLES CHICAGO
DCAA Auditor	Service Approver
DoDAAC: HAA643 Extension:	Code: HQ0006 Extension:
Name: DEFENSE CONTRACT AUDIT AGENCY	Name: MISSILE DEFENSE AGENCY
Payment Official	Issue By
DoDAAC: HQ0339	DoDAAC: HQ0006
Name: DFAS - COLUMBUS CENTER	Name: MISSILE DEFENSE AGENCY

[Submit](#)[Return](#)[Page Help](#)*ced
3/19/10

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014

Delivery Order

Voucher Number
BVN0009

					Amount
Item No	Stock #	Unit Price	Unit of Measure	Qty. Invoiced	\$81,507.70
0001	EPIRMDAHOT	\$81,507.7	LO	1	
	Stock Type	ACRN			
	VP	AA			
	SDN				
AAA					
Description					
MDA HOT. "DIRECT BILLING AUTHORIZED" PLEASE FIND ATTACHED DCAA MEMO.					
TOTAL:					\$81,507.70

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014

Delivery Order

Voucher Number
BVN0009

Item No	CLIN Amount	ACRN Amount	Difference
0001	\$81,507.70	\$0.00	\$81,507.70
	ACRN	Amount	Action

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0009**Prime Contractor****Administered By****CAGE Code:** 1LBM3 **Extension:****DoDAAC:** S1403AEPIR TECHNOLOGIES INC
590 TERRITORIAL DR
BOLINGBROOK IL USA
604403542DCMA TACT WHEELED VEHICLES CHICAGO
1523 WEST CENTRAL ROAD
ARLINGTON HEIGHTS IL 60005-2451**DCAA Auditor****Service Approver****DoDAAC:** HAA643 **Extension:****Code:** HQ0006 **Extension:**DEFENSE CONTRACT AUDIT AGENCY
CHICAGO BRANCH OFFICE
635 BUTTERFIELD ROAD RM 210A
OAKBROOK TERRACE IL 60181-4041MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785**Payment Official****Issue By****DoDAAC:** HQ0339**DoDAAC:** HQ0006DFAS - COLUMBUS CENTER
WEST ENTITLEMENT OPERATIONS
P O BOX 182381
COLUMBUS OH 43218-2381MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785Page Help**UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.**

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET




* = Required Fields

Contract Number
HQ000609C7014

Delivery Order

Voucher Number
BVN0009

Initiator Information

Name: (b)(6)	Date of Action: 2010/03/19
Title: Accounting Asst	IRD: 2010/03/19
Phone #: (b)(6)	Attachments: Attachments:   
DSN:	Action(s):
Email: (b)(6)	
Org Email:	
Comments:	

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

* = Required Fields

Contract Number	Delivery Order	Issue Date	Shipbuilding
HQ000609C7014		2009/06/24	
Voucher Number	Voucher Date	Final Voucher	Invoice Received Date
BVN0010	2010/04/21	N	2010/04/21
Vendor Invoice Number	Service Start Date	Service End Date	
10	2010/03/22	2010/04/20	
Bill of Lading Number	Bill of Lading Type	Task Order	

Summary of Detail Level Information	Total
1 CLIN/SLIN(s)	\$121,459.39
0 Miscellaneous Amount(s)	\$0.00
	\$121,459.39

Routing Information:

Prime Contractor	Administered By
CAGE Code: 1LBM3 Extension:	DoDAAC: S1403A
Name: EPIR TECHNOLOGIES INC	Name: DCMA TACT WHEELED VEHICLES CHICAGO
DCAA Auditor	Service Approver
DoDAAC: HAA643 Extension:	Code: S1403A Extension:
Name: DEFENSE CONTRACT AUDIT AGENCY	Name: DCMA TACT WHEELED VEHICLES CHICAGO
Payment Official	Issue By
DoDAAC: HQ0339	DoDAAC: HQ0006
Name: DFAS - COLUMBUS CENTER	Name: MISSILE DEFENSE AGENCY

Payment Office

- ☒ Document Accepted
- ☒ Document Processed
- ☐ Document Rejected
- ☐ Document Suspended

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014

Delivery Order

Voucher Number
BVN0010

					Amount
Item No	Stock #	Unit Price	Unit of Measure	Qty. Invoiced	
0001	EPIRMDAHOT	\$121,459.39	LO	1	\$121,459.39
	Stock Type	ACRN			
	VP	AA			
	SDN				
	AAA				
	Description				
	MDA HOT "DIRECT BILLING AUTHORIZED" PLEASE FIND ATTACHED DCAA MEMO				
TOTAL:					\$121,459.39

[Page Help](#)

TO VIEW ADDITIONAL INFORMATION, SELECT THE DESIRED TAB OR CLICK RETURN AT THE BOTTOM OF THE HEADER TAB TO RETURN TO THE FOLDER.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014

Delivery Order

Voucher Number
BVN0010

Item No	CLIN Amount	ACRN Amount	Difference
0001	\$121,459.39	\$0.00	\$121,459.39
	ACRN	Amount	Action

[Page Help](#)

TO VIEW ADDITIONAL INFORMATION, SELECT THE DESIRED TAB OR CLICK RETURN
AT THE BOTTOM OF THE HEADER TAB TO RETURN TO THE FOLDER.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0010**Prime Contractor****CAGE Code:** 1LBM3 **Extension:**EPIR TECHNOLOGIES INC
590 TERRITORIAL DR
BOLINGBROOK IL USA
604403542**Administered By****DoDAAC:** S1403ADCMA TACT WHEELED VEHICLES CHICAGO
1523 WEST CENTRAL ROAD
ARLINGTON HEIGHTS IL 60005-2451**DCAA Auditor****DoDAAC:** HAA643 **Extension:**DEFENSE CONTRACT AUDIT AGENCY
CHICAGO BRANCH OFFICE
635 BUTTERFIELD ROAD RM 210A
OAKBROOK TERRACE IL 60181-4041**Service Approver****Code:** S1403A **Extension:**DCMA TACT WHEELED VEHICLES CHICAGO
1523 WEST CENTRAL ROAD
ARLINGTON HEIGHTS IL 60005-2451**Payment Official****DoDAAC:** HQ0339DFAS - COLUMBUS CENTER
WEST ENTITLEMENT OPERATIONS
P O BOX 182381
COLUMBUS OH 43218-2381**Issue By****DoDAAC:** HQ0006MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785[Page Help](#)

TO VIEW ADDITIONAL INFORMATION, SELECT THE DESIRED TAB OR CLICK RETURN
AT THE BOTTOM OF THE HEADER TAB TO RETURN TO THE FOLDER.


Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0010**Initiator Information**

Name (b)(6)	Date of Action: 2010/04/21 1513 MDT
Title: Accounting Asst	IRD: 2010/04/21 1513 MDT
Phone # (b)(6)	Attachments: Attachments: 
DSN:	Action(s): Submitted
Email (b)(6)	Web Stand Alone
Org Email	Processed via EDI
Comments:	

[Page Help](#)

TO VIEW ADDITIONAL INFORMATION, SELECT THE DESIRED TAB OR CLICK RETURN AT THE BOTTOM OF THE HEADER TAB TO RETURN TO THE FOLDER.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

* = Required Fields

Contract Number	Delivery Order	Issue Date	Shipbuilding
HQ000609C7014		2009/06/24	
Voucher Number	Voucher Date	Final Voucher	Invoice Received Date
BVN0011	2010/05/21	N	2010/05/21
Vendor Invoice Number	Service Start Date	Service End Date	
11	2010/04/21	2010/05/20	
Bill of Lading Number	Bill of Lading Type	Task Order	

Summary of Detail Level Information	Total
1 CLIN/SLIN(s)	\$51,886.32
0 Miscellaneous Amount(s)	\$0.00
	\$51,886.32

Routing Information:

Prime Contractor	Administered By
CAGE Code: 1LBM3 Extension:	DoDAAC: S1403A
Name: EPIR TECHNOLOGIES INC	Name: DCMA CHICAGO
DCAA Auditor	Service Approver
DoDAAC: HAA643 Extension:	Code: HQ0006 Extension:
Name: DEFENSE CONTRACT AUDIT AGENCY	Name: MISSILE DEFENSE AGENCY
Payment Official	Issue By
DoDAAC: HQ0339	DoDAAC: HQ0006
Name: DFAS - COLUMBUS CENTER	Name: MISSILE DEFENSE AGENCY

[Submit](#)[Return](#)[Page Help](#)

ok old
5/21/10

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014

Delivery Order

Voucher Number
BVN0011

					Amount
Item No	Stock #	Unit Price	Unit of Measure	Qty. Invoiced	
0001	EPIRMDAHOT	\$51,886.32	LO	1	\$51,886.32
	Stock Type	ACRN			
	VP	AA			
	SDN				
	AAA				
	Description				
	EPIR MDAHOT."DIRECT BILLING AUTHORIZED" PLEASE FIND ATTACHED DCAA MEMO				
TOTAL:					\$51,886.32

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0011

Item No	CLIN Amount	ACRN Amount	Difference
0001	\$51,886.32	\$0.00	\$51,886.32
	ACRN	Amount	Action

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0011**Prime Contractor****CAGE Code:** 1LBM3 **Extension:**EPIR TECHNOLOGIES INC
590 TERRITORIAL DR
BOLINGBROOK IL USA
604403542**Administered By****DoDAAC:** S1403ADCMA CHICAGO
1523 WEST CENTRAL ROAD
ARLINGTON HEIGHTS IL 60005-2451**DCAA Auditor****DoDAAC:** HAA643 **Extension:**DEFENSE CONTRACT AUDIT AGENCY
CHICAGO BRANCH OFFICE
635 BUTTERFIELD ROAD RM 210A
OAKBROOK TERRACE IL 60181-4041**Service Approver****Code:** HQ0006 **Extension:**MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785**Payment Official****DoDAAC:** HQ0339DFAS - COLUMBUS CENTER
WEST ENTITLEMENT OPERATIONS
P O BOX 182381
COLUMBUS OH 43218-2381**Issue By****DoDAAC:** HQ0006MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014

Delivery Order

Voucher Number
BVN0011

Initiator Information

Name:	(b)(6)	Date of Action:	2010/05/21
Title:	Accounting Asst	IRD:	2010/05/21
Phone #:	(b)(6)	Attachments:	Attachments:
DSN:		Action(s):	
Email:	(b)(6)		
Org Email:			
Comments:			

Page Help

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

* = Required Fields

Contract Number	Delivery Order	Issue Date	Shipbuilding
HQ000609C7014		2009/06/24	
Voucher Number	Voucher Date	Final Voucher	Invoice Received Date
BVN0012	2010/06/17	N	2010/06/17
Vendor Invoice Number	Service Start Date	Service End Date	
12	2010/05/21	2010/06/15	
Bill of Lading Number	Bill of Lading Type	Task Order	

Summary of Detail Level Information	Total
1 CLIN/SLIN(s)	\$11,699.12
0 Miscellaneous Amount(s)	\$0.00
	\$11,699.12

Routing Information:

Prime Contractor	Administered By
CAGE Code: 1LBM3 Extension:	DoDAAC: S1403A
Name: EPIR TECHNOLOGIES INC	Name: DCMA CHICAGO
DCAA Auditor	Service Approver
DoDAAC: HAA643 Extension:	Code: HQ0006 Extension:
Name: DEFENSE CONTRACT AUDIT AGENCY	Name: MISSILE DEFENSE AGENCY
Payment Official	Issue By
DoDAAC: HQ0339	DoDAAC: HQ0006
Name: DFAS - COLUMBUS CENTER	Name: MISSILE DEFENSE AGENCY

[Submit](#)[Return](#)[Page Help](#)

Header	Line Item	ACRN#	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014

Delivery Order

Voucher Number
BVN0012

					Amount
Item No	Stock #	Unit Price	Unit of Measure	Qty. Invoiced	\$11,699.12
0001	EPIRMDAHOT	\$11 699 12	LO	1	
	Stock Type	ACRN			
	VP	AA			
	SDN				
AAA					
Description					
MDA HOT "DIRECT BILLING AUTHORIZED" PLEASE FIND ATTACHED DCAA MEMO					
TOTAL:					\$11,699.12

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number	Delivery Order	Voucher Number
HQ000609C7014		BVN0012

Item No	CLIN Amount	ACRN Amount	Difference
0001	\$11,699.12	\$0.00	\$11,699.12
	ACRN	Amount	Action

Page Help

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0012**Prime Contractor****Administered By****CAGE Code:** 1LBM3 **Extension:****DoDAAC:** S1403AEPIR TECHNOLOGIES INC
590 TERRITORIAL DR
BOLINGBROOK IL USA
604403542DCMA CHICAGO
1523 WEST CENTRAL ROAD
ARLINGTON HEIGHTS IL 60005-2451**DCAA Auditor****Service Approver****DoDAAC:** HAA643 **Extension:****Code:** HQ0006 **Extension:**DEFENSE CONTRACT AUDIT AGENCY
CHICAGO BRANCH OFFICE
635 BUTTERFIELD ROAD RM 210A
OAKBROOK TERRACE IL 60181-4041MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785**Payment Official****Issue By****DoDAAC:** HQ0339**DoDAAC:** HQ0006DFAS - COLUMBUS CENTER
WEST ENTITLEMENT OPERATIONS
P O BOX 182381
COLUMBUS OH 43218-2381MISSILE DEFENSE AGENCY
6340 COLUMBIA PARK ROAD, SUITE B
CHEVERLY MD 20785[Page Help](#)

**JPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION
OR ON THE HEADER TAB TO SUBMIT.**

Header	Line Item	ACRNs	Addresses	Misc. Info
--------	-----------	-------	-----------	------------

COST VOUCHER (DIRECT BILL)

- CONTINUATION SHEET

* = Required Fields

Contract Number
HQ000609C7014**Delivery Order****Voucher Number**
BVN0012**Initiator Information**

Name: (b)(6)	Date of Action: 2010/06/17
Title: Accounting Asst	IRD: 2010/06/17
Phone #: (b)(6)	Attachments: Attachments:   
DSN:	Action(s):
Email: (b)(6)	
Org Email:	
Comments:	

[Page Help](#)

UPON COMPLETION OF WORK IN THIS AREA, CLICK ON ANOTHER TAB FOR FURTHER ACTION OR ON THE HEADER TAB TO SUBMIT.