SOLICITATION, OFFER AND AWARD

1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350)	RATING DO-A7	PAGE 1	OF PAGES 29

2. CONTRACT NO.	3. SOLICITATION NO.	4. TYPE OF SOLICITATION	5. DATE ISSUED	6. REQUISITION/PURCHASE NO.
	FA8650-19-R-1932	☐ SEALED BID (IFB) ☒ NEGOTIATED (RFP)		

7. ISSUED BY AFRL/RQKSR CODE FA8650
USAF/AFMC
AFRL WRIGHT RESEARCH SITE
2130 EIGHTH STREET, BUILDING 45
WRIGHT-PATTERSON AFB OH 45433-7541
JENNIFER M. SKALSKI 9377139837
JENNIFER.SKALSKI@US.AF.MIL

8. ADDRESS OFFER TO *(If other than Item 7)*

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

SOLICITATION

9.

10. FOR INFORMATION CALL:	A. NAME	B. TELEPHONE *(Include area code)* *(NO COLLECT CALLS)*	C. E-MAIL ADDRESS
	See Block 7	See Block 7	See Block 7

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OFFER (*Must be fully completed by offeror)*

NOTE: Item 12 does not apply if the solicitation includes the provisions at 52.214-16, Minimum Bid Acceptance Period.

12. In compliance with the above, the undersigned agrees, if this offer is accepted within _____ calendar days *(60 calendar days unless a different period is inserted by the offeror)* from the date of receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.

13. DISCOUNT FOR PROMPT PAYMENT (See Section I, Clause No. 52.232-8)	10 CALENDAR DAYS %	20 CALENDAR DAYS %	30 CALENDAR DAYS %	CALENDAR DAYS %

14. ACKNOWLEDGEMENTS OF AMENDMENTS *(The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated:*	AMENDMENT NO.	DATE	AMENDMENT NO.	DATE

15A. NAME AND ADDRESS OF OFFEROR	CODE	FACILITY	16. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER *(Type or print)*

15B. TELEPHONE NO. *(Include area code)*	15C. CHECK IF REMITTANCE ADDRESS IS DIFFERENT FROM ABOVE - ENTER SUCH ADDRESS IN SCHEDULE.	17. SIGNATURE	18. OFFER DATE
	☐		

AWARD *(To be completed by Government)*

19. ACCEPTED AS TO ITEMS NUMBERED	20. AMOUNT	21. ACCOUNTING AND APPROPRIATION

22. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION:

☐ 10 U.S.C. 2304(c) ( ) ☐ 41 U.S.C. 253(c) ( )

23. SUBMIT INVOICES TO ADDRESS SHOWN IN *(4 copies unless otherwise specified)* ITEM

24. ADMINISTERED BY *(If other than Item 7)* CODE

25. PAYMENT WILL BE MADE BY CODE

26. NAME OF CONTRACTING OFFICER *(Type or print)*	27. UNITED STATES OF AMERICA *(Signature of Contracting Officer)*	28. AWARD DATE

IMPORTANT - Award will be made on this Form, or on Standard Form 26, or by other authorized official written notice.

ITEM	SUPPLIES OR SERVICES	Qty Purch Unit	Unit Price Total Item Amount
0001		1 Lot	_____ _____

Noun: RESEARCH AND DATA
PSC: AC62
NSN: N - Not Applicable
DD1423 is Exhibit: A
Contract type: U - COST PLUS FIXED FEE
Inspection: DESTINATION
Acceptance: DESTINATION
FOB: DESTINATION
Descriptive Data:
The contractor shall conduct research and development entitled "(TBD FOR EACH CALL)", in accordance with Statement of Work, dated XXX, attached in Section J, Attachment 1. Deliver data in accordance with Exhibit A, Contract Data Requirements List, DD Form 1423, as attached in Section J.

The estimated cost and fixed amounts are shown below:
Cost: **$ TBD for each award**
Fee: **$ TBD for each award**

Pursuant to FAR 52.232-22, "Limitation of Funds" in Section I, the total amount available for payment and allotted to this contract for CLINs 0001-0003 is **$ TBD**. It is estimated that this amount is sufficient to cover performance through **TBD**.

0002		1 Lot	_____ _____

Noun: SOFTWARE
PSC: AC62
NSN: N - Not Applicable
DD1423 is Exhibit: A
Contract type: U - COST PLUS FIXED FEE
Inspection: DESTINATION
Acceptance: DESTINATION
FOB: DESTINATION
Descriptive Data:
The Contractor shall deliver software in accordance with Section J, Attachment 1, Statement of Work dated XXX. The contractor shall deliver any and all software developed and/or acquired via the course of this effort. The cost of the software is included in the price of CLIN 0001

Software deliverables include, but are not limited to the following: **TBD**

ITEM	SUPPLIES OR SERVICES	Qty Purch Unit	Unit Price Total Item Amount
0003		1 Lot	_____ _____

Noun: HARDWARE
PSC: AC62
NSN: N - Not Applicable
Contract type: U - COST PLUS FIXED FEE
Inspection: DESTINATION
Acceptance: DESTINATION
FOB: DESTINATION
Descriptive Data:
The Contractor shall deliver Hardware in accordance Section J, Attachment 1, Statement of Work dated XXX. The Contractor shall deliver any and all Hardware developed and/or acquired via the course of this effort.

Hardware deliverables include, but are not limited to the following: **TBD**

In accordance with DFARS 252.211-7003 entitled, "Item Unique Identification Valuation", the contractor shall identify the unit acquisition cost for all deliverable end items for which unique identification applies.

NO CLAUSES OR PROVISIONS IN THIS SECTION

NO CLAUSES OR PROVISIONS IN THIS SECTION

NO CLAUSES OR PROVISIONS IN THIS SECTION

NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES

52.246-09 INSPECTION OF RESEARCH AND DEVELOPMENT (SHORT FORM) (APR 1984)

ITEM	SUPPLIES SCHEDULE DATA	QTY	SHIP TO	MARK FOR	TRANS PRI	DATE
0001		1	F4FBBL	F4FBBL		ASREQ

Noun: RESEARCH AND DATA
Descriptive Data:
The scheduled delivery date for the approved final technical report is XXX. The technical effort shall be completed no later than three months before XXX. Deliver data in accordance with Section J, Exhibit A, Contract Data Requirements List, DD Form 1423-1, dated XXX. See below for mailing addresses: **TBD**

GUARANTEED FINAL REPORT
If, pursuant to FAR 52.232-22, full funding is not provided, the Contractor is required to deliver the final report, including all data, in accordance with CDRL A001, Section J, Exhibit A. During the life of the contract, the contractor shall continuously reserve sufficient funds from the amount allotted to guarantee the preparation and delivery of the final report.

