AWARD/CONTRACT

1. This Contract Is A Rated Order Under DPAS (15 CFR 700) ▶	**Rating** DOA4	**Page** 1 **Of** 26 **Pages**	
2. Contract (Proc. Inst. Ident.) No. W56HZV-13-C-0076	**3. Effective Date** 2013FEB13	**4. Requisition/Purchase Request/Project No.** SEE SCHEDULE	

5. Issued By **Code** W56HZV

U.S. ARMY CONTRACTING COMMAND
PATRICIA ROUSSIN
WARREN, MICHIGAN 48397-5000
HTTP://CONTRACTING.TACOM.ARMY.MIL

e-mail address: PATRICIA.M.ROUSSIN@US.ARMY.MIL

6. Administered By (If Other Than Item 5) **Code** S4402A

DCMA DALLAS
600 N PEARL STREET SUITE 1630
DALLAS TX 75201-2843

7. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)

WILLIAMS-PYRO, INC
200 GREENLEAF ST
FORT WORTH, TX 76107-1471

Code 27899 **Facility Code**

8. Delivery

☐ **FOB Origin** ☒ **Other (See Below)**

9. Discount For Prompt Payment

10. Submit Invoices (4 Copies Unless Otherwise Specified) To The Address Shown In: ▶ **Item** 12

11. Ship To/Mark For **Code**

SEE SCHEDULE

12. Payment Will Be Made By **Code** HQ0339

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

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 SECTION G

15A. Item No.	15B. Supplies/Services	15C. Quantity	15D. Unit	15E. Unit Price	15F. Amount
SEE SCHEDULE					

15G. Total Amount Of Contract → $150,000.00

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	17
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X	C	Description/Specs./Work Statement	8	X	J	List of Attachments	26
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X	E	Inspection and Acceptance	11		K	Representations, Certifications, and Other Statements of Offerors	
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Contracting Officer Will Complete Item 17 (Sealed-Bid or Negotiated Procurement) Or 18 (Sealed-Bid Procurement) As Applicable

17. ☒ **Contractor's Negotiated Agreement (Contractor is required to sign this document and return** 2 signed **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. ☐ **Sealed-Bid Award (Contractor is not required to sign this document.) Your bid 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 bid, and (b) this award/contract. No further contractual document is necessary. (Block 18 should be checked only when awarding a sealed-bid contract.)**

19A. Name And Title Of Signer (Type Or Print)

20A. Name Of Contracting Officer

LYNN M. BYRNE
LYNN.M.BYRNE@US.ARMY.MIL (586)282-6553

19B. Name of Contractor

By _____
(Signature of person authorized to sign)

19c. Date Signed

20B. United States Of America

By /SIGNED/
(Signature of Contracting Officer)

20C. Date Signed 2013FEB13

SECTION A - SUPPLEMENTAL INFORMATION

Buyer Name: PATRICIA ROUSSIN
Buyer Office Symbol/Telephone Number: CCTA-ASG-C/(586)282-9710
Type of Contract: Firm-Fixed-Price
Kind of Contract: Research and Development Contracts
Type of Business: Other Small Business Performing in U.S.
Surveillance Criticality Designator: C
Weapon System: No Identified Army Weapons Systems

*** End of Narrative A0000 ***

	Regulatory Cite	Title	Date
A-1	52.232-4007 (TACOM)	WIDE AREA WORKFLOW (WAWF), CODES, AND DESIGNATED ACCEPTORS	APR/2008

TACOM-Warren uses WAWF-RA (Receipt and Acceptance) to electronically process vendor requests for payment. (See DFARS clause 252.232-7003, entitled Electronic Submission of Payment Requests and Receiving Reports). Under WAWF-RA, vendors electronically submit (and track) invoices, and receipt/acceptance documents/reports. Submission of hard copy DD250/invoices is no longer acceptable for payment purposes.

The contractor shall register to use WAWF-RA at https://wawf.eb.mil There is no charge to use WAWF. Direct any questions relating to system setup and vendor training to the Help Desk at Ogden, UT at 1-866-618-5988. Web-based training for WAWF is also available at https://wawf.eb.mil

To obtain payment, WAWF requires the contractor to input/indicate the various DoDAAC (Department of Defense Activity Address Code) codes that apply to the acquisition. These codes can be found on the cover page of contracts/orders as described below.

Also, contractors must ensure to include the purchase request number in the line item description. This number can be found under the line item description on the order/contract.

(Type of Invoice: If this contract calls for contractor submission of a Material Inspection and Receiving report by virtue of the inclusion of the clause at DFARS 252.246-7000, Material Inspection and Receiving Report, use a combo Invoice and Receiving Report. If this DFARS clause is NOT in the contract, use a two-in-one invoice as described in WAWF.)

USE THE FOLLOWING CODES TO ROUTE YOUR INVOICES THROUGH WAWF:

- Your firms CAGE code (found in Block 15A of SF 33; Block 17a of SF 1449; Block 14 of SF 1442; Block 7 of SF 26)
- Issue and Admin DoDAAC Code (found in Block 7 of SF 33; Block 9 of SF 1449; Block 7 of SF 1442; Block 5 of SF 26)
- Ship-To DoDAAC Code (Indicate W91ATL)
- Accept-By DoDAAC Code: (Indicate W91ATL)
- Payment DoDAAC Code. (found in Block 25 of SF 33; Block 18a of SF 1449; Block 27 of SF 1442; Block 12 of SF 26)

The WAWF system will prompt for additional e-mail submission after clicking Signature. The following additional e-mail submissions are required:

Primary Acceptor Name: M. Abul Masrur
Primary Acceptor e-mail: m.a.masrur.civ@mail.mil

The paying office DoDAAC and mailing address is located on the first page of the award. To track the status of your invoice, click on the link, Pay status (myInvoice-External link) at the bottom of the left-hand menu.

If your paying office is Columbus, direct any payment-related questions to the Defense Finance Accounting Services (DFAS) Columbus at 1-888-756-4571. Please have your order number and invoice ready when calling about payment status. If your paying office is other than Columbus, contact your contract administrator for the customer service phone/fax numbers.

[End of Clause]

A-2	52.201-4000	ARMY CONTRACTING COMMAND-WARREN (DTA) OMBUDSPERSON	APR/2011

Information regarding the Ombudsperson for this contract is located at the following website:

http://contracting.tacom.army.mil/acqinfo/ombudsperson.htm

[End of Clause]

Name of Offeror or Contractor: WILLIAMS-PYRO, INC

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS				
0001	SERVICES LINE ITEM GENERIC NAME DESCRIPTION: 2011.2 PHASE I SBIR SBIR Topic #ODS11-EP2 The contractor shall furnish all supplies and services necessary to accomplish the tasks specified in Section C - Statement of Work. (End of narrative A001)				
0001AA	IST INTERIM REPORT GENERIC NAME DESCRIPTION: OSD SBIR PH I - Will PRON: R322C199R3 PRON AMD: 01 ACRN: AA AMS CD: 60605502D8Z Supplies/Services in support of 1st Interim Report (CDRL A002) (See B.1). (End of narrative B001) Inspection and Acceptance INSPECTION: Destination ACCEPTANCE: Destination Deliveries or Performance DLVR SCH REL CD / QUANTITY / PERF COMPL DATE 001 / 1 / 15-APR-2013 $ 50,000.00	1	LO		$ 50,000.00
0001AB	2ND INTERIM REPORT GENERIC NAME DESCRIPTION: OSD SBIR PH I - Will PRON: R322C199R3 PRON AMD: 01 ACRN: AA AMS CD: 60605502D8Z Supplies/Services in support of 2nd Interim Report (CDRL A002) (See B.1). (End of narrative B001)	1	LO		$ 50,000.00

Name of Offeror or Contractor: WILLIAMS-PYRO, INC

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Inspection and Acceptance INSPECTION: Destination ACCEPTANCE: Destination Deliveries or Performance DLVR SCH REL CD / QUANTITY / PERF COMPL DATE 001 / 1 / 14-JUN-2013 $ 50,000.00				
0001AC	DRAFT/FINAL REPORT GENERIC NAME DESCRIPTION: OSD SBIR PH I - Will PRON: R322C199R3 PRON AMD: 01 ACRN: AA AMS CD: 60605502D8Z Supplies/Services in support of Draft and Final Report (CDRL A002) (See B.1). (End of narrative B001) Inspection and Acceptance INSPECTION: Destination ACCEPTANCE: Destination Deliveries or Performance DLVR SCH REL CD / QUANTITY / PERF COMPL DATE 001 / 1 / 13-AUG-2013 $ 50,000.00	1	LO		$ 50,000.00
0002	CONTRACT DATA REQUIREMENTS LIST (CDRL) GENERIC NAME DESCRIPTION: 2011.2 PHASE I SBIR Technical Data as set forth in Contract Data Requirements List (CDRL) DD Form 1423, hereinafter referred to as Exhibit A. (End of narrative A001) Inspection and Acceptance INSPECTION: Destination ACCEPTANCE: Destination			$ ** NSP **	$ ** NSP **

Name of Offeror or Contractor: WILLIAMS-PYRO, INC

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003	CONTRACTOR MANPOWER REPORTING GENERIC NAME DESCRIPTION: 2011.2 PHASE I SBIR The contractor shall provide the information required per contract clause 52.237-4000, entitled "Contractor Manpower Reporting". Unit Identification Code (UIC): W4GHAA (End of narrative A001) Inspection and Acceptance INSPECTION: Destination ACCEPTANCE: Destination			$ ** NSP **	$ ** NSP **
0004	DD FORM 882 REPORT OF INVENTIONS GENERIC NAME DESCRIPTION: 2011.2 PHASE I SBIR The contractor shall submit a Report of Inventions and Subcontracts, DD Form 882, within three (3) months after contract completion in accordance with Section I DFARS clause 252.227-7039. A copy of the form can be obatined at: http://www.dtic.mil/whs/directives/infomgt/forms/eforms/dd0882.pdf (End of narrative A001) Inspection and Acceptance INSPECTION: Destination ACCEPTANCE: Destination			$ ** NSP **	$ ** NSP **

B.1 The payments under this contract are to be in accordance with the SubCLINs. SubCLINs 0001AA, 0001AB and 0001AC are set up to pay the contractor at the 2nd, 4th and 6th month, respectively, after contract award. All payments are contingent upon the Contracting Officer's Representative (COR) receiving and approving a DD Form 250. Payment will be made by the office indicated in Block 12 on the face page of the contract.

*** END OF NARRATIVE B0001 ***

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

	Regulatory Cite	Title	Date
C-1	52.204-4003 (TACOM)	START OF WORK MEETING	MAY/2000

The contractor shall host a start of work meeting at its facility, unless some other location is designated in the contract, within (30) days after contract award. The contractor shall at a minimum invite the Contracting Officer's Representative (COR) identified in Section G or in an appointment letter, the Contract Specialist identified on the face page of this document, and the Administrative Contracting Officer (ACO) identified in Section G or in an appointment letter. The COR, Contract Specialist, and ACO shall be given at least 14 days advance notice of the time, date, and location of the start of work meeting. The preferred method of notification is by email.

[End of Clause]

C-2	52.237-4000 (TACOM)	CONTRACTOR MANPOWER REPORTING (CMR)	FEB/2007

The Office of the Assistant Secretary of the Army (Manpower & Reserve Affairs) operates and maintains a secure Army data collection site where the contractor will report ALL contractor manpower (including subcontractor manpower) required for performance of this contract. The contractor is required to completely fill in all the information in the format using the following web address: https://cmra.army.mil . The required information includes the following:

(1) Contracting Office, Contracting Officer, Contracting Officer's Technical Representative;

(2) Contract number, including task and delivery order number;

(3) Beginning and ending dates covered by reporting period;

(4) Contractor name, address, phone number, e-mail address, identity of contractor employee entering data;

(5) Estimated direct labor hours (including sub-contractors);

(6) Estimated direct labor dollars paid this reporting period (including sub-contractors);

(7) Total payments (including sub-contractors);

(8) Predominant Federal Service Code (FSC) reflecting services provided by contractor (and separate predominant FSC for each sub-contractor if different);

(9) Estimated data collection cost;

(10) Organizational title associated with the Unit Identification Code (UIC) for the Army Requiring Activity (the Army Requiring Activity is responsible for providing the contractor with its UIC for the purposes of reporting this information);

(11) Locations where contractor and sub-contractors perform the work (specified by zip code in the United States and nearest city, country, when in an overseas location, using standardized nomenclature provided on website);

(12) Presence of deployment or contingency contract language; and

(13) Number of contractor and sub-contractor employees deployed in theater this reporting period (by country).

As part of its submission, the contractor will also provide the estimated total cost (if any) incurred to comply with this reporting requirement. Reporting period will be the period of performance not to exceed 12 months ending September 30 of each government fiscal year and must be reported by 31 October of each calendar year.

[End of Clause]

STATEMENT OF WORK:

C.1 The Contractor, acting as an independent Contractor and not as an agent of the Government, shall provide the necessary personnel, facilities, materials, and services to complete the effort described on pages 8-12, Phase I Work Plan, of the Contractors proposal, Small Business Innovative Research (SBIR) Program Topic Number OSD11-EP2, Proposal Number O113-EP2-2023, entitled, "Human Machine Interface to Power and Energy Network" (incorporated by reference).

C.2 Deliverables

C.2.1 The Contractor shall submit two (2) Interim Technical Reports and one (1) Final Technical Report in accordance with the requirements of Exhibit A, Contract Data Requirements List (DD Form 1423), Data Item A002.

C.2.1.1 Interim Technical Reports

C.2.1.1.1 Each Interim Technical Report shall be in Contractor format and shall address the technical information and cover all the work performed to date against the Statement of Work.

C.2.1.1.2 Additionally, each Interim Technical Report shall include:

C.2.1.1.2.1 At the beginning of the report shall be: the Contractor's name and address; the contract number; the nomenclature of the program; the date of the report; the period covered by the report; the title of the report; the security classification; and the name of the issuing Government activity;

C.2.1.1.2.2 A description of the progress made against milestones during the reporting period;

C.2.1.1.2.3 Results, positive or negative, obtained relative to previously identified problem areas, with conclusions and recommendations;

C.2.1.1.2.4 Any significant changes to the Contractor's organization or method of operation or to the planned technical milestone schedule;

C.2.1.1.2.5 Problem areas affecting technical or schedule elements, with background and any recommendations for solutions beyond the scope of the contract;

C.2.1.1.2.6 Contract schedule status;

C.2.1.1.2.7 Plans for activities during the following reporting period;

C.2.1.1.2.8 Name and telephone number of the preparer of the report; and

C.2.1.1.2.9 Appendixes for any necessary tables, references, photographs, illustrations, and charts.

C.2.1.1.3 Information contained in the first Technical Interim Report shall not be duplicated in the second Interim Technical Report unless duplication is required to clearly document an effort that overlaps the timeframe of each report.

C.2.1.2 Final Technical Report

C.2.1.2.1 The Contractor shall prepare and submit a Final Technical Report in Contractor format addressing all of the work performed against the Scope of Work (reference C.1) during the contract performance period, in accordance with the requirements of Exhibit A, Contract Data Requirements List (DD Form 1423) Data Item A002.

C.3 Start of Work Meeting

C.3.1 The Contractor shall plan and attend a one-day Start of Work meeting to take place no later than thirty (30) days after award of the base contract. The Government and Contractor shall mutually agree to the date, time and location of the Start of Work meeting. The Contractor shall at a minimum invite the Contracting Officer's Representative (COR) identified in Section G or in an appointment letter, the Contract Specialist identified on the face page of this document, and the Administrative Contracting Officer (ACO). The COR, Contract Specialist, and ACO shall be given at least 14 days advance notice of the time, date, and location of the Start of Work meeting. The preferred method of notification is by email.

*** END OF NARRATIVE C0001 ***

SECTION D - PACKAGING AND MARKING

D.1 Packaging and Packing

D.1.1 All items deliverable under this contract shall be packaged in accordance with standard commercial practice adequate to ensure arrival at destination without damage or loss.

D.2 Marking

D.2.1 The Contractor shall tag or mark all technical data deliverables under this contract with the following information:

TACOM Contract Number
Contractor's Name (or Subcontractor Name, if applicable)
Contractor's Address (or Subcontractor address, if applicable)
A Description of the Deliverable

*** END OF NARRATIVE D0001 ***

SECTION E - INSPECTION AND ACCEPTANCE

	Regulatory Cite	Title	Date
E-1	52.246-9	INSPECTION OF RESEARCH AND DEVELOPMENT (SHORT FORM)	APR/1984
E-2	(52.246-4009) (TACOM)	INSPECTION AND ACCEPTANCE POINTS: DESTINATION	FEB/1995

Inspection and acceptance of supplies offered under this purchase order shall take place as specified here. Inspection: DESTINATION. Acceptance: DESTINATION.

[End of Clause]

E.1 Inspection & Acceptance Point

E.1.1 Inspection and acceptance of all deliverables under this contract shall be made at destination by the Contracting Officer or his duly authorized representative. The determination that the deliverables are complete and conform to the requirements of the contract will be made by the Contracting Officer's Representative (COR) to assure that the results thereof are in accordance with the terms of the contract.

*** END OF NARRATIVE E0001 ***

SECTION F - DELIVERIES OR PERFORMANCE

	Regulatory Cite	Title	Date
F-1	52.242-15	STOP-WORK ORDER	AUG/1989
F-2	52.242-17	GOVERNMENT DELAY OF WORK	APR/1984
F-3	52.247-34	F.O.B. DESTINATION	NOV/1991

F.1 Delivery

F.1.1 All items other than data (if any) called for in the contract shall be delivered FOB destination to:

US Army Tank Automotive Research, Development and
Engineering Center (TARDEC)
ATTN: Abul Masrur, RDTA-RS, MS 121
6501 E. 11 Mile Rd.
Warren, MI 48397-5000

F.1.2 Delivery of data set forth in the contract shall be in accordance with the Contract Data Requirements List (CDRL), DD Form 1423 (Exhibit A).

F.2 Performance - CLINs 0001 and 0002

F.2.1 The period of performance shall be six (6) months from the date of award, including submission of the Final Technical Report.

F.2.2 The Contractor shall prepare and submit a Final Technical Report in Contractor format addressing all of the work performed against the Scope of Work during the contract in accordance with the requirements of Exhibit A, Contract Data Requirements List (DD Form 1423) Data Item A002. Acceptance of the Final Technical Report will constitute completion of the basic contract period.

F.3 Performance - Option Effort (ref. C.4, C.5, and H.1)

F.3.1 The period of performance shall be four (4) months from date of option exercise, including submission of the Addendum to the Final Technical Report.

F.3.2 If exercised, the Contractor shall submit an Interim Addendum and an Addendum to the Final Technical Report in accordance with the requirements of Exhibit A, Contract Data Requirements List (DD Form 1423) Data Item A002. Acceptance of the Final Addendum will constitute completion of the option period.

F.4 Project Summary Report: The Contractor shall prepare and submit a Project Summary Report in accordance with the requirements of Exhibit A, CDRL, Data Item Number A001.

F.5 Contractor Manpower Report - CLIN 0003

F.5.1 The Contractor shall submit Contractor manpower reporting data in accordane with C-2, TACOM clause 52.237-4000. The report shall be entered on the following website by 31 October each year:

https://cmra.army.mil

F.6 Final Patent Report - CLIN 0004

F.6.1 The Contractor shall submit a Report of Inventions and Subcontracts, Form DD882, within three (3) months after contract completion to the Contracting Officer's Representative (COR) and the Contract Specialist.

*** END OF NARRATIVE F0001 ***

SECTION G - CONTRACT ADMINISTRATION DATA

LINE ITEM	PRON/ AMS CD/ MIPR	OBLG STAT	JO NO/ ACCT ASSIGN	ACRN		OBLIGATED AMOUNT
0001AA	R322C199R3 60605502D8Z	1	R.0006210.1.1	AA	$	50,000.00
0001AB	R322C199R3 60605502D8Z	1	R.0006210.1.1	AA	$	50,000.00
0001AC	R322C199R3 60605502D8Z	2	R.0006210.1.1	AA	$	50,000.00
					TOTAL $	150,000.00

ACRN	ACCOUNTING CLASSIFICATION	OBLIGATED AMOUNT
AA	097 201220130400 A60FL 60605502D8Z502 2550 L032431310 R.0006210.1.1 021001	$ 150,000.00
	TOTAL	$ 150,000.00

LINE ITEM	ACRN	EDI/SFIS ACCOUNTING CLASSIFICATION	
0001AA	AA	097 201220130400 A60FL 60605502D8Z502 2550 L032431310 R.0006210.1.1	021001
0001AB	AA	097 201220130400 A60FL 60605502D8Z502 2550 L032431310 R.0006210.1.1	021001
0001AC	AA	097 201220130400 A60FL 60605502D8Z502 2550 L032431310 R.0006210.1.1	021001

	Regulatory Cite	Title	Date
G-1	52.242-4016	COMMUNICATIONS	MAY/2000

Communications on technical matters pertaining to the contract shall be direct between the contractor and the Contracting Officer's Representative (COR). Communications for the Technical Representative shall be addressed to:

Name: Abul Masrur
E-mail: m.a.masrur@mail.mil

The Administrative Contracting Officer's (ACO) name and email address are also provided if known at this time:

ACO: Gero Temesvary
E-mail: gero.temesvary@dcma.mil

Please see the appointment letters prepared at time of contract award for functions the Technical Representative and ACO will perform on this contract.

[End of Clause]

G-2	252.204-0005 (DFARS PGI)	PAYMENT INSTRUCTIONS FOR THE DEFENSE FINANCE AND ACCOUNTING SERVICE (DFAS) - Line Item Specific: by Cancellation Date	SEP/2009

The payment office shall make payment using the ACRN with the earliest cancellation date first, exhausting all funds in that ACRN before disbursing funds from the next. In the event there is more than one ACRN associated with the same cancellation date, the payment amount shall be disbursed from each ACRN with the same cancellation date in the same proportion as the amount of funding obligated for each ACRN with the same cancellation date.

[End of Clause]

G-3	52.227-4004 (TACOM)	RELEASE OF INFORMATION	OCT/2003

The contractor shall ensure that he complies with the requirements of Chapter 5, page 22, paragraph 5-48, of AR 360-1, The Army Public Affairs Program, dated 15 Sep 2000, prior to contemplated release of any procurement information. Approval of the Contracting Officer is required prior to release of any such information. AR 360-1 may be found at

www.asaie.army.mil/Public/IE/Toolbox/documents/r360_1.pdf

[End of Clause]

G.1 Contractor Special Billing Instructions

G.1.1 The Contractor shall bill to the six-digit SubCLIN and ACRN in accordance with DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

G.2 DFAS Special Payment Instructions

G.2.1 DFAS will make payments as billed.

G.3 Wide Area Workflow (WAWF) Notification

G.3.1 The Contractor must notify the Contracting Officer's Representative (COR) by e-mail whenever an invoice or public voucher is placed into WAWF for processing and payment. This notification is to ensure timely processing and payment for the invoice or public voucher. The COR needs to review the invoice or public voucher before approval.

*** END OF NARRATIVE G0001 ***

SECTION H - SPECIAL CONTRACT REQUIREMENTS

	Regulatory Cite	Title	Date
H-1	52.204-4005	REQUIRED USE OF ELECTRONIC CONTRACTING	SEP/2004

(a) All contract awards, modifications and delivery orders issued by Army Contracting Command - Warren (DTA) will be issued electronically. The contractor has the option to receive these actions either via the Worldwide Web (WWW) or Electronic Data Interchange (EDI). Many provisions/clauses that appear "by reference," meaning only clause titles and regulation site are listed; their full texts can be found at the website http://farsite.hill.af.mil/

(b) In order to be eligible to receive an award under this solicitation, the successful offeror must be registered with the Department of Defense (DOD) Central Contractor Registration (CCR). The CCR registration process may be done electronically at the World Wide Web (WWW) site: http://www.ccr.gov/ . (In order to be registered to use EDI, you must use the long form for registration. Certification information, including information on the EDI 838 TPP, must be furnished to the Contracting Officer within 60 calendar days after contract award to complete networking requirements within the Government.)

(c) Worldwide Web Distribution. The contractor will receive an electronic Notice of the Award, Modification, or Delivery Order via e-mail. If you choose the WWW option, you must download the file from the appropriate Army Contracting Command - Warren webpage:

Warren: http://contracting.tacom.army.mil/CFDATA/AWARDS/AWARD_RPT01.cfm
Rock Island: https://aais.ria.army.mil/AAIS/AWDINFO/index.htm
Picatinny: http://procnet.pica.army.mil/dbi/DynCBD/award.cfm
Red River Army Depot: http://www.redriver.army.mil/contractingframes/RecentAwardsDPD.cfm
Anniston Army Depot: http://www.anadprocnet.army.mil/

(d) Electronic Data Interchange. If you choose to receive contract awards, modifications and delivery orders through EDI, they will be delivered electronically via the Federal Acquisition Network (FACNET). Federal Standard Version 3050 of Standard X12 from the American National Standards Institute (ANSI) will be used as the format for these electronic transactions.

(1) You must complete the EDI 838 Trading Partner Profile, and must agree (i) to subcontract with a DoD certified VAN or Value Added Service (VAS) provider, or (ii) to become DoD certified as a Value Added Network (VAN). The EDI 838 Training Partner Profile is contained in the basic CCR registration form and includes portions of the registration form which are titled "Optional".

(2) You must select a VAN from the official DoD approved list. DoD Certified VANs are listed at http://www.acq.osd.mil/dpap/ebiz/VANs.htm . If your VAN is later removed from the official list, or if you voluntarily drop your initially selected VAN, then you must switch to a VAN that remains on the official DoD approved list. You must maintain an active account on a DoD approved VAN for the entire duration of the contract, beginning no later than the 60th day after award.

(e) Unless otherwise specified elsewhere in the contract, all data items you are required to provide under this contract must be submitted electronically. Please go to the following webpage for detailed information about submitting your offer electronically: http://contracting.tacom.army.mil/acqinfo/ebidnotice.htm

(f) Additional information can be obtained by sending a message to: DAMI_acqcenweb@conus.army.mil or by calling (586) 282-7059.

SPECIAL PROVISIONS

H.1 Government-Furnished Property (GFP)

H.1.1 The Government may furnish such items of Government-owned property as deemed necessary to assist the Contractor in the performance of the contract requirements.

H.1.2 Upon completion of the contract or in the event of the termination of the contract, either partial or complete, all Government-owned property, including both property furnished to the Contractor and property acquired by the Contractor on the account of the Government, which will have become surplus or excess to any remaining contract requirements, shall be reported immediately by the Contractor to the Contracting Officer at the US Army Contracting Command, TACOM Contracting Center, ATTN: CCTA-ASG-C Warren, MI 48397-5000 for redistribution, shipping instructions, release for disposal, or other actions.

H.1.3 Specific Government-Furnished Property to be provided is/are as follows:

Item	Qty	Serial No./NSN (if applicable)	Acquisition Value

"NONE"

*** END OF NARRATIVE H0001 ***

SECTION I - CONTRACT CLAUSES

	Regulatory Cite	Title	Date
I-1	52.215-8	ORDER OF PRECEDENCE--UNIFORM CONTRACT FORMAT	OCT/1997
I-2	52.215-17	WAIVER OF FACILITIES CAPITAL COST OF MONEY	OCT/1997
I-3	52.219-6	NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE	NOV/2011
I-4	52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES	FEB/1997
I-5	52.223-18	ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING	AUG/2011
I-6	52.227-1	AUTHORIZATION AND CONSENT	DEC/2007
I-7	52.229-3	FEDERAL, STATE, AND LOCAL TAXES	APR/2003
I-8	52.232-2	PAYMENTS UNDER FIXED-PRICE RESEARCH AND DEVELOPMENT CONTRACTS	APR/1984
I-9	52.232-9	LIMITATION ON WITHHOLDING OF PAYMENTS	APR/1984
I-10	52.232-23	ASSIGNMENT OF CLAIMS (JAN 1986) -- ALTERNATE I (APR 1984)	APR/1984
I-11	52.243-1	CHANGES--FIXED PRICE	AUG/1987
I-12	52.249-9	DEFAULT (FIXED-PRICE RESEARCH AND DEVELOPMENT)	APR/1984
I-13	252.201-7000	CONTRACTING OFFICER'S REPRESENTATIVE	DEC/1991
I-14	252.203-7000	REQUIREMENTS RELATING TO COMPENSATION OF FORMER DOD OFFICIALS	SEP/2011
I-15	252.203-7002	REQUIREMENT TO INFORM EMPLOYEES OF WHISTLEBLOWER RIGHTS	JAN/2009
I-16	252.204-7000	DISCLOSURE OF INFORMATION	DEC/1991
I-17	252.204-7002	PAYMENT FOR SUBLINE ITEMS NOT SEPARATELY PRICED	DEC/1991
I-18	252.204-7003	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT	APR/1992
I-19	252.204-7006	BILLING INSTRUCTIONS	OCT/2005
I-20	252.204-7008	EXPORT-CONTROLLED ITEMS	APR/2010
I-21	252.215-7000	PRICING ADJUSTMENTS	DEC/1991
I-22	252.225-7001	BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM	OCT/2011
I-23	252.225-7002	QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS	APR/2003
I-24	252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS	JUN/2011
I-25	252.225-7033	WAIVER OF UNITED KINGDOM LEVIES	APR/2003
I-26	252.227-7013	RIGHTS IN TECHNICAL DATA--NONCOMMERCIAL ITEMS	FEB/2012
I-27	252.227-7014	RIGHTS IN NONCOMMERCIAL COMPUTER SOFTWARE AND NONCOMMERCIAL COMPUTER SOFTWARE DOCUMENTATION	FEB/2012
I-28	252.227-7015	TECHNICAL DATA--COMMERCIAL ITEMS	DEC/2011
I-29	252.227-7016	RIGHTS IN BID OR PROPOSAL INFORMATION	JAN/2011
I-30	252.227-7018	RIGHTS IN NONCOMMERCIAL TECHNICAL DATA AND COMPUTER SOFTWARE--SMALL BUSINESS INNOVATION RESEARCH (SBIR) PROGRAM	MAR/2011
I-31	252.227-7019	VALIDATION OF ASSERTED RESTRICTIONS--COMPUTER SOFTWARE	SEP/2011
I-32	252.227-7025	LIMITATIONS ON THE USE OR DISCLOSURE OF GOVERNMENT-FURNISHED INFORMATION MARKED WITH RESTRICTIVE LEGENDS	MAR/2011
I-33	252.227-7027	DEFERRED ORDERING OF TECHNICAL DATA OR COMPUTER SOFTWARE	APR/1988
I-34	252.227-7030	TECHNICAL DATA--WITHHOLDING OF PAYMENT	MAR/2000
I-35	252.227-7037	VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA	SEP/2011
I-36	252.227-7039	PATENTS--REPORTING OF SUBJECT INVENTIONS	APR/1990
I-37	252.231-7000	SUPPLEMENTAL COST PRINCIPLES	DEC/1991
I-38	252.232-7003	ELECTRONIC SUBMISSION OF PAYMENT REQUESTS AND RECEIVING REPORTS	MAR/2008
I-39	252.232-7010	LEVIES ON CONTRACT PAYMENTS	DEC/2006
I-40	252.235-7011	FINAL SCIENTIFIC OR TECHNICAL REPORT	NOV/2004
I-41	252.237-7010	PROHIBITION ON INTERROGATION OF DETAINEES BY CONTRACTOR PERSONNEL	NOV/2010
I-42	252.243-7001	PRICING OF CONTRACT MODIFICATIONS	DEC/1991
I-43	252.244-7000	SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS (DOD CONTRACTS)	SEP/2011
I-44	252.246-7001	WARRANTY OF DATA	DEC/1991
I-45	252.247-7023	TRANSPORTATION OF SUPPLIES BY SEA (MAY 2002) -- ALTERNATE III (MAY 2002)	MAY/2002
I-46	252.247-7024	NOTIFICATION OF TRANSPORTATION OF SUPPLIES BY SEA	MAR/2000
I-47	52.227-11	PATENT RIGHTS--OWNERSHIP BY THE CONTRACTOR	DEC/2007

(a) As used in this clause--

Invention means any invention or discovery that is or may be patentable or otherwise protectable under title 35 of the U.S. Code, or any variety of plant that is or may be protectable under the Plant Variety Protection Act (7 U.S.C. 2321, et seq.)

Made means--

(1) When used in relation to any invention other than a plant variety, the conception or first actual reduction to practice of the invention; or

(2) When used in relation to a plant variety, that the Contractor has at least tentatively determined that the variety has been reproduced with recognized characteristics.

Nonprofit organization means a university or other institution of higher education or an organization of the type described in section 501(c)(3) of the Internal Revenue Code of 1954 (26 U.S.C. 501(c)) and exempt from taxation under section 501(a) of the Internal Revenue Code (26 U.S.C. 501(a)), or any nonprofit scientific or educational organization qualified under a State nonprofit organization statute.

Practical application means to manufacture, in the case of a composition of product; to practice, in the case of a process or method; or to operate, in the case of a machine or system; and, in each case, under such conditions as to establish that the invention is being utilized and that its benefits are, to the extent permitted by law or Government regulations, available to the public on reasonable terms.

Subject invention means any invention of the Contractor made in the performance of work under this contract.

(b) Contractor's rights. (1) Ownership. The Contractor may retain ownership of each subject invention throughout the world in accordance with the provisions of this clause.

(2) License. (i) The Contractor shall retain a nonexclusive royalty-free license throughout the world in each subject invention to which the Government obtains title, unless the Contractor fails to disclose the invention within the times specified in paragraph (c) of this clause. The Contractor's license extends to any domestic subsidiaries and affiliates within the corporate structure of which the Contractor is a part, and includes the right to grant sublicenses to the extent the Contractor was legally obligated to do so at contract award. The license is transferable only with the written approval of the agency, except when transferred to the successor of that part of the Contractor's business to which the invention pertains.

(ii) The Contractor's license may be revoked or modified by the agency to the extent necessary to achieve expeditious practical application of the subject invention in a particular country in accordance with the procedures in FAR 27.302(i)(2) and 27.304-1(f).

(c) Contractor's obligations. (1) The Contractor shall disclose in writing each subject invention to the Contracting Officer within 2 months after the inventor discloses it in writing to Contractor personnel responsible for patent matters. The disclosure shall identify the inventor(s) and this contract under which the subject invention was made. It shall be sufficiently complete in technical detail to convey a clear understanding of the subject invention. The disclosure shall also identify any publication, on sale (i.e., sale or offer for sale), or public use of the subject invention, or whether a manuscript describing the subject invention has been submitted for publication and, if so, whether it has been accepted for publication. In addition, after disclosure to the agency, the Contractor shall promptly notify the Contracting Officer of the acceptance of any manuscript describing the subject invention for publication and any on sale or public use.

(2) The Contractor shall elect in writing whether or not to retain ownership of any subject invention by notifying the Contracting Officer within 2 years of disclosure to the agency. However, in any case where publication, on sale, or public use has initiated the 1-year statutory period during which valid patent protection can be obtained in the United States, the period for election of title may be shortened by the agency to a date that is no more than 60 days prior to the end of the statutory period.

(3) The Contractor shall file either a provisional or a nonprovisional patent application or a Plant Variety Protection Application on an elected subject invention within 1 year after election. However, in any case where a publication, on sale, or public use has initiated the 1-year statutory period during which valid patent protection can be obtained in the United States, the Contractor shall file the application prior to the end of that statutory period. If the Contractor files a provisional application, it shall file a nonprovisional application within 10 months of the filing of the provisional application. The Contractor shall file patent applications in additional countries or international patent offices within either 10 months of the first filed patent application (whether provisional or nonprovisional) or 6 months from the date permission is granted by the Commissioner of Patents to file foreign patent applications where such filing has been prohibited by a Secrecy Order.

(4) The Contractor may request extensions of time for disclosure, election, or filing under paragraphs (c)(1), (c)(2), and (c)(3) of this clause.

(d) Government's rights--(1) Ownership. The Contractor shall assign to the agency, on written request, title to any subject invention--

(i) If the Contractor fails to disclose or elect ownership to the subject invention within the times specified in paragraph (c) of this clause, or elects not to retain ownership; provided, that the agency may request title only within 60 days after learning of the Contractor's failure to disclose or elect within the specified times.

(ii) In those countries in which the Contractor fails to file patent applications within the times specified in paragraph (c) of this clause; provided, however, that if the Contractor has filed a patent application in a country after the times specified in paragraph (c) of this clause, but prior to its receipt of the written request of the agency, the Contractor shall continue to retain

ownership in that country.

(iii) In any country in which the Contractor decides not to continue the prosecution of any application for, to pay the maintenance fees on, or defend in reexamination or opposition proceeding on, a patent on a subject invention.

(2) License. If the Contractor retains ownership of any subject invention, the Government shall have a nonexclusive, nontransferable, irrevocable, paid-up license to practice, or have practiced for or on its behalf, the subject invention throughout the world.

(e) Contractor action to protect the Government's interest. (1) The Contractor shall execute or have executed and promptly deliver to the agency all instruments necessary to--

(i) Establish or confirm the rights the Government has throughout the world in those subject inventions in which the Contractor elects to retain ownership; and

(ii) Assign title to the agency when requested under paragraph (d) of this clause and to enable the Government to obtain patent protection and plant variety protection for that subject invention in any country.

(2) The Contractor shall require, by written agreement, its employees, other than clerical and nontechnical employees, to disclose promptly in writing to personnel identified as responsible for the administration of patent matters and in the Contractor's format, each subject invention in order that the Contractor can comply with the disclosure provisions of paragraph (c) of this clause, and to execute all papers necessary to file patent applications on subject inventions and to establish the Government's rights in the subject inventions. The disclosure format should require, as a minimum, the information required by paragraph (c)(1) of this clause. The Contractor shall instruct such employees, through employee agreements or other suitable educational programs, as to the importance of reporting inventions in sufficient time to permit the filing of patent applications prior to U.S. or foreign statutory bars.

(3) The Contractor shall notify the Contracting Officer of any decisions not to file a nonprovisional patent application, continue the prosecution of a patent application, pay maintenance fees, or defend in a reexamination or opposition proceeding on a patent, in any country, not less than 30 days before the expiration of the response or filing period required by the relevant patent office.

(4) The Contractor shall include, within the specification of any United States nonprovisional patent or plant variety protection application and any patent or plant variety protection certificate issuing thereon covering a subject invention, the following statement, "This invention was made with Government support under (identify the contract) awarded by (identify the agency). The Government has certain rights in the invention."

(f) Reporting on utilization of subject inventions. The Contractor shall submit, on request, periodic reports no more frequently than annually on the utilization of a subject invention or on efforts at obtaining utilization of the subject invention that are being made by the Contractor or its licensees or assignees. The reports shall include information regarding the status of development, date of first commercial sale or use, gross royalties received by the Contractor, and other data and information as the agency may reasonably specify. The Contractor also shall provide additional reports as may be requested by the agency in connection with any march-in proceeding undertaken by the agency in accordance with paragraph (h) of this clause. The Contractor also shall mark any utilization report as confidential/proprietary to help prevent inadvertent release outside the Government. As required by 35 U.S.C. 202(c)(5), the agency will not disclose that information to persons outside the Government without the Contractor's permission.

(g) Preference for United States industry. Notwithstanding any other provision of this clause, neither the Contractor nor any assignee shall grant to any person the exclusive right to use or sell any subject invention in the United States unless the person agrees that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States. However, in individual cases, the requirement for an agreement may be waived by the agency upon a showing by the Contractor or its assignee that reasonable but unsuccessful efforts have been made to grant licenses on similar terms to potential licensees that would be likely to manufacture substantially in the United States, or that under the circumstances domestic manufacture is not commercially feasible.

(h) March-in rights. The Contractor acknowledges that, with respect to any subject invention in which it has retained ownership, the agency has the right to require licensing pursuant to 35 U.S.C. 203 and 210(c), and in accordance with the procedures in 37 CFR 401.6 and any supplemental regulations of the agency in effect on the date of contract award.

(i) Special provisions for contracts with nonprofit organizations. If the Contractor is a nonprofit organization, it shall--

(1) Not assign rights to a subject invention in the United States without the written approval of the agency, except where an assignment is made to an organization that has as one of its primary functions the management of inventions, provided, that the assignee shall be subject to the same provisions as the Contractor;

(2) Share royalties collected on a subject invention with the inventor, including Federal employee co-inventors (but through their agency if the agency deems it appropriate) when the subject invention is assigned in accordance with 35 U.S.C. 202(e) and 37 CFR 401.10;

(3) Use the balance of any royalties or income earned by the Contractor with respect to subject inventions, after payment of expenses (including payments to inventors) incidental to the administration of subject inventions for the support of scientific research or education; and

(4) Make efforts that are reasonable under the circumstances to attract licensees of subject inventions that are small business concerns, and give a preference to a small business concern when licensing a subject invention if the Contractor determines that the small business concern has a plan or proposal for marketing the invention which, if executed, is equally as likely to bring the invention to practical application as any plans or proposals from applicants that are not small business concerns; provided, that the Contractor is also satisfied that the small business concern has the capability and resources to carry out its plan or proposal. The decision whether to give a preference in any specific case will be
at the discretion of the Contractor.

(5) Allow the Secretary of Commerce to review the Contractor's licensing program and decisions regarding small business applicants, and negotiate changes to its licensing policies, procedures, or practices with the Secretary of Commerce when the Secretary's review discloses that the Contractor could take reasonable steps to more effectively implement the requirements of paragraph (i)(4) of this clause.

(j) Communications. N/A

(k) Subcontracts. (1) The Contractor shall include the substance of this clause, including this paragraph (k), in all subcontracts for experimental, developmental, or research work to be performed by a small business concern or nonprofit organization.

(2) The Contractor shall include in all other subcontracts for experimental, developmental, or research work the substance of the patent rights clause required by FAR Subpart 27.3.

(3) At all tiers, the patent rights clause must be modified to identify the parties as follows: references to the Government are not changed, and the subcontractor has all rights and obligations of the Contractor in the clause. The Contractor shall not, as part of the consideration for awarding the subcontract, obtain rights in the subcontractor's subject inventions.

(4) In subcontracts, at any tier, the agency, the subcontractor, and the Contractor agree that the mutual obligations of the parties created by this clause constitute a contract between the subcontractor and the agency with respect to the matters covered by the clause; provided, however, that nothing in this paragraph is intended to confer any jurisdiction under the Contract Disputes Act in connection with proceedings under paragraph (h) of this clause.

(End of clause)

I-48 252.235-7010 ACKNOWLEDGMENT OF SUPPORT AND DISCLAIMER MAY/1995

(a) The Contractor shall include an acknowledgment of the Governments 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 United States Army under Contract No. W56HZV-13-C-0076.

(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 United States Army.

(End of clause)

I-49 52.213-4 TERMS AND CONDITIONS--SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS) MAR/2012

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses that are incorporated by reference:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.222-3, Convict Labor (June 2003) (E.O. 11755).

(ii) 52.222-21, Prohibition of Segregated Facilities (Feb 1999) (E.O. 11246).

(iii) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).

(iv) 52.222-50, Combating Trafficking in Persons (Feb 2009)(22 U.S.C. 7104(g)).

(v) 52.225-13, Restrictions on Certain Foreign Purchases (June 2008) (E.o.s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

(vi) 52.233-3, Protest After Award (Aug 1996) (31 U.S.C. 3553).

(vii) 52.233-4, Applicable Law for Breach of Contract Claim (Oct 2004) (Pub. L. 108-77, 108-78).

(2) Listed below are additional clauses that apply:

(i) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (Feb 2012) (31 U.S.C. 6101 note).

(ii) 52.232-1, Payments (Apr 1984).

(iii) 52.232-8, Discounts for Prompt Payment (Feb 2002).

(iv) 52.232-11, Extras (Apr 1984).

(v) 52.232-25, Prompt Payment (Oct 2008).

(vi) 52.233-1, Disputes (July 2002).

(vii) 52.244-6, Subcontracts for Commercial Items (Jan 2011).

(viii) 52.253-1, Computer Generated Forms (Jan 1991).

(b) The Contractor shall comply with the following FAR clauses, incorporated by reference, unless the circumstances do not apply:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.222-19, Child LaborCooperation with Authorities and Remedies (Mar 2012) (E.O. 13126). (Applies to contracts for supplies exceeding the micro-purchase threshold.)

(ii) 52.222-20, Walsh-Healey Public Contracts Act (Oct 2010) (41 U.S.C. 35-45) (Applies to supply contracts over $15,000 in the United States, Puerto Rico, or the U.S. Virgin Islands).

(iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sep 2010) (38 U.S.C. 4212) (Applies to contracts of $100,000 or more).

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (Oct 2010) (29 U.S.C. 793) (Applies to contracts over $15,000, unless the work is to be performed outside the United States by employees recruited outside the United States.) (For purposes of this clause, United States includes the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.)

(v) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sep 2010) (38 U.S.C. 4212) (Applies to contracts of $100,000 or more).

(vi) 52.222-41, Service Contract Act of 1965, (Nov 2007) (41 U.S.C. 351, et seq.) (Applies to service contracts over $2,500 that are subject to the Service Contract Act and will be performed in the United States, District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wade Island, or the outer continental shelf lands).

(vii) 52.223-5, Pollution Prevention and Right-to-Know Information (May 2011) (E.O. 13148) (Applies to services performed on Federal facilities).

(viii) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007) (42 U.S.C. 8259b) (Unless exempt pursuant to 23.204, applies to contracts when energy-consuming products listed in the ENERGY STAR[reg] Program or Federal Energy Management Program (FEMP) will be--

(A) Delivered;

(B) Acquired by the Contractor for use in performing services at a Federally-controlled facility;

(C) Furnished by the Contractor for use by the Government; or

(D) Specified in the design of a building or work, or incorporated during its construction, renovation, or maintenance.)

(ix) 52.225-1, Buy American ActSupplies (Feb 2009) (41 U.S.C. 10a-10d) (Applies to contracts for supplies, and to contracts for services involving the furnishing of supplies, for use within the United States or its outlying areas, if the value of the supply contract or supply portion of a service contract exceeds the micro-purchase threshold and the acquisition--

(A) Is set aside for small business concerns; or

(B) Cannot be set aside for small business concerns (see 19.502-2), and does not exceed $25,000.)

(x) 52.232-33, Payment by Electronic Funds TransferCentral Contractor Registration (Oct 2003). (Applies when the payment will be made by electronic funds transfer (EFT) and the payment office uses the Central Contractor Registration (CCR) database as its source of EFT information.)

(xi) 52.232-34, Payment by Electronic Funds TransferOther than Central Contractor Registration (May 1999). (Applies when the payment will be made by EFT and the payment office does not use the CCR database as its source of EFT information.)

(xii) 52.247-64 Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx 1241). Applies to supplies transported by ocean vessels (except for the types of subcontracts listed at 47.504(d).)

(2) Listed below are additional clauses that may apply:

(i) 52.209-6, Protecting the Governments Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (Dec 2010) (31 U.S.C. 6101 note). (Applies to contracts over $30,000).

(ii) 52.211-17, Delivery of Excess Quantities (Sep 1989) (Applies to fixed-price supplies).

(iii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (Mar 2009) (Pub. L. 110-247) (Applies to contracts greater than $25,000 that provide for the provision, the service, or the sale of food in the United States.)

(iv) 52.247-29, F.o.b. Origin (Feb 2006) (Applies to supplies if delivery is f.o.b. origin).

(v) 52.247-34, F.o.b. Destination (Nov 1991) (Applies to supplies if delivery is f.o.b. destination).

(c) FAR 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/VFFARA.HTM or http://farsite.hill.af.mil/VFDFARA.HTM or http://farsite.hill.af.mil/VFAFARa.HTM

(d) Inspection/Acceptance. The Contractor shall tender for acceptance only those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its postacceptance rights --

(1) Within a reasonable period of time after the defect was discovered or should have been discovered; and

(2) Before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(e) Excusable delays. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence, such as acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(f) Termination for the Governments convenience. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges that the Contractor can demonstrate to the satisfaction of the Government, using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost

principles for this purpose. This paragraph does not give the Government any right to audit the Contractors records. The Contractor shall not be paid for any work performed or costs incurred that reasonably could have been avoided.

(g) Termination for cause. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(h) Warranty. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(End of Clause)

I-50 52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION APR/2009

(a) Definitions. As used in this clause--

"Long-term contract" means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (c) of this clause. Such a concern is "not dominant in its field of operation" when it does not exercise a controlling or major influence on a national basis in a kind of business activity in which a number of business concerns are primarily engaged. In determining whether dominance exists, consideration shall be given to all appropriate factors, including volume of business, number of employees, financial resources, competitive status or position, ownership or control of materials, processes, patents, license agreements, facilities, sales territory, and nature of business activity.

(b) If the Contractor represented that it was a small business concern prior to award of this contract, the Contractor shall rerepresent its size status according to paragraph (e) of this clause or, if applicable, paragraph (g) of this clause, upon the occurrence of any of the following:

(1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.

(2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract.

(3) For long-term contracts

(i) Within 60 to 120 days prior to the end of the fifth year of the contract; and

(ii) Within 60 to 120 days prior to the date specified in the contract for exercising any option thereafter.

(c) The Contractor shall rerepresent its size status in accordance with the size standard in effect at the time of this rerepresentation that corresponds to the North American Industry Classification System (NAICS) code assigned to this contract. The small business size standard corresponding to this NAICS code can be found at http://www.sba.gov/services/contractingopportunities/sizestandardstopics/ .

(d) The small business size standard for a Contractor providing a product which it does not manufacture itself, for a contract other than a construction or service contract, is 500 employees.

(e) Except as provided in paragraph (g) of this clause, the Contractor shall make the rerepresentation required by paragraph (b) of this clause by validating or updating all its representations in the Online Representations and Certifications Application and its data in the Central Contractor Registration, as necessary, to ensure that they reflect the Contractor's current status. The Contractor shall notify the contracting office in writing within the timeframes specified in paragraph (b) of this clause that the data have been validated or updated, and provide the date of the validation or update.

(f) If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (e) or (g) of this clause.

(g) If the Contractor does not have representations and certifications in ORCA, or does not have a representation in ORCA for the NAICS code applicable to this contract, the Contractor is required to complete the following rerepresentation and submit it to the contracting office, along with the contract number and the date on which the rerepresentation was completed:

By signature of this contract, the Contractor represents that it [X] is, [ ] is not a small business concern under NAICS Code 541712 assigned to contract number W56HZV-13-C-0076.

(End of clause)

I-51 52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES APR/1984

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the date of the clause.

(b) The use in this solicitation or contract of any DoD FAR SUPPLEMENT (48 CFR 2) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the name of the regulation.

(End of Clause)

I-52 52.204-4009 MANDATORY USE OF CONTRACTOR TO GOVERNMENT ELECTRONIC COMMUNICATION MAR/2005

(a) All references in the contract to the submission of written documentation shall mean electronic submission. All electronic submissions shall be in the formats and media described in the website:

http://contracting.tacom.army.mil/acqinfo/ebidnotice.htm

(b) This shall include all written unclassified communications between the Government and the Contractor except contract awards and contract modifications which shall be posted on the internet. Return receipt shall be used if a commercial application is available. Classified information shall be handled in full accordance with the appropriate security requirements.

(c) In order to be contractually binding, all Government communications requiring a Contracting Officer signature must be sent from the Contracting Officer's e-mail address. The Contractor shall designate the personnel with signature authority who can contractually bind the contractor. All binding contractor communication shall be sent from this contractor e-mail address(es).

(d) Upon award, the Contractor shall provide the Contracting Officer with a list of e-mail addresses for all administrative and technical personnel assigned to this contract.

(e) Unless exempted by the Procuring Contracting Officer in writing, all unclassified written communication after contract award shall be transmitted electronically.

[End of Clause]

The clauses below are incorporated by reference with the same force and effect as if they were given in full text. The full text of a clause may be accessed electronically at the following web address:

http://farsite.hill.af.mil/VFFARA.HTM

Regulatory Cite	Title	Date
252.227-7017	IDENTIFICATION AND ASSERTION OF USE, RELEASE, OR DISCLOSURE RESTRICTIONS	JUN/1995
252.227-7028	TECHNICAL DATA OR COMPUTER SOFTWARE PREVIOUSLY DELIVERED TO THE GOVERNMENT	JUN/1995

*** END OF NARRATIVE I0001 ***

SECTION J - LIST OF ATTACHMENTS

List of Addenda	Title	Date	Number of Pages	Transmitted By
Exhibit A	CONTRACT DATA REQUIREMENTS LIST	08-NOV-2012	002	

CONTRACT DATA REQUIREMENT LIST Form Approval OMB No. 0704-0188

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

A. CONTRACT LINE ITEM NO.: 001 D. SYSTEM/ITEM...: Human Machine Interface to Power and Energy Network
B. EXHIBIT : A E. CONTRACT/PR NO.:
C. CATEGORY.....: Reports F. CONTRACTOR.....: Williams-Pyro, Inc.

1. DATA ITEM NO. ....: A001
2. TITLE OF DATA ITEM: Contractor's Progress and Management Report
3. SUBTITLE .....: Quarterly
4. AUTHORITY .....: DI-MGMT-80227(T) (see 16a. below)
5. CONTRACT REFERENCE: C.2.1
6. REQUIRING OFFICE..: RDTA-RS/MS 121 9. DIST. STATEMENT REQUIRED: XX 12. DATE OF FIRST SUB: 60 DAC
7. WAWF/DD250 REQ\'85 . : 10. FREQUENCY : Quarterly 13. DATE OF SUBS. SUB:
8. APP CODE ..... : N/A 11. AS OF DATE: Date of Award

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

Abul Masrur E-MAIL: M.A.MASRUR.CIV@MAIL.MIL
Patricia Corbett E-MAIL: patricia.m.corbett2.civ@mail.mil

15. TOTAL:

16. REMARKS:

a. DI-MGMT-80227 is tailored by deleting 10.2, 10.3(j) 10.3(k), and 10.3(l

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO. ....: A002
2. TITLE OF DATA ITEM: Contractors Final Report
3. SUBTITLE .....: Final Report
4. AUTHORITY .....: DI-MISC-81612A
5. CONTRACT REFERENCE: C.2.2.1
6. REQUIRING OFFICE .: RDTA-RS/MS 121 9. DIST. STATEMENT REQUIRED: 12. DATE OF FIRST SUB: 180 DAC
7. WAWF/DD250 REQ .. : 10. FREQUENCY: 13. DATE OF SUBS. SUB:
8. APP CODE ..... : A 11. AS OF DATE: Date of Award

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

Abul Masrur E-MAIL: M.A.MASRUR.CIV@MAIL.MIL
Patricia Corbett E-MAIL: patricia.m.corbett2.civ@mail.mil

15. TOTAL:

16. REMARKS:

The contractor must submit a publicly releasable SBIR Phase I Final Report at the end of contract. The summary is an unclassified, non-sensitive, and non-proprietary summation of results that is intended for public viewing on the Army SBIR / STTR Small Business Portal. It should address the Data Item requirements on a summary basis and must not exceed 700 words.

Since the Department of Defense (DOD) will be publishing the summary, it must not contain any proprietary, classified, or ITAR restricted data. The summary must be submitted electronically and be in HTML format.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE: 150,000.00

********* THE FOLLOWING INSTRUCTION APPLIES TO ALL REPORTS DELIVERABLE UNDER THE CONTRACT **********

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

(1) Files readable using these Microsoft* Office XP or Microsoft* Office 2002 & lower Products: Word, Excel, PowerPoint, or Access. Spreadsheets must be sent in a file format that includes all formulae, macro and format information. Print or scan images of spreadsheets are not acceptable. Please see security note below for caution regarding use of macros.

(2) Files in Adobe PDF (Portable Document Format). When scanning documents, scanner should be set to 200 dots per inch.

(3) Files in HTML (Hypertext Markup Language) Format. HTML documents must not contain active links to Internet websites or web pages for reference information. All linked information must be contained within your electronic report, and be accessible offline.

(4) Other electronic formats. Before preparing your report in any other electronic format, please e-mail the COR, with an e-mail copy-furnished to amsta-idq@tacom.army.mil, to obtain a decision as to the format's acceptability. This e-mail must be received by the COR not later than ten (10) calendar days before the draft report's due date. All alternate methods must be at no cost to the Government.

(5) Please note that we can no longer accept .zip files due to increasing security concerns.

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

d. Acceptable media: The Contractor shall submit reports via e-mail. If e-mail is not workable, another acceptable media is a 650 megabyte CD ROM. Identify the software application and version used to create each file submitted.

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

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

U.S. Army RDECOM-TARDEC
M. Abul Masrur, RDTA-RS,MS-121
6501 East 11 Mile Road
Warren, MI 48397-5000

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

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