

HQ0006-07-C-7723

25 pages denied in full pursuant to 5 U.S.C. § 552 (b)(3):
10 U.S.C. §2305(g)

AWARD/CONTRACT	1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350)		RATING DX-C9	PAGE OF PAGES 1 26
	2. CONTRACT <i>Draw the Award</i> NO HQ0006-07-C-7723		3. EFFECTIVE DATE	

3. ISSUED BY (CODE) HQ0006		4. ADMINISTERED BY <i>(Name of Admin. Org.)</i>		5. REQUISITION-PURCHASE REQUEST PROJECT NO. SEE SCHEDULE
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6. ISSUED BY (CODE) HQ0006 MISSILE DEFENSE AGENCY (MDA) CONTRACTS DIRECTORATE TRIC DEFENSE PRESTATION WASHINGTON DC 20301-7100		7. ADMINISTERED BY (CODE) S1403A OCM CHICAGO P.O. BOX 88911 CHICAGO IL 60688-0911	
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7. NAME AND ADDRESS OF CONTRACTOR <i>(Do not copy, copy and paste)</i> EPRI TECHNOLOGIES INC 800 TERRITORY DR. DRIVE UNIT 2 800 N. BRIDGEVILLE ROAD 4881		8. DELIVERY <input type="checkbox"/> FOB ORIGIN <input checked="" type="checkbox"/> OTHER <i>(See AAR)</i>	
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9. DISCOUNT FOR PROMPT PAYMENT		10. SUBMIT INVOICES (CODE) <i>(Frequency and amount must be the same as shown in Section G)</i> Section G	
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11. SHIP TO-MARK FOR (CODE) HQ0006	12. PAYMENT WILL BE MADE BY (CODE) HQ0006
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11. SHIP TO-MARK FOR (CODE) HQ0006 MISSILE DEFENSE AGENCY (MDA) CONTRACTS DIRECTORATE TRIC DEFENSE PRESTATION WASHINGTON DC 20301-7100		12. PAYMENT WILL BE MADE BY (CODE) HQ0006 DFAS COLUMBUS CENTER DFAS-COMVEST ENTITLEMENT OPERATIONS P.O. BOX 18230 COLUMBUS OH 43218-2301	
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13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION. <input type="checkbox"/> 10 U.S.C. 2304(c)(1) <input type="checkbox"/> 141 U.S.C. 255(c)(1)		14. ACCOUNTING AND APPROPRIATION DATA See Schedule	
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15A. ITEM NO.	15B. SUPPLIES SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT
SEE SCHEDULE					

16. TOTAL AMOUNT OF CONTRACT	\$98,999.00
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(X) SEC		DESCRIPTION	PAGES	(X) SEC	DESCRIPTION	PAGES
PART I - THE SCHEDULE				PART II - CONTRACT CLAUSES		
X	A	SOLICITATION/CONTRACT FORM	1	X	I	CONTRACT CLAUSES
X	B	SUPPLIES OR SERVICES AND PRICES/COSTS	2-6	PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS		
X	C	DESCRIPTION, SPECS./WORK STATEMENT	7	X	J	LIST OF ATTACHMENTS
X	D	PACKAGING AND MARKING	8	PART IV - REPRESENTATIONS AND INSTRUCTIONS		
X	E	INSPECTION AND ACCEPTANCE	9	K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS	
X	F	DELIVERIES OR PERFORMANCE	10	L	INSURS. CONDS. AND NOTICES TO DEFENDORS	
X	G	CONTRACT ADMINISTRATION DATA	11-15	M	EVALUATION FACTORS FOR AWARD	
X	H	SPECIAL CONTRACT REQUIREMENTS	16-20			

CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE

17. <input checked="" type="checkbox"/> CONTRACTOR NEGOTIATED AGREEMENT <i>(Contract award is subject to final approval by the Contracting Officer)</i>		18. <input type="checkbox"/> CONTRACTOR NEGOTIATED AGREEMENT <i>(Contract award is subject to final approval by the Contracting Officer)</i>	
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19A. NAME AND TITLE OF SIGNER <i>(Type or print)</i> (b)(6)	20A. NAME AND TITLE OF CONTRACTING OFFICER (b)(6)
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19B. NAME OF CONTRACTOR (b)(6)	19C. DATE SIGNED Mar 23, 2007	20B. UNITED STATES OF AMERICA	20C. DATE SIGNED
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AWARD/CONTRACT		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350)		RATING DX-C9	PAGE OF PAGES 1 25		
2. CONTRACT (Proc. Inst. Ident.) NO. HQ0006-07-C-7723		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQUEST/PROJECT NO. SEE SCHEDULE			
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) DCM CHICAGO P.O. BOX 63211 CHICAGO IL 60666-0911		CODE S1403A		
7. NAME AND ADDRESS OF CONTRACTOR (No., street, city, county, state and zip code) EPIR TECHNOLOGIES INC 590 TERRITORIAL DRIVE UNIT B BOLINGBROOK IL 60440-4881			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 Section G	
CODE 1LBMB		FACILITY CODE					
11. SHIP TO/MARK FOR MISSILE DEFENSE AGENCY (MDA) CONTRACTS DIRECTORATE 7100 DEFENSE PENTAGON WASHINGTON DC 20301-7100		CODE HQ0006	12. PAYMENT WILL BE MADE BY DFAS COLUMBUS CENTER DFAS-COMEST ENTITLEMENT OPERATIONS P.O. BOX 182381 COLUMBUS OH 43218-2351		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					\$99,999.00		
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	21 - 24
X	B	SUPPLIES OR SERVICES AND PRICES/ COSTS	2 - 6	PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS			
X	C	DESCRIPTION/ SPECS/ WORK STATEMENT	7	X	J	LIST OF ATTACHMENTS	25
X	D	PACKAGING AND MARKING	8	PART IV - REPRESENTATIONS AND INSTRUCTIONS			
X	E	INSPECTION AND ACCEPTANCE	9	K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS		
X	F	DELIVERIES OR PERFORMANCE	10		OTHER STATEMENTS OF OFFERORS		
X	G	CONTRACT ADMINISTRATION DATA	11 - 15	L	INSTRS. CONDS. AND NOTICES TO OFFERORS		
X	H	SPECIAL CONTRACT REQUIREMENTS	16 - 20	M	EVALUATION FACTORS FOR AWARD		
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 4 copies to 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 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 consummates 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 (Type or print)				20A. NAME AND TITLE OF CONTRACTING OFFICER			
19B. NAME OF CONTRACTOR				19C. DATE SIGNED		20B. UNITED STATES OF AMERICA	
BY _____ (Signature of person authorized to sign)						20C. DATE SIGNED	
				BY _____ (Signature of Contracting Officer)			

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	CONTRACT SUMMARY REPORT FFP The Contractor shall perform research and development efforts and provide the Outline and Synopsis Report in accordance with CDRL A002. FOB: Destination PURCHASE REQUEST NUMBER: SB9JLR71041	1	Lot	\$24,999.00	\$24,999.00

NET AMT \$24,999.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000101	Information Funding SLIN FFP This is an administrative SLIN utilized for funding purposes. FOB: Destination PURCHASE REQUEST NUMBER: SB9JLR71041				

NET AMT \$0.00

ACRN AA \$24,999.00
CIN: SB9JLR71041000101

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002		1	Lot	\$25,000.00	\$25,000.00

CONTRACT SUMMARY REPORT

FFP

The Contractor shall perform research and development efforts and provide the Midterm Report in accordance with CDRL A002.

FOB: Destination

PURCHASE REQUEST NUMBER: SB9JLR71042

NET AMT	\$25,000.00
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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000201					

Information Funding SLIN

FFP

This is an administrative SLIN utilized for funding purposes.

FOB: Destination

PURCHASE REQUEST NUMBER: SB9JLR71042

NET AMT	\$0.00
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ACRN AB

CIN: SB9JLR71042000201

\$25,000.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003	CONTRACT SUMMARY REPORT FFP The Contractor shall perform research and development efforts and provide the Progress Status Report in accordance with CDRL A002. FOB: Destination PURCHASE REQUEST NUMBER: SB9JLR71043	1	Lot	\$25,000.00	\$25,000.00
NET AMT					\$25,000.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000301	Information Funding SLIN FFP This is an administrative SLIN utilized for funding purposes. FOB: Destination PURCHASE REQUEST NUMBER: SB9JLR71043				
NET AMT					\$0.00
ACRN AC CIN: SB9JLR71043000301					\$25,000.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004	CONTRACT SUMMARY REPORT FFP The Contractor shall perform research and development efforts and provide the Phase I Final Report in accordance with CDRL A003. FOB: Destination PURCHASE REQUEST NUMBER: SB9JLR71044	1	Lot	\$25,000.00	\$25,000.00
NET AMT					\$25,000.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000401	Information Funding SLIN FFP This is an administrative SLIN utilized for funding purposes. FOB: Destination PURCHASE REQUEST NUMBER: SB9JLR71044				
NET AMT					\$0.00
ACRN AD CIN: SB9JLR71044000401					\$25,000.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005					NSP

DATA AND REPORTS

FFP

The Contractor shall provide the data deliverables in accordance with the Contract Data Requirements List, DD Form 1423-1 (CDRLs A001 and A004 are NSP).

FOB: Destination

PURCHASE REQUEST NUMBER: SB9JLR71044

NET AMT

CLAUSES INCORPORATED BY FULL TEXT

B-01 LINE ITEM DESCRIPTION (MAY 2005) (TAILORED)

In accordance with this contract, the Contractor shall furnish all materials, labor, equipment and facilities, except as specified herein to be furnished by the Government (if applicable), and shall do all that which is necessary or incidental to the satisfactory and timely performance of the following:

B-02 (RESERVED)

B-03 CONTRACT TYPE (MAY 2005)

This is a Firm-Fixed-Price contract with a 6-month period of performance.

B-04 (RESERVED)

B-05 (RESERVED)

B-06

PAYMENT SCHEDULE

Payments to the Contractor for effort under this contract will be based on delivery and acceptance of the reports as specified for the CLINs listed in Section B-1, Line Item Description. The Contractor may invoice and receive payment in the amount of the CLIN value based on acceptance by the Government of the Report specified. Procedures for the submission of invoices are contained in Section G, Contract Administration Data.

Section C - Descriptions and Specifications

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C-01 SCOPE OF WORK (MAY 2005)

The Contractor shall perform the work specified in the Statement of Objectives/ Statement of Work (SOO/SOW) or other Attachments and Exhibits in Section J of this contract. The Contractor shall provide all necessary materials, labor, equipment and facilities incidental to the performance of this requirement.

C-02 REPORTS AND OTHER DELIVERABLES (MAY 2005) (TAILORED)

- a. The Contractor shall submit all reports and other deliverables in accordance with the delivery schedule set forth in Section F, and the attached Contract Data Requirements Lists, DD Form 1423-1.
- b. Technical reports delivered by the Contractor in the performance of the contract shall be considered Technical Data, as defined in DFARS 252.227-7018, "Rights in Noncommercial Technical Data and Computer Software -- Small Business Innovation Research (SBIR) Program."
- c. Reports shall be submitted electronically in accordance with the attached Contract Data Requirements List, DD Form 1423-1, submission requirements. For reports that are unable to be submitted electronically, reports shall be mailed by other than first-class mail unless the urgency of submission requires use of first-class mail. In this situation, one copy shall be mailed first-class and the remaining copies forwarded by less than first-class.
- d. The following information shall be provided with all reports. However, if the report incorporates a MDA logo or letterhead, this information will be provided on a severable cover sheet and not on the same sheet of paper as the MDA logo or letterhead.
 - CONTRACT NUMBER
 - PROGRAM'S DESCRIPTION (INCLUDING 2 LETTER CODE)/PROGRAM MANAGER
 - CONTRACTOR'S POINT OF CONTACT NAME AND PHONE NUMBER
- e. All reports generated under this contract shall contain the following disclaimer statement on the cover page:

"The views, opinions, and findings contained in this report are those of the author(s) and should not be construed as an official Department of Defense position, policy, or decision."
- f. Except as provided by the Contract Data Requirements List, DD Form 1423-1, Exhibit A, and if incorporated the Contract Security Classification Specification, DD Form 254, the distribution of any contract report in any stage of development or completion is prohibited without the approval of the Contracting Officer.

Section D - Packaging and Marking

CLAUSES INCORPORATED BY FULL TEXT

D-01 PACKAGING AND MARKING OF TECHNICAL DATA (MAY 2005) (TAILORED)

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 National Security Program Operating Manual (NISPOM), DoD 5220.22-M.

Section E - Inspection and Acceptance

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 2003

CLAUSES INCORPORATED BY FULL TEXT

E-01 INSPECTION AND ACCEPTANCE (MAY 2005) (TAILORED)

Final inspection and acceptance of the work called for herein shall be by the designated Contracting Officer's Representative (COR) or by the cognizant contract administration office representative at: : (Address indicated on Page 2 of the CDRL cover sheets, DD Form 1423-1, Exhibit A.)

Section F - Deliveries or Performance

CLAUSES INCORPORATED BY REFERENCE

52.242-15	Stop-Work Order	OCT 2000
52.247-34	F.O.B. Destination	NOV 1991
52.247-55	F.O.B. Point For Delivery Of Government-Furnished Property	JUN 2003

CLAUSES INCORPORATED BY FULL TEXT

F-01 DELIVERY SCHEDULE/PERIOD OF PERFORMANCE (MAY 2005) (TAILORED)

The contractor shall complete all work required by CLIN 0001 through 0005 no later than 6 months after the effective date of the contract.

F-02 (RESERVED)

F-03 DELIVERY SCHEDULE OF TECHNICAL DATA ITEMS (MAY 2005)

The delivery schedule for each data deliverable will be as specified on the attached Contract Data Requirements List(s), DD Form 1423-1, Exhibit A.

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 9770400.2520 7 BM 2520 60605502C00 255Y S12135 MD7051001C1041 72S001
AMOUNT: \$24,999.00
CIN SB9JLR71041000101: \$24,999.00

AB: 9770400.2520 7 BM 2520 60605502C00 255Y S12135 MD7051001C1042 72S001
AMOUNT: \$25,000.00
CIN SB9JLR71042000201: \$25,000.00

AC: 9770400.2520 7 BM 2520 60605502C00 255Y S12135 MD7051001C1043 72S001
AMOUNT: \$25,000.00
CIN SB9JLR71043000301: \$25,000.00

AD: 9770400.2520 7 BM 2520 60605502C00 255Y S12135 MD7051001C1044 72S001
AMOUNT: \$25,000.00
CIN SB9JLR71044000401: \$25,000.00

CLAUSES INCORPORATED BY FULL TEXT

G-01 CONTRACT ADMINISTRATION (MAY 2005) (TAILORED)

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 Administrative Contracting Officer if designated. 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: (Address indicated on Page 2 of the CDRL cover sheets, DD Form 1423-1, Exhibit A.)

(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 : (COR identified on Page 2 of the CDRL cover sheets, DD Form 1423-1, Exhibit A.)

(c) The Contracting Officer shall provide the following contractor information from the MDA Representations, Certifications and Other Statements referenced in Section H, and make it a part of Contract Administration for the contract. In addition, the contractor shall update this information, when necessary, after contract award.

(1) Name of Company EDA POC:

E-Mail Address:

Telephone Number:

(2) Name of Company Alternate EDA POC:

E-Mail Address for Alternate EDA POC:

Telephone Number for Alternate EDA POC:

(b)(6)

The point of contact on matters pertaining to contract audits is as follows:

NAME:

TITLE:

TELEPHONE NO.:

(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-03 REMITTANCE ADDRESS (MAY 2005)

The following information is provided pursuant to FAR 52.232-33, "Payment by Electronic Funds Transfer - Central Contractor Registration," Contract Section I (if applicable):

_____ 590 Territorial Drive, Ste. B _____

_____ Bolingbrook, IL 60440 _____

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

Patent information, in accordance with FAR 52.227-11, "Patent Rights -- Retention by the Contractor (Short Form) shall be forwarded to the Procuring Contracting Officer (PCO—see address below) and a courtesy copy to the Contracting Officer's Representative (COR).

Office of the Secretary of Defense
Missile Defense Agency, MDA/DACT
7100 Defense Pentagon
Washington, DC 20301-7100

G-05 SUBMISSION OF PAYMENT REQUESTS USING WIDE AREA WORK FLOW - RECEIPT AND ACCEPTANCE (WAWF-RA) (JUN 2005) (TAILORED)

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, 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 at <https://wawf.eb.mil> using the appropriate Service Acceptor's DoDAAC (MDA's (NCR) is HQ0006; JNIC is H95001). When using WAWF-RA, the contractor will inform the Contracting Officer's Representative (COR) or designee via e-mail 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 <https://wawf.eb.mil> under "About WAWF".

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

DISA WESTHEM
Area Command Ogden
Customer Service Center
CONUS ONLY: 1-866-618-5988
COMMERCIAL: 801-605-7095
DSN: 338-7095
FAX COMMERCIAL: 801-605-7453
FAX DSN: 388-7453
cscassig@ogden.disa.mil

b. Submission of Invoices under Fixed Price Type Contracts

1. "Invoice" as used in this paragraph does not include the contractor's requests for progress payments.

2. The use of WAWF-RA electronic form and invoice are in accordance with DFARS Appendix F.

3. In addition to the requirements of the Prompt Payment clause of the contract, the contractor shall cite on each invoice the contract line item (CLIN); the contract subline item number (SUBCLIN), if applicable; the accounting classification reference number (ACRN), and the payment terms.

4. The contractor shall prepare invoices in the form indicated below:

- a separate invoice for each activity designated to receive the supplies or service or
- a consolidated invoice covering all shipments delivered under an individual order.

5. If acceptance is at origin, the contractor shall submit the WAWF-RA electronic form or other acceptance verification directly to the designated payment office.

6. If acceptance is at destination, the consignee will forward acceptance verification to the designated payment office.

c. Submission of Vouchers under Time and Materials and Cost Type Contracts (NOT APPLICABLE TO THIS CONTRACT)

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. The contractor shall submit the final voucher to the cognizant DCAA office and ACO, if applicable.

G-06 (RESERVED)

G-07 (RESERVED)

G-08 (RESERVED)

G-09 (RESERVED)

G-10 (RESERVED)

G-11 (RESERVED)

G-12 (RESERVED)

G-13 (RESERVED)

Section H - Special Contract Requirements

INCORPORATED BY REFERENCE

INCORPORATION OF REPRESENTATIONS AND CERTIFICATIONS BY REFERENCE

All representations and certifications and other written statements made by the contractor in response to MDA REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS of the solicitation or at the request of the Contracting Officer, incident to the award of the contract or modification of this contract, have been retained in the official government contract file and are hereby incorporated by reference with the same full force and effect as if they were given in full text.

CLAUSES INCORPORATED BY FULL TEXT

- H-01 (RESERVED)
- H-02 (RESERVED)
- H-03 (RESERVED)
- H-04 (RESERVED)
- H-05 (RESERVED)
- H-06 (RESERVED)
- H-07 ALTERNATE DISPUTES RESOLUTION (MAY 2005)

The Government and the Contractor will work together to ensure the success of the SBIR/STTR program. The parties realize, however, that disagreements and disputes may arise between them. They agree to use their best efforts to resolve all disagreements and disputes quickly, efficiently and fairly. The Government prefers to resolve all issues arising under or related to the contract by negotiation, first at the Contracting Officer level, and if unresolved, at the Program Director/Manager level. If negotiations reach an impasse, the Government and the Contractor agree to consider using one or more of the ADR processes identified in 5 USC 571. In the event either party rejects the use of ADR procedures, he will inform the other in writing of the specific reasons.

The parties agree that they will establish a written ADR process, tailored to the circumstances, before beginning ADR. Typically, the agreement will address: issues requiring resolution, authorized representatives, appointment of neutrals, audit requirements, confidentiality and duration of the ADR process, suspension of litigation, and a schedule.

This provision does not prevent either party from taking any action to preserve its rights under the Contract Disputes Act or any other statute or regulation. Agreement to this provision is not a condition for award of this contract, nor will objections to this provision be considered in evaluation for award.

H-08 PUBLIC RELEASE OF INFORMATION (MAY 2005) (TAILORED)

- 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 Operating 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) when they are located at the MDA National Capital Region (NCR— address same as paragraph j. below), and the contracting officer (who signed contract on cover sheet for contract award, or designated replacement) for all other contracts.

(1) The contractor shall request a copy of MDA form "Clearance Request For Public Release of Information" (.pdf format) or any superseding form from the MDA COR or contracting officer (when COR is external to MDA NCR).

(2) The contractor shall complete Sections A through I 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 releasability" by signing Section J.1, as Technical Reviewer.

(4) The COR will forward the Clearance Request with the materials to be cleared to the MDA designated point of contact for Section J.2 approval and submission of package to MDA/DC.

(5) The MDA COR or contracting officer (when COR is external to MDA NCR) 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) Seven (7) copies of each item.

(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 Communications (MDA/DC) is responsible for coordinating the public release review. MDA/DC will work directly with the COR if there are questions or concerns regarding submissions. MDA/DC 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 Southgate 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 (RESERVED)

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 FACILITIES (MAY 2005)

The Contractor agrees to provide all necessary facilities (as defined under FAR 45.301 and further defined under FAR 45.101, Definitions of Plant Equipment and Real Property) for the performance of this contract. The term facilities includes all general purpose office equipment and automated data/information processing equipment and software. Accordingly, the Contractor shall not purchase or lease facilities 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 facilities, acquired under this contract, exceed the constructive cost of ownership. Additionally, acquisition or lease of facilities, 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 QUALIFICATIONS (MAY 2005) (TAILORED)

a. 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.)

b. 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.

c. 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).”

Section I - Contract Clauses

CLAUSES INCORPORATED BY REFERENCE

52.202-1	Definitions	JUL 2004
52.203-3	Gratuities	APR 1984
52.204-7	Central Contractor Registration	JUL 2006
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	SEP 1990
52.215-8	Order of Precedence--Uniform Contract Format	OCT 1997
52.222-3	Convict Labor	JUN 2003
52.222-21	Prohibition Of Segregated Facilities	FEB 1999
52.222-26	Equal Opportunity	APR 2002
52.222-35	Equal Opportunity For Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans	DEC 2001
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	DEC 2001
52.225-13	Restrictions on Certain Foreign Purchases	FEB 2006
52.227-1 Alt I	Authorization And Consent (Jul 1995) - Alternate I	APR 1984
52.227-11	Patent Rights--Retention By The Contractor (Short Form)	JUN 1997
52.232-2	Payments Under Fixed-Price Research And Development Contracts	APR 1984
52.232-9	Limitation On Withholding Of Payments	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	Protest After Award	AUG 1996
52.243-1 Alt V	Changes--Fixed-Price (Aug 1987) - Alternate V	APR 1984
52.244-6	Subcontracts for Commercial Items	SEP 2006
52.245-2	Government Property (Fixed Price Contracts)	MAY 2004
52.249-1	Termination For Convenience Of The Government (Fixed Price) (Short Form)	APR 1984
52.249-9	Default (Fixed-Priced Research And Development)	APR 1984
52.253-1	Computer Generated Forms	JAN 1991
252.201-7000	Contracting Officer's Representative	DEC 1991
252.204-7000	Disclosure Of Information	DEC 1991
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7004 Alt A	Required Central Contractor Registration Alternate A	NOV 2003
252.225-7012	Preference For Certain Domestic Commodities	JUN 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

252.227-7028	Technical Data or Computer Software Previously Delivered to the Government	JUN 1995
252.227-7030	Technical Data--Withholding Of Payment	MAR 2000
252.227-7034	Patents--Subcontracts	APR 1984
252.227-7037	Validation of Restrictive Markings on Technical Data	SEP 1999
252.227-7039	Patents--Reporting Of Subject Inventions	APR 1990
252.232-7003	Electronic Submission of Payment Requests	MAY 2006
252.235-7011	Final Scientific or Technical Report	NOV 2004
252.243-7001	Pricing Of Contract Modifications	DEC 1991
252.245-7001	Reports Of Government Property	MAY 1994
252.247-7023	Transportation of Snpplies by Sea	MAY 2002
252.247-7024	Notification Of Transportation Of Supplies By Sea	MAR 2000

CLAUSES INCORPORATED BY FULL TEXT

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	Basis for Assertion **	Asserted Rights Category ***	Name of Person Asserting 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. HQ0006-07-C-7723.

(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
Attachment 1	Statement of Work	3	15-DEC-2006
Attachment 2	Contract Data Requirements List	8	15-DEC-2006

Distribution authorized to US Government agencies only. Other requests for this document must be referred to MDA/DACT.

Status Report I – Phase I Outline and Synopsis

Reporting Period **April 9, 2007 – June 8, 2007**

Contract Number: **HQ0006-07-C-7723**

Data Acquisition Document Number: **DI-ADMN-80447**

Title: **ABL (Airborne Laser) Detection
Sensor Improvements**

Program Manager (COR):

(b)(6)

EPIR Technologies Inc.

E-mail:

**590 Territorial Dr. Unit B
Bolingbrook, IL 60440**

Phone: (b)(6)

Fax: (b)(6)

“The views, opinions, and findings contained in this report are those of the author(s) and should not be construed as an official Department of Defense position, policy, or decision.”

HQ0006-07-C-7723

26 pages denied in full pursuant to 5 U.S.C. § 552 (b)(4)

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Status Report II – Phase I Midterm Report

Reporting Period **June 9, 2007 – July 8, 2007**

Contract Number: **HQ0006-07-C-7723**

Data Acquisition Document Number: **DI-ADMN-80447**

Title: **ABL (Airborne Laser) Detection
Sensor Improvements**

Program Manager (COR):

(b)(6)

EPIR Technologies Inc.

E-mail:

**590 Territorial Dr. Unit B
Bolingbrook, IL 60440**

Phone: (b)(6)

Fax: (b)(6)

“The views, opinions, and findings contained in this report are those of the author(s) and should not be construed as an official Department of Defense position, policy, or decision.”

HQ0006-07-C-7723

11 pages denied in full pursuant to 5 U.S.C. § 552 (b)(4)

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Status Report III – Phase I Progress Status Report

Reporting Period **July 9, 2007 – August 8, 2007**

Contract Number: **HQ0006-07-C-7723**

Data Acquisition Document Number: **DI-ADMN-80447**

Title: **ABL (Airborne Laser) Detection
Sensor Improvements**

Program Manager (COR):

(b)(6)

EPIR Technologies Inc.

E-mail:

**590 Territorial Dr. Unit B
Bolingbrook, IL 60440**

Phone: (b)(6)

Fax: (b)(6)

“The views, opinions, and findings contained in this report are those of the author(s) and should not be construed as an official Department of Defense position, policy, or decision.”

HQ0006-07-C-7723

12 pages denied in full pursuant to 5 U.S.C. § 552 (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 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 Washington Headquarters Service, 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 THE ABOVE ADDRESS.

1. REPORT DATE (DD-MM-YYYY) 24-09-2007		2. REPORT TYPE Phase I Final Report		3. DATES COVERED (From - To) 09-04-2007 - 08-10-2007	
4. TITLE AND SUBTITLE Contract Summary Report Phase I Final Report				5a. CONTRACT NUMBER HQ0006-07-C-7723	
				5b. GRANT NUMBER	
6. AUTHOR(S) (b)(6)				5c. PROGRAM ELEMENT NUMBER	
				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Missile Defense Agency (MDA) Contracts Directorate 7100 Defense Pentagon Washington, DC 20301-7100				5f. WORK UNIT NUMBER	
				8. PERFORMING ORGANIZATION REPORT NUMBER	
				9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) (b)(6) U.S. Air Force 1350 Wyoming SE, Bldg 20200 Kirtland AFB, NM 87117	
10. SPONSOR/MONITOR'S ACRONYM(S) MDA/DACT				11. SPONSORING/MONITORING AGENCY REPORT NUMBER	
12. DISTRIBUTION AVAILABILITY STATEMENT Distribution authorized to US Government agencies only. Other requests for this document must be referred to MDA/DACT.					
13. SUPPLEMENTARY NOTES					
14. ABSTRACT (b)(4)					
15. SUBJECT TERMS avalanche photodiode, LWIR, MBE, HgCdTe, ABL, impact ionization, infrared, lateral collection					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT UU	18. NUMBER OF PAGES 42	19a. NAME OF RESPONSIBLE PERSON (b)(6)
a. REPORT U	b. ABSTRACT U	c. THIS PAGE U			19b. TELEPHONE NUMBER (Include area code) (b)(6)

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Phase I Final Report

Contract Number: HQ0006-07-C-7723
SBIR Topic Number: MDA06-016
Report Submission Date: September 24, 2007
Data Acquisition Document Number: DI-ADMIN-80447, 28 Sep 87
Contract Title: ABL (Airborne Laser) Detection Sensor Improvements
Program Manager (COR): (b)(6)

EPIR Technologies, Inc.

[REDACTED]
E-mail: [REDACTED]

590 Territorial Dr., Unit B
Bolingbrook, IL 60440
Phone: (b)(6)
Fax: (b)(6)

“The views, opinions, and findings contained in this report are those of the author(s) and should not be construed as an official Department of Defense position, policy, or decision.”

HQ0006-07-C-7723

40 pages denied in full pursuant to 5 U.S.C. § 552 (b)(4)

REPORT OF INVENTIONS AND SUBCONTRACTS
 (Pursuant to "Patent Rights" Contract Clause) (See Instructions on back)

Form Approved
 OMB No. 5000-0095
 Expires Oct 31, 2004

The 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 the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services and Communications Directorate (9000-0086). 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 COMPLETED FORM TO THE ABOVE ORGANIZATION. RETURN COMPLETED FORM TO THE CONTRACTING OFFICER.

1. a. NAME OF CONTRACTOR/SUBCONTRACTOR EPIR Technologies, Inc.		c. CONTRACT NUMBER HQ0006-07-C-7723	2. a. NAME OF GOVERNMENT PRIME CONTRACTOR Same		d. CONTRACT NUMBER Same	3. TYPE OF REPORT (X one) a. INTERIM <input checked="" type="checkbox"/> b. FINAL	
b. ADDRESS (Include ZIP Code) 590 Territorial Drive, Suite B Bolingbrook, IL 60440			d. AWARD DATE (YYYYMMDD) 20070409	b. ADDRESS (Include ZIP Code) Same		d. AWARD DATE (YYYYMMDD) Same	4. REPORTING PERIOD (YYYYMMDD) a. FROM 20070409 b. TO 20071008

SECTION I - SUBJECT INVENTIONS

5. "SUBJECT INVENTIONS" REQUIRED TO BE REPORTED BY CONTRACTOR/SUBCONTRACTOR (If "None," so state)

NAME(S) OF INVENTOR(S) (Last, First, Middle Initial) a.	TITLE OF INVENTION(S) b.	DISCLOSURE NUMBER, PATENT APPLICATION SERIAL NUMBER OR PATENT NUMBER c.	ELECTION TO FILE PATENT APPLICATIONS (X) d.				CONFIRMATORY INSTRUMENT OR ASSIGNMENT FORWARDED TO CONTRACTING OFFICER (X) a.	
			1) UNITED STATES		2) FOREIGN		(a) YES	(b) NO
			(a) YES	(b) NO	(a) YES	(b) NO		
None	None	None	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			

6. EMPLOYER OF INVENTOR(S) NOT EMPLOYED BY CONTRACTOR/SUBCONTRACTOR

(1) (a) NAME OF INVENTOR (Last, First, Middle Initial)	(2) (a) NAME OF INVENTOR (Last, First, Middle Initial)	(1) TITLE OF INVENTION	(2) FOREIGN COUNTRIES OF PATENT APPLICATION
(b) NAME OF EMPLOYER	(b) NAME OF EMPLOYER		
(c) ADDRESS OF EMPLOYER (Include ZIP Code)	(c) ADDRESS OF EMPLOYER (Include ZIP Code)		

g. ELECTED FOREIGN COUNTRIES IN WHICH A PATENT APPLICATION WILL BE FILED

SECTION II - SUBCONTRACTS (Containing a "Patent Rights" clause)

8. SUBCONTRACTS AWARDED BY CONTRACTOR/SUBCONTRACTOR (If "None," so state)

NAME OF SUBCONTRACTOR(S) a.	ADDRESS (Include ZIP Code) b.	SUBCONTRACT NUMBER(S) c.	FAR "PATENT RIGHTS" d.		DESCRIPTION OF WORK TO BE PERFORMED UNDER SUBCONTRACT(S) e.	SUBCONTRACT DATES (YYYYMMDD) f.	
			(1) CLAUSE NUMBER	(2) DATE (YYYYMM)		(1) AWARD	(2) ESTIMATED COMPLETION
None							

SECTION III - CERTIFICATION

7. CERTIFICATION OF REPORT BY CONTRACTOR/SUBCONTRACTOR (Not required if: (X) as appropriate) SMALL BUSINESS or NONPROFIT ORGANIZATION

I certify that the reporting party has procedures for prompt identification and timely disclosure of "Subject Inventions," that such procedures have been followed and that all "Subject Inventions" have been reported.

a. NAME OF AUTHORIZED CONTRACTOR/SUBCONTRACTOR OFFICIAL (Last, First, Middle Initial) (b)(6)	b. TITLE (b)(6)	c. (b)(6)	d. DATE SIGNED 10-08-2007
--	--------------------	-----------	------------------------------

INVOICE

* = Required Fields

Contract Number	Delivery Order	Issue Date	<input type="checkbox"/> Supplies <input checked="" type="checkbox"/> Services
HQ000607C7723		2007/04/09	

Invoice Number	Invoice Date	Final Invoice	Invoice Received Date
03	2007/07/31	N	2007/07/31

Summary of Detail Level Information		Total
1	CLIN/SLIN(s)	\$25,000.00
0	Miscellaneous Amount(s)	\$0.00
		\$25,000.00

Shipment Number	Shipment Date	Final Shipment
EPR0003	2007/07/31	N

Routing Information:

Prime Contractor	Ship From
CAGE Code: 1LBM3 Extension:	Code: 1LBM3 Extension:
Name: EPIR TECHNOLOGIES INC	Name: EPIR TECHNOLOGIES INC
Administered By	Ship To
DoDAAC: S1403A	Code: HQ0006 Extension:
Name: DCMA CHICAGO	Name: DEPARTMENT OF DEFENSE
Payment Official	Issue By
DoDAAC: HQ0339	DoDAAC: HQ0006
Name: DFAS - COLUMBUS CENTER	Name: DEPARTMENT OF DEFENSE

*for 5/18/07
C/D*

INVOICE

* = Required Fields

Contract Number	Delivery Order	Issue Date	☐ Supplies ☑ Services
HQ000607C7723		2007/04/09	

Invoice Number	Invoice Date	Final Invoice	Invoice Received Date
01	2007/06/01	N	2007/06/01

Summary of Detail Level Information		Total
1	CLIN/SLIN(s)	\$24,999.00
0	Miscellaneous Amount(s)	\$0.00
		\$24,999.00

Shipment Number	Shipment Date	Final Shipment
EPR0001	2007/06/01	N

Routing Information:

Prime Contractor	Ship From
CAGE Code: 1LBM3 Extension:	Code: 1LBM3 Extension:
Name: EPIR TECHNOLOGIES INC	Name: EPIR TECHNOLOGIES INC
Administered By	Ship To
DoDAAC: S1403A	Code: HQ0006 Extension:
Name: DCMA CHICAGO	Name: DEPARTMENT OF DEFENSE
Payment Official	Issue By
DoDAAC: HQ0339	DoDAAC: HQ0006
Name: DFAS - COLUMBUS CENTER	Name: DEPARTMENT OF DEFENSE

OK
OK
6/1/07

INVOICE

- CONTINUATION SHEET

* = Required Fields

Contract Number HQ000807C7723	Delivery Order	Shipment Number EPR0001	Invoice Number 01
---	-----------------------	-----------------------------------	-----------------------------

					Amount
Item No 0001	Stock # SERVICES	Unit Price \$24,999	Unit of Measure LO	Qty. Shipped 1	\$24,999.00
	Stock Type SV	ACRN AA			
	SDN				
Description					
CONTRACT SUMMARY REPORT "DIRECT BILLING AUTHORIZED" PLEASE FIND ATTACHED DCAA MEMO					
TOTAL:					\$24,999.00

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

INVOICE

- CONTINUATION SHEET

* = Required Fields

Contract Number	Delivery Order	Shipment Number	Invoice Number
HQ000607C7723		EPR0001	01

Item No	CLIN Amount	ACRN Amount	Difference
0001	\$24,999.00	\$0.00	\$24,999.00
	ACRN	Amount	Action

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INVOICE

- CONTINUATION SHEET

* = Required Fields

Contract Number	Delivery Order	Shipment Number	Invoice Number
HQ000607C7723		EPR0001	01

Prime Contractor

Ship From

CAGE Code: 1LBM3 **Extension:**

Code: 1LBM3 **Extension:**

EPIR TECHNOLOGIES INC
590 TERRITORIAL DR
BOLINGBROOK IL 60440 USA

EPIR TECHNOLOGIES INC
590 TERRITORIAL DR
BOLINGBROOK IL 60440 USA

Administered By

Ship To

DoDAAC: S1403A

Code: HQ0006 **Extension:**

DCMA CHICAGO
BLDG 203
1523 WEST CENTRAL ROAD
ARLINGTON HEIGHTS IL 60005-2451

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

Payment Official

Issue By

DoDAAC: HQ0339

DoDAAC: HQ0006

DFAS - COLUMBUS CENTER
WEST ENTITLEMENT OPERATIONS
P O BOX 182381
COLUMBUS OH 43218-2381

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

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INVOICE

- CONTINUATION SHEET

* = Required Fields

Contract Number HQ000607C7723	Delivery Order	Shipment Number EPR0001	Invoice Number 01
---	-----------------------	-----------------------------------	-----------------------------

Initiator Information

Name: (b)(6)
Title:
Phone #:
DSN:
Email:
Org Email:
Comments:

IRD: 2007/08/01
Date of Action: 2007/06/01
Action(s):

Attachments:    

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

RECEIVING REPORT

* = Required Fields

Contract Number HQ000607C7723	Delivery Order	Issue Date 2007/04/09	<input type="checkbox"/> Supplies <input checked="" type="checkbox"/> Services
Shipment Number EPR0001	Shipment Date 2007/06/01	Final Shipment N	Inspection Point D
Acceptance Point D	Estimated Delivery Date	B/L Number	TCN
First Line Haul Mode	Gross Weight		

Summary of Detail Level Information

1	CLIN/SLIN(s)	Total \$24,999.00
---	--------------	-----------------------------

Invoice Number 01	Invoice Date 2007/06/01	Final Invoice N
-----------------------------	-----------------------------------	---------------------------

Routing Information:

Prime Contractor

CAGE Code: 1LBM3 **Extension:**

Name: EPIR TECHNOLOGIES INC

Administered By

DoDAAC: S1403A

Name: DCMA CHICAGO

Ship To

Code: HQ0006 **Extension:**

Name: DEPARTMENT OF DEFENSE

Issue By

DoDAAC: HQ0006

Name: DEPARTMENT OF DEFENSE

Ship From

Code: 1LBM3 **Extension:**

Name: EPIR TECHNOLOGIES INC

Inspect By

DoDAAC: HQ0006 **Extension:**

Name: DEPARTMENT OF DEFENSE

Payment Official

DoDAAC: HQ0339

Name: DFAS - COLUMBUS CENTER

The Invoice and Destination Inspection and Acceptance Receiving Report have been submitted successfully.
The Invoice has been processed via EDI.

Contract Number	Delivery Order	Shipment Number	Invoice Number
HQ000607C7723		EPR0001	01

Email sent to Vendor: (b)(6)
Email sent to Inspector: (b)(6)
Email sent to Inspector: (b)(6)
Email sent to Acceptor: (b)(6)
Email sent to Acceptor: (b)(6)
Email sent to Vendor: (b)(6)

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