(a) All reports and correspondence submitted under this contract shall include the contract number and project number, if applicable, and be forwarded prepaid. A copy of the letters of transmittal shall be delivered to the Procuring Contracting Officer (PCO) and Administrative Contracting Officer (ACO). The addresses are set forth on the contract award cover page. all other address(es) and code(s) for consignee(s) are as set forth in the contract or incorporated by reference.

SUBMITTAL ADDRESSES:

Program Office: **TBD**

Finance Office: **TBD**

Contract Office: **TBD**

ACO: **TBD**

STINFO: **TBD**

0002		1	F4FBBL	F4FBBL		ASREQ

Noun: SOFTWARE
Descriptive Data:
The scheduled delivery date for Software is XXX.

The shipping address is as follows: **TBD for each call.**

(Include contract number and the AF Program Manager's name, office symbol, and phone number on the shipping documents)

0003		1	F4FBBL	F4FBBL		ASREQ

Noun: HARDWARE
Descriptive Data:

The scheduled delivery date for Hardware is XXX.

The shipping address is as follows: **TBD for each call.**

(Include contract number and the AF Program Manager's name, office symbol, and phone number on the shipping documents)

NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES

52.242-15 STOP-WORK ORDER (AUG 1989) - ALTERNATE I (APR 1984)

NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

DEFENSE FAR SUPP CONTRACT CLAUSES IN FULL TEXT

252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (DEC 2018)

(a) Definitions. As used in this clause-

"Department of Defense Activity Address Code (DoDAAC)" is a six position code that uniquely identifies a unit, activity, or organization.

"Document type" means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

"Local processing office (LPO)" is the office responsible for payment certification when payment certification is done external to the entitlement system.

"Payment request" and "receiving report" are defined in the clause at 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

(b) Electronic invoicing. The WAWF system provides the method to electronically process vendor payment requests and receiving reports, as authorized by Defense Federal Acquisition Regulation Supplement (DFARS) 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

(c) WAWF access. To access WAWF, the Contractor shall—

(1) Have a designated electronic business point of contact in the System for Award Management at https://www.sam.gov; and

(2) Be registered to use WAWF at https://wawf.eb.mil/ following the step-by-step procedures for self-registration available at this web site.

(d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the "Web Based Training" link on the WAWF home page at https://wawf.eb.mil/

(e) WAWF methods of document submission. Document submissions may be via web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) WAWF payment instructions. The Contractor shall use the following information when submitting payment requests and receiving reports in WAWF for this contract or task or delivery order:

(1) Document type. The Contractor shall submit payment requests using the following document type(s):

(i) For cost-type line items, including labor-hour or time-and-materials, submit a cost voucher.

(ii) For fixed price line items-

(A) That require shipment of a deliverable, submit the invoice and receiving report specified by the Contracting Officer.

For Cost-Type line items, including labor-hour or time-and-materials, submit a cost voucher.

(B) For services that do not require shipment of a deliverable, submit either the Invoice 2in1, which meets the requirements for the invoice and receiving report, or the applicable invoice and receiving report, as specified by the Contracting Officer.

Invoice 2-in-1

(iii) For customary progress payments based on costs incurred, submit a progress payment request.

(iv) For performance based payments, submit a performance based payment request.

(v) For commercial item financing, submit a commercial item financing request.

(2) Fast Pay requests are only permitted when Federal Acquisition Regulation (FAR) 52.213-1 is included in the contract.

[Note: The Contractor may use a WAWF “combo” document type to create some combinations of invoice and receiving report in one step.]

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Routing Data Table*

Field Name in WAWF	Data to be entered in WAWF
Pay Official DoDAAC	TBD
Issue By DoDAAC	FA8650
Admin DoDAAC	TBD
Inspect By DoDAAC	VENDOR LEAVE THIS BLOCK BLANK
Ship To Code	F4FBBL
Ship From Code	NOT NEEDED
Mark For Code	NOT NEEDED
Service Approver (DoDAAC)	TBD
Service Acceptor (DoDAAC)	TBD
Accept at Other DoDAAC	N/A
LPO DoDAAC	N/A
DCAA Auditor DoDAAC	VENDOR SHALL USE LOOK UP DCAA FROM TOOLBAR AT LEFT OF WAWF SCREEN
Other DoDAAC(s)	N/A

(*Contracting Officer: Insert applicable DoDAAC information. If multiple ship to/acceptance locations apply, insert “See Schedule” or “Not applicable.”)

(**Contracting Officer: If the contract provides for progress payments or performance-based payments, insert the DoDAAC for the contract administration office assigned the functions under FAR 42.302(a)(13).)

(4) Payment request. The Contractor shall ensure a payment request includes documentation appropriate to the type of payment request in accordance with the payment clause,

contract financing clause, or Federal Acquisition Regulation 52.216-7, Allowable Cost and Payment, as applicable.

(5) Receiving report. The Contractor shall ensure a receiving report meets the requirements of DFARS Appendix F.

(g) WAWF point of contact.

(1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.
TBD

(2) Contact the WAWF helpdesk at 866-618-5988, if assistance is needed.

OTHER CONTRACT CLAUSES IN FULL TEXT

DFARS PGI 204.7108(B)(2) PAYMENT INSTRUCTIONS (MAY 2019)

The payment office shall allocate and record the amounts paid to the accounting classification citations in the contract using the table shown in Section J, Attachment 5 based on the type of payment request submitted (see DFARS 252.232-7006) and the type of effort.

NO CLAUSES OR PROVISIONS IN THIS SECTION

Contract Clauses in this section are from the FAR, Defense FAR Sup, Air Force FAR Sup, and the Air Force Materiel Command FAR Sup, and are current through the following updates:

Database_Version: 7.1.x.700; Issued: 4/23/2019; FAR: FAC 2019-01; DFAR: DPN20190401; DL.: DL 98-021; Class Deviations: CD 2019-O0008; AFFAR: 2002 Edition; AFAC: AFAC 2017-1003; IPN: 98-009

I. NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

A. FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES

52.202-01	DEFINITIONS (NOV 2013)
52.203-03	GRATUITIES (APR 1984)
52.203-05	COVENANT AGAINST CONTINGENT FEES (MAY 2014)
52.203-06	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (SEP 2006)
52.203-07	ANTI-KICKBACK PROCEDURES (MAY 2014)
52.203-08	CANCELLATION, RESCISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY (MAY 2014)
52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (MAY 2014)
52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (OCT 2010)
52.203-13	CONTRACTOR CODE OF BUSINESS ETHICS AND CONDUCT (OCT 2015)
52.203-16	PREVENTING PERSONAL CONFLICTS OF INTEREST (DEVIATION 2018-O0018) (AUG 2018)
52.203-17	CONTRACTOR EMPLOYEE WHISTLEBLOWER RIGHTS AND REQUIREMENT TO INFORM EMPLOYEES OF WHISTLEBLOWER RIGHTS (APR 2014)
52.203-19	PROHIBITION ON REQUIRING CERTAIN INTERNAL CONFIDENTIALITY AGREEMENTS OR STATEMENTS (JAN 2017)
52.204-04	PRINTED OR COPIED DOUBLE-SIDED ON POSTCONSUMER FIBER CONTENT PAPER (MAY 2011)
52.204-09	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (JAN 2011)
52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS (OCT 2018)
52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (OCT 2018)
52.204-19	INCORPORATION BY REFERENCE OF REPRESENTATIONS AND CERTIFICATIONS (DEC 2014)
52.204-22	ALTERNATIVE LINE ITEM PROPOSAL (JAN 2017)
52.204-23	PROHIBITION ON CONTRACTING FOR HARDWARE, SOFTWARE, AND SERVICES DEVELOPED OR PROVIDED BY KASPERSKY LAB AND OTHER COVERED ENTITIES (JUL 2018)
52.209-06	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (OCT 2015)
52.209-09	UPDATES OF PUBLICLY AVAILABLE INFORMATION REGARDING RESPONSIBILITY MATTERS (OCT 2018)
52.209-10	PROHIBITION ON CONTRACTING WITH INVERTED DOMESTIC CORPORATIONS (NOV 2015)
52.210-01	MARKET RESEARCH (APR 2011)
52.211-05	MATERIAL REQUIREMENTS (AUG 2000)
52.212-04	CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (OCT 2018)
52.215-02	AUDIT AND RECORDS -- NEGOTIATION (OCT 2010)
52.215-02	AUDIT AND RECORDS -- NEGOTIATION (OCT 2010) - ALTERNATE II (AUG 2016)
52.215-08	ORDER OF PRECEDENCE--UNIFORM CONTRACT FORMAT (OCT 1997)

52.215-10	PRICE REDUCTION FOR DEFECTIVE CERTIFIED COST OR PRICING DATA (AUG 2011)
52.215-11	PRICE REDUCTION FOR DEFECTIVE CERTIFIED COST OR PRICING DATA--MODIFICATIONS (AUG 2011)
52.215-12	SUBCONTRACTOR CERTIFIED COST OR PRICING DATA (DEVIATION 2018-O0015) (MAY 2018)
52.215-12	SUBCONTRACTOR CERTIFIED COST OR PRICING DATA (OCT 2010)
52.215-13	SUBCONTRACTOR CERTIFIED COST OR PRICING DATA--MODIFICATIONS (DEVIATION 2018-O0015) (MAY 2018)
52.215-13	SUBCONTRACTOR CERTIFIED COST OR PRICING DATA--MODIFICATIONS (OCT 2010)
52.215-14	INTEGRITY OF UNIT PRICES (OCT 2010)
52.215-15	PENSION ADJUSTMENTS AND ASSET REVERSIONS (OCT 2010)
52.215-17	WAIVER OF FACILITIES CAPITAL COST OF MONEY (OCT 1997)
52.215-18	REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS (JUL 2005)
52.215-19	NOTIFICATION OF OWNERSHIP CHANGES (OCT 1997)
52.215-21	REQUIREMENTS FOR CERTIFIED COST OR PRICING DATA AND DATA OTHER THAN CERTIFIED COST OR PRICING DATA--MODIFICATIONS (OCT 2010)
52.215-23	LIMITATIONS ON PASS-THROUGH CHARGES (OCT 2009)
52.215-23	LIMITATIONS ON PASS-THROUGH CHARGES (OCT 2009) - ALTERNATE I (OCT 2009)
52.216-07	ALLOWABLE COST AND PAYMENT (AUG 2018)
52.216-07	ALLOWABLE COST AND PAYMENT (AUG 2018) - ALTERNATE II (AUG 2012) Para (a) (3), Day prescribed by agency head, or "30th". '30TH'
52.216-07	ALLOWABLE COST AND PAYMENT (AUG 2018) - ALTERNATE IV (AUG 2012) Para (a) (3), Day prescribed by agency head, or "30th". '30TH'
52.216-08	FIXED FEE (JUN 2011)
52.216-11	COST CONTRACT -- NO FEE (APR 1984) - ALTERNATE I (APR 1984)
52.216-22	INDEFINITE QUANTITY (OCT 1995) Para (d), Date is 'TBD'
52.219-08	UTILIZATION OF SMALL BUSINESS CONCERNS (OCT 2018)
52.219-09	SMALL BUSINESS SUBCONTRACTING PLAN (DEVIATION 2018-O0018) (AUG 2018)
52.219-09	SMALL BUSINESS SUBCONTRACTING PLAN (AUG 2018) - ALTERNATE II (NOV 2016)
52.219-09	SMALL BUSINESS SUBCONTRACTING PLAN (DEVIATION 2019-O0005) (JAN 2019) - ALTERNATE IV (JAN 2019)
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52.219-28	POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION (JUL 2013)
52.222-02	PAYMENT FOR OVERTIME PREMIUMS (JUL 1990) Para (a), Dollar amount is '0.00'
52.222-03	CONVICT LABOR (JUN 2003)
52.222-21	PROHIBITION OF SEGREGATED FACILITIES (APR 2015)
52.222-26	EQUAL OPPORTUNITY (SEP 2016)
52.222-35	EQUAL OPPORTUNITY FOR VETERANS (OCT 2015)
52.222-36	EQUAL OPPORTUNITY FOR WORKERS WITH DISABILITIES (JUL 2014)
52.222-37	EMPLOYMENT REPORTS ON VETERANS (FEB 2016)
52.222-40	NOTIFICATION OF EMPLOYEE RIGHTS UNDER THE NATIONAL LABOR RELATIONS ACT (DEC 2010)
52.222-50	COMBATING TRAFFICKING IN PERSONS (JAN 2019)
52.222-54	EMPLOYMENT ELIGIBILITY VERIFICATION (OCT 2015)
52.222-56	CERTIFICATION REGARDING TRAFFICKING IN PERSONS COMPLIANCE PLAN (MAR 2015)
52.223-06	DRUG-FREE WORKPLACE (MAY 2001)
52.223-18	ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING (AUG 2011)

52.225-13 RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (JUN 2008)
52.227-01 AUTHORIZATION AND CONSENT (DEC 2007) - ALTERNATE I (APR 1984)
52.227-02 NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (DEC 2007)
52.227-11 PATENT RIGHTS - OWNERSHIP BY THE CONTRACTOR (MAY 2014)
Para (j), Communications: 'TBD'
52.228-07 INSURANCE -- LIABILITY TO THIRD PERSONS (MAR 1996)
52.230-02 COST ACCOUNTING STANDARDS (DEVIATION 2018-O0015) (MAY 2018)
52.230-03 DISCLOSURE AND CONSISTENCY OF COST ACCOUNTING PRACTICES (DEVIATION 2018-O0015) (MAY 2018)
52.230-05 COST ACCOUNTING STANDARDS - EDUCATIONAL INSTITUTION (DEVIATION 2018-O0015) (MAY 2018)
52.230-06 ADMINISTRATION OF COST ACCOUNTING STANDARDS (JUN 2010)
52.232-17 INTEREST (MAY 2014)
52.232-20 LIMITATION OF COST (APR 1984)
52.232-22 LIMITATION OF FUNDS (APR 1984)
52.232-23 ASSIGNMENT OF CLAIMS (MAY 2014) - ALTERNATE I (APR 1984)
52.232-25 PROMPT PAYMENT (JAN 2017)
52.232-33 PAYMENT BY ELECTRONIC FUNDS TRANSFER - SYSTEM FOR AWARD MANAGEMENT (OCT 2018)
52.232-39 UNENFORCEABILITY OF UNAUTHORIZED OBLIGATIONS (JUN 2013)
52.232-40 PROVIDING ACCELERATED PAYMENTS TO SMALL BUSINESS SUBCONTRACTORS (DEC 2013)
52.233-01 DISPUTES (MAY 2014)
52.233-03 PROTEST AFTER AWARD (AUG 1996)
52.233-03 PROTEST AFTER AWARD (AUG 1996) - ALTERNATE I (JUN 1985)
52.233-04 APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM (OCT 2004)
52.242-01 NOTICE OF INTENT TO DISALLOW COSTS (APR 1984)
52.242-03 PENALTIES FOR UNALLOWABLE COSTS (MAY 2014)
52.242-04 CERTIFICATION OF FINAL INDIRECT COSTS (JAN 1997)
52.242-05 PAYMENTS TO SMALL BUSINESS SUBCONTRACTORS (JAN 2017)
52.242-13 BANKRUPTCY (JUL 1995)
52.243-02 CHANGES -- COST-REIMBURSEMENT (AUG 1987) - ALTERNATE V (APR 1984)
52.243-06 CHANGE ORDER ACCOUNTING (APR 1984)
52.243-07 NOTIFICATION OF CHANGES (JAN 2017)
Para (b), Number of calendar days is (insert 30 for RDSS/C) '30 days'
Para (d), Number of calendar days is (insert 30 for RDSS/C) '30 days'
52.244-02 SUBCONTRACTS (OCT 2010)
Para (d), approval required on subcontracts: 'TBD'
Para (j), Insert subcontracts evaluated during negotiations. 'TBD'
52.244-05 COMPETITION IN SUBCONTRACTING (DEC 1996)
52.244-06 SUBCONTRACTS FOR COMMERCIAL ITEMS (JAN 2019)
52.245-01 GOVERNMENT PROPERTY (JAN 2017)
52.245-09 USE AND CHARGES (APR 2012)
52.246-23 LIMITATION OF LIABILITY (FEB 1997)
52.247-01 COMMERCIAL BILL OF LADING NOTATIONS (FEB 2006)
52.249-05 TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (EDUCATIONAL AND OTHER NONPROFIT INSTITUTIONS) (AUG 2016)
52.249-06 TERMINATION (COST-REIMBURSEMENT) (MAY 2004)
52.249-14 EXCUSABLE DELAYS (APR 1984)
52.251-01 GOVERNMENT SUPPLY SOURCES (APR 2012)
52.253-01 COMPUTER GENERATED FORMS (JAN 1991)

B. DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES

252.201-7000 CONTRACTING OFFICER'S REPRESENTATIVE (DEC 1991)

252.203-7000	REQUIREMENTS RELATING TO COMPENSATION OF FORMER DOD OFFICIALS (SEP 2011)
252.203-7001	PROHIBITION ON PERSONS CONVICTED OF FRAUD OR OTHER DEFENSE-CONTRACT-RELATED FELONIES (DEC 2008)
252.203-7002	REQUIREMENT TO INFORM EMPLOYEES OF WHISTLEBLOWER RIGHTS (SEP 2013)
252.203-7003	AGENCY OFFICE OF THE INSPECTOR GENERAL (DEC 2012)
252.203-7004	DISPLAY OF HOTLINE POSTERS (OCT 2016)
252.204-7000	DISCLOSURE OF INFORMATION (OCT 2016)
252.204-7002	PAYMENT FOR SUBLINE ITEMS NOT SEPARATELY PRICED (DEC 1991)
252.204-7003	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT (APR 1992)
252.204-7004	LEVEL I ANTITERRORISM AWARENESS TRAINING FOR CONTRACTORS (FEB 2019)
252.204-7006	BILLING INSTRUCTIONS (OCT 2005)
252.205-7000	PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS (DEC 1991)
252.209-7004	SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE GOVERNMENT OF A COUNTRY THAT IS A STATE SPONSOR OF TERRORISM (OCT 2015)
252.209-7005	RESERVE OFFICER TRAINING CORPS AND MILITARY RECRUITING ON CAMPUS (MAR 2012)
252.211-7003	ITEM UNIQUE IDENTIFICATION AND VALUATION (MAR 2016) Para (c)(1)(i). Insert Contract Line, Subline, or Exhibit Line Item Number and Item Description or n/a. 'TBD' Para (c)(1)(ii). Identify Contract Line, Subline, or Exhibit Line Item Nr and Item Description. If items are identified in the Schedule, insert "See Schedule" 'TBD' Para (c)(1)(iii). Attachment Nr. 'TBD' Para (c)(1)(iv). Attachment Nr. 'TBD' Para (f)(2)(iii). Line item number or n/a. 'TBD'
252.211-7007	REPORTING OF GOVERNMENT-FURNISHED PROPERTY (AUG 2012)
252.211-7008	USE OF GOVERNMENT-ASSIGNED SERIAL NUMBERS (SEP 2010)
252.216-7006	ORDERING (MAY 2011) Para (a). Date. 'The effective date of award' Para (a). Date '60 Months after Contract Award'
252.219-7003	SMALL BUSINESS SUBCONTRACTING PLAN (DOD CONTRACTS) -- BASIC (DEC 2018)
252.222-7006	RESTRICTIONS ON THE USE OF MANDATORY ARBITRATION AGREEMENTS (DEC 2010)
252.223-7004	DRUG-FREE WORK FORCE (SEP 1988)
252.223-7006	PROHIBITION ON STORAGE, TREATMENT, AND DISPOSAL OF TOXIC OR HAZARDOUS MATERIALS - BASIC (SEP 2014)
252.225-7012	PREFERENCE FOR CERTAIN DOMESTIC COMMODITIES (DEC 2017)
252.225-7048	EXPORT-CONTROLLED ITEMS (JUN 2013)
252.226-7001	UTILIZATION OF INDIAN ORGANIZATIONS, INDIAN-OWNED ECONOMIC ENTERPRISES, AND NATIVE HAWAIIAN SMALL BUSINESS CONCERNS (APR 2019)
252.227-7013	RIGHTS IN TECHNICAL DATA--NONCOMMERCIAL ITEMS (FEB 2014)
252.227-7014	RIGHTS IN NONCOMMERCIAL COMPUTER SOFTWARE AND NONCOMMERCIAL COMPUTER SOFTWARE DOCUMENTATION (FEB 2014)
252.227-7015	TECHNICAL DATA--COMMERCIAL ITEMS (FEB 2014)
252.227-7016	RIGHTS IN BID OR PROPOSAL INFORMATION (JAN 2011)
252.227-7019	VALIDATION OF ASSERTED RESTRICTIONS--COMPUTER SOFTWARE (SEP 2016)
252.227-7030	TECHNICAL DATA--WITHHOLDING OF PAYMENT (MAR 2000)
252.227-7037	VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA (SEP 2016)
252.227-7038	PATENT RIGHTS--OWNERSHIP BY THE CONTRACTOR (LARGE BUSINESS) (JUN 2012)
252.227-7039	PATENTS--REPORTING OF SUBJECT INVENTIONS (APR 1990)

252.228-7001 GROUND AND FLIGHT RISK (JUN 2010)
252.232-7003 ELECTRONIC SUBMISSION OF PAYMENT REQUESTS AND RECEIVING REPORTS (DEC 2018)
252.232-7010 LEVIES ON CONTRACT PAYMENTS (DEC 2006)
252.235-7010 ACKNOWLEDGMENT OF SUPPORT AND DISCLAIMER (MAY 1995)
Para (a), name of contracting agency(ies): 'United States Air Force'
Para (a), contract number(s): 'FA865019R1932'
Para (b), name of contracting agency(ies): 'United States Air Force'
252.235-7011 FINAL SCIENTIFIC OR TECHNICAL REPORT (JAN 2015)
252.239-7018 SUPPLY CHAIN RISK (DEVIATION 2018-O0020) (SEP 2018)
252.242-7005 CONTRACTOR BUSINESS SYSTEMS (FEB 2012)
252.242-7006 ACCOUNTING SYSTEM ADMINISTRATION (FEB 2012)
252.243-7002 REQUESTS FOR EQUITABLE ADJUSTMENT (DEC 2012)
252.244-7001 CONTRACTOR PURCHASING SYSTEM ADMINISTRATION - BASIC (MAY 2014)
252.245-7001 TAGGING, LABELING, AND MARKING OF GOVERNMENT-FURNISHED PROPERTY (APR 2012)
252.245-7002 REPORTING LOSS OF GOVERNMENT PROPERTY (DEC 2017)
252.245-7003 CONTRACTOR PROPERTY MANAGEMENT SYSTEM ADMINISTRATION (APR 2012)
252.245-7004 REPORTING, REUTILIZATION, AND DISPOSAL (DEC 2017)
Insert Item(s) 'TBD'
Insert Item(s) 'TBD'
252.247-7023 TRANSPORTATION OF SUPPLIES BY SEA - BASIC (FEB 2019)

C. AIR FORCE FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES

5352.201-9101 OMBUDSMAN (JUN 2016)
Para (c). Ombudsmen names, addresses, phone numbers, fax, and email addresses.
'Ombudsman: AFRL/PK Director
Alternate Ombudsman: AFRL/PK Deputy Director
1964 Fourth St.
Wright-Patterson AFB, OH 45433-7130
937-904-9700
AFRL.PK.OfficeAccount@us.af.mil'

II. NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES IN FULL TEXT

52.211-15 DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS (APR 2008)

This is a rated order certified for national defense, emergency preparedness, and energy program use, and the Contractor shall follow all the requirements of the Defense Priorities and Allocations System regulation (15 CFR 700).

52.216-19 ORDER LIMITATIONS (OCT 1995) (TAILORED)

(a) Minimum order. The minimum ordering amount under this contract is $_____, which is the intital allotment of funding under Task Order 1. For future orders, when the Government requires supplies or services covered by this contract in an amount of less than [insert realistic minimum of future orders; insert dollar figure or quantity], the Government is not obligated to purchase, nor is the Contract obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor--

(1) Any order for a single item in excess of TBD| [insert dollar figure or quantity]|;

(2) Any order for a combination of items in excess of TBD| [insert dollar figure or quantity]|; or

(3) A series of orders from the same ordering office within TBD| (insert number of days)| days that together call for quantities exceeding the limitation in subparagraph (1) or (2) of this section.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) of this section.

(d) Notwithstanding paragraphs (b) and (c) of this section, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within TBD| (insert number of days)| days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

52.217-09 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor within TBD; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least TBD days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed TBD.

52.252-02 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/

52.252-04 ALTERATIONS IN CONTRACT (APR 1984)

Portions of this contract are altered as follows: TBD

52.252-06 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 Defense Federal Acquisition Regulation Supplement (48 CFR Chapter 2) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

DEFENSE FAR SUPP CONTRACT CLAUSES IN FULL TEXT

252.204-7009 LIMITATIONS ON THE USE OR DISCLOSURE OF THIRD-PARTY CONTRACTOR REPORTED CYBER INCIDENT INFORMATION (OCT 2016)

(a) Definitions. As used in this clause—

"Compromise" means disclosure of information to unauthorized persons, or a violation of the security policy of a system, in which unauthorized intentional or unintentional disclosure, modification, destruction, or loss of an object, or the copying of information to unauthorized media may have occurred.

"Controlled technical information" means technical information with military or space application that is subject to controls on the access, use, reproduction, modification, performance, display, release, disclosure, or dissemination. Controlled technical information would meet the criteria, if disseminated, for distribution statements B through F using the criteria set forth in DoD Instruction 5230.24, Distribution Statements on Technical Documents. The term does not include information that is lawfully publicly available without restrictions.

"Covered defense information" means unclassified controlled technical information or other information (as described in the Controlled Unclassified Information (CUI) Registry at http://www.archives.gov/cui/registry/category-list.html) that requires safeguarding or dissemination controls pursuant to and consistent with law, regulations, and Governmentwide policies, and is—

(1) Marked or otherwise identified in the contract, task order, or delivery order and provided to the contractor by or on behalf of DoD in support of the performance of the contract; or

(2) Collected, developed, received, transmitted, used, or stored by or on behalf of the contractor in support of the performance of the contract.

"Cyber incident" means actions taken through the use of computer networks that result in a compromise or an actual or potentially adverse effect on an information system and/or the information residing therein.

"Information system" means a discrete set of information resources organized for the collection, processing, maintenance, use, sharing, dissemination, or disposition of information.

"Media" means physical devices or writing surfaces including, but is not limited to, magnetic tapes, optical disks, magnetic disks, large-scale integration memory chips, and printouts onto which covered defense information is recorded, stored, or printed within a covered contractor information system.

"Technical information" means technical data or computer software, as those terms are defined in the clause at DFARS 252.227-7013, Rights in Technical Data-Noncommercial Items, regardless of whether or not the clause is incorporated in this solicitation or contract. Examples of technical information include research and engineering data, engineering drawings, and associated lists, specifications, standards, process sheets, manuals, technical reports, technical orders, catalog-item identifications, data sets, studies and analyses and related information, and computer software executable code and source code.

(b) Restrictions. The Contractor agrees that the following conditions apply to any information it receives or creates in the performance of this contract that is information obtained from a third-party's reporting of a cyber incident pursuant to DFARS clause 252.204-7012, Safeguarding Covered Defense Information and Cyber Incident Reporting (or derived from such information obtained under that clause):

(1) The Contractor shall access and use the information only for the purpose of furnishing advice or technical assistance directly to the Government in support of the Government's activities related to clause 252.204-7012 , and shall not be used for any other purpose.

(2) The Contractor shall protect the information against unauthorized release or disclosure.

(3) The Contractor shall ensure that its employees are subject to use and non-disclosure obligations consistent with this clause prior to the employees being provided access to or use of the information.

(4) The third-party contractor that reported the cyber incident is a third-party beneficiary of the non-disclosure agreement between the Government and Contractor, as required by paragraph (b)(3) of this clause.

(5) A breach of these obligations or restrictions may subject the Contractor to—

(i) Criminal, civil, administrative, and contractual actions in law and equity for penalties, damages, and other appropriate remedies by the United States; and

(ii) Civil actions for damages and other appropriate remedies by the third party that reported the cyber incident, as a third party beneficiary of this clause.

(c) Subcontracts. The Contractor shall include this clause, including this paragraph (c), in subcontracts, or similar contractual instruments, for services that include support for the Government's activities related to safeguarding covered defense information and cyber incident reporting, including subcontracts for commercial items, without alteration, except to identify the parties.

252.204-7012 SAFEGUARDING COVERED DEFENSE INFORMATION AND CYBER INCIDENT REPORTING (OCT 2016)

(a) Definitions. As used in this clause—

"Adequate security" means protective measures that are commensurate with the consequences and probability of loss, misuse, or unauthorized access to, or modification of information.

"Compromise" means disclosure of information to unauthorized persons, or a violation of the security policy of a system, in which unauthorized intentional or unintentional disclosure, modification, destruction, or loss of an object, or the copying of information to unauthorized media may have occurred.

"Contractor attributional/proprietary information" means information that identifies the contractor(s), whether directly or indirectly, by the grouping of information that can be traced back to the contractor(s) (e.g., program description, facility locations), personally identifiable information, as well as trade secrets, commercial or financial information, or other commercially sensitive information that is not customarily shared outside of the company.

"Contractor information system" means an unclassified information system that is owned, or operated by or for, a contractor and that processes, stores, or transmits covered defense information.

"Controlled technical information" means technical information with military or space application that is subject to controls on the access, use, reproduction, modification, performance, display, release, disclosure, or dissemination. Controlled technical information would meet the criteria, if disseminated, for distribution statements B through F using the criteria set forth in DoD Instruction 5230.24, Distribution Statements on Technical Documents. The term does not include information that is lawfully publicly available without restrictions.

"Covered contractor information system" means an information system that is owned, or operated by or for, a contractor and that processes, stores, or transmits covered defense information.

"Covered defense information" means unclassified controlled technical information or other information, as described in the Controlled Unclassified Information (CUI) Registry at http://www.archives.gov/cui/registry/category-list.html, that requires safeguarding or dissemination controls pursuant to and consistent with law, regulations, and Governmentwide policies, and is—

(1) Marked or otherwise identified in the contract, task order, or delivery order and provided to the contractor by or on behalf of DoD in support of the performance of the contract; or

(2) Collected, developed, received, transmitted, used, or stored by or on behalf of the contractor in support of the performance of the contract.

“Cyber incident” means actions taken through the use of computer networks that result in a compromise or an actual or potentially adverse effect on an information system and/or the information residing therein.

“Forensic analysis” means the practice of gathering, retaining, and analyzing computer-related data for investigative purposes in a manner that maintains the integrity of the data.

“Information system” means a discrete set of information resources organized for the collection, processing, maintenance, use, sharing, dissemination, or disposition of information.

“Malicious software” means computer software or firmware intended to perform an unauthorized process that will have adverse impact on the confidentiality, integrity, or availability of an information system. This definition includes a virus, worm, Trojan horse, or other code-based entity that infects a host, as well as spyware and some forms of adware.

“Media” means physical devices or writing surfaces including, but is not limited to, magnetic tapes, optical disks, magnetic disks, large-scale integration memory chips, and printouts onto which covered defense information is recorded, stored, or printed within a covered contractor information system.

‘‘Operationally critical support’’ means supplies or services designated by the Government as critical for airlift, sealift, intermodal transportation services, or logistical support that is essential to the mobilization, deployment, or sustainment of the Armed Forces in a contingency operation.

“Rapidly report” means within 72 hours of discovery of any cyber incident.

“Technical information” means technical data or computer software, as those terms are defined in the clause at DFARS 252.227-7013, Rights in Technical Data-Noncommercial Items, regardless of whether or not the clause is incorporated in this solicitation or contract. Examples of technical information include research and engineering data, engineering drawings, and associated lists, specifications, standards, process sheets, manuals, technical reports, technical orders, catalog-item identifications, data sets, studies and analyses and related information, and computer software executable code and source code.

(b) Adequate security. The Contractor shall provide adequate security on all covered contractor information systems. To provide adequate security, the Contractor shall implement, at a minimum, the following information security protections:

(1) For covered contractor information systems that are part of an Information Technology (IT) service or system operated on behalf of the Government, the following security requirements apply:

(i) Cloud computing services shall be subject to the security requirements specified in the clause 252.239-7010, Cloud Computing Services, of this contract.

(ii) Any other such IT service or system (i.e., other than cloud computing) shall be subject to the security requirements specified elsewhere in this contract.

(2) For covered contractor information systems that are not part of an IT service of system operated on behalf of the Government and therefore are not subject to the security requirement specified at paragraph (b)(1) of this clause, the following security requirements apply:

(i) Except as provided in paragraph (b)(2)(ii) of this clause, the covered contractor information system shall be subject to the security requirements in National Institute of Standards and Technology (NIST) Special Publication (SP) 800-171, “Protecting Controlled Unclassified Information in Nonfederal Information Systems and Organizations,” (available via the Internet at http://dx.doi.org/10.6028/NIST.SP.800-171) in effect at the time the solicitation is issued or as authorized by the Contracting Officer.

(ii)(A) The Contractor shall implement NIST SP 800-171, as soon as practical, but not later than December 31, 2017. For all contracts awarded prior to October 1, 2017, the Contractor shall notify the DoD Chief Information Officer (CIO), via email at osd.dibcsia@mail.mil, within 30 days of contract award, of any security requirements specified by NIST SP 800-171 not implemented at the time of contract award.

(B) The Contractor shall submit requests to vary from NIST SP 800-171 in writing to the Contracting Officer, for consideration by the DoD CIO. The Contractor need not implement any security requirement adjudicated by an authorized representative of the DoD CIO to be nonapplicable or to have an alternative, but equally effective, security measure that may be implemented in its place.

(C) If the DoD CIO has previously adjudicated the contractor’s requests indicating that a requirement is not applicable or that an alternative security measure is equally effective, a copy of that approval shall be provided to the Contracting Officer when requesting its recognition under this contract.

(D) If the Contractor intends to use an external cloud service provider to store, process, or transmit any covered defense information in performance of this contract, the Contractor shall require and ensure that the cloud service provider meets security requirements equivalent to those established by the Government for the Federal Risk and Authorization Management Program (FedRAMP) Moderate baseline https://www.fedramp.gov/resources/documents/) and that the cloud service provider complies with requirements in paragraphs (c) through (g) of this clause for cyber incident reporting, malicious software, media preservation and protection, access to additional information and equipment necessary for forensic analysis, and cyber incident damage assessment.

(3) Apply other information systems security measures when the Contractor reasonably determines that information systems security measures, in addition to those identified in paragraphs (b)(1) and (2) of this clause, may be required to provide adequate security in a dynamic environment or to accommodate special circumstances (e.g., medical devices) and any individual, isolated, or temporary deficiencies based on an assessed risk or vulnerability. These measures may be addressed in a system security plan.

(c) Cyber incident reporting requirement.

(1) When the Contractor discovers a cyber incident that affects a covered contractor information system or the covered defense information residing therein, or that affects the contractor’s ability to perform the requirements of the contract that are designated as operationally critical support and identified in the contrac, the Contractor shall—

(i) Conduct a review for evidence of compromise of covered defense information, including, but not limited to, identifying compromised computers, servers, specific data, and user accounts. This review shall also include analyzing covered contractor information system(s) that were part of the cyber incident, as well as other information systems on the Contractor’s network(s), that may have been accessed as a result of the incident in order to identify compromised covered defense information, or that affect the Contractor’s ability to provide operationally critical support; and

(ii) Rapidly report cyber incidents to DoD at http://dibnet.dod.mil.

(2) Cyber incident report. The cyber incident report shall be treated as information created by or for DoD and shall include, at a minimum, the required elements at http://dibnet.dod.mil.

(3) Medium assurance certificate requirement. In order to report cyber incidents in accordance with this clause, the Contractor or subcontractor shall have or acquire a DoD-approved medium assurance certificate to report cyber incidents. For information on obtaining a DoD-approved medium assurance certificate, see http://iase.disa.mil/pki/eca/Pages/index.aspx.

(d) Malicious software. When the Contractor or subcontractors discover and isolate malicious software in connection with a reported cyber incident, submit the malicious software to DoD Cyber Crime Center (DC3) in accordance with instructions provided by DC3 or the Contracting Officer. Do not send the malicious software to the Contracting Officer.

(e) Media preservation and protection. When a Contractor discovers a cyber incident has occurred, the Contractor shall preserve and protect images of all known affected information systems identified in paragraph (c)(1)(i) of this clause and all relevant monitoring/packet capture data for at least 90 days from the submission of the cyber incident report to allow DoD to request the media or decline interest.

(f) Access to additional information or equipment necessary for forensic analysis. Upon request by DoD, the Contractor shall provide DoD with access to additional information or equipment that is necessary to conduct a forensic analysis.

(g) Cyber incident damage assessment activities. If DoD elects to conduct a damage assessment, the Contracting Officer will request that the Contractor provide all of the damage assessment information gathered in accordance with paragraph (e) of this clause.

(h) DoD safeguarding and use of contractor attributional/proprietary information. The Government shall protect against the unauthorized use or release of information obtained from the contractor (or derived from information obtained from the contractor) under this clause that includes contractor attributional/proprietary information, including such information submitted in accordance with paragraph (c). To the maximum extent practicable, the Contractor shall identify and mark attributional/proprietary information. In making an authorized release of such information, the Government will implement appropriate procedures to minimize the contractor attributional/proprietary information that is included in such authorized release, seeking to include only that information that is necessary for the authorized purpose(s) for which the information is being released.

(i) Use and release of contractor attributional/proprietary information not created by or for DoD. Information that is obtained from the contractor (or derived from information obtained from the contractor) under this clause that is not created by or for DoD is authorized to be released outside of DoD—

(1) To entities with missions that may be affected by such information;

(2) To entities that may be called upon to assist in the diagnosis, detection, or mitigation of cyber incidents;

(3) To Government entities that conduct counterintelligence or law enforcement investigations;

(4) For national security purposes, including cyber situational awareness and defense purposes (including with Defense Industrial Base (DIB) participants in the program at 32 CFR part 236); or

(5) To a support services contractor (“recipient”) that is directly supporting Government activities under a contract that includes the clause at 252.204-7009, Limitations on the Use or Disclosure of Third-Party Contractor Reported Cyber Incident Information.

(j) Use and release of contractor attributional/proprietary information created by or for DoD. Information that is obtained from the contractor (or derived from information obtained from the contractor) under this clause that is created by or for DoD (including the information submitted pursuant to paragraph (c) of this clause) is authorized to be used and released outside of DoD for purposes and activities authorized by paragraph (i) of this clause, and for any other lawful Government purpose or activity, subject to all applicable statutory, regulatory, and policy based restrictions on the Government's use and release of such information.

(k) The Contractor shall conduct activities under this clause in accordance with applicable laws and regulations on the interception, monitoring, access, use, and disclosure of electronic communications and data.

(l) Other safeguarding or reporting requirements. The safeguarding and cyber incident reporting required by this clause in no way abrogates the Contractor's responsibility for other safeguarding or cyber incident reporting pertaining to its unclassified information systems as required by other applicable clauses of this contract, or as a result of other applicable U.S. Government statutory or regulatory requirements.

(m) Subcontracts. The Contractor shall—

(1) Include this clause, including this paragraph (m), in subcontracts, or similar contractual instruments, for operationally critical support, or for which subcontract performance will involve covered defense information, including subcontracts for commercial items, without alteration, except to identify the parties. The Contractor shall determine if the information required for subcontractor performance retains its identity as covered defense information and will require protection under this clause, and, if necessary, consult with the Contracting Officer; and

(2) Require subcontractors to—

(i) Notify the prime Contractor (or next higher-tier subcontractor) when submitting a request to vary from a NIST SP 800-171 security requirement to the Contracting Officer, in accordance with paragraph (b)(2)(ii)(B) of this clause; and

(ii) Provide the incident report number, automatically assigned by DoD, to the prime Contractor (or next higher-tier subcontractor) as soon as practicable, when reporting a cyber incident to DoD as required in paragraph (c) of this clause.

AIR FORCE FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES IN FULL TEXT

5352.242-9001 COMMON ACCESS CARDS (CAC) FOR CONTRACTOR PERSONNEL-AFRL (NOV 2012)

(a) For installation(s)/location(s) cited in the contract, contractors shall ensure Common Access Cards (CACs) are obtained by all contract or subcontract personnel who meet one or both of the following criteria:

(1) Require logical access to Department of Defense computer networks and systems in either:

(i) the unclassified environment; or

(ii) the classified environment where authorized by governing security directives.

(2) Perform work, which requires the use of a CAC for installation entry control or physical access to facilities and buildings.

(b) Contractors and their personnel shall use the following procedures to obtain CACs:

(1) Contractors shall provide a listing of personnel who require a CAC to the contracting officer. The government will provide the contractor instruction on how to complete the Contractor Verification System (CVS) application and then notify the contractor when approved.

(2) Contractor personnel shall obtain a CAC from the nearest Real Time Automated Personnel Identification Documentation System (RAPIDS) Issuing Facility (typically the local Military Personnel Flight (MPF)).

(3) Contractor personnel will proceed to the nearest CAC issuance workstation (usually the local Military Personnel Flight (MPF) with the DD Form 1172-2 and appropriate documentation to support their identification and/or citizenship. The CAC issuance workstation will then issue the CAC.

(c) While visiting or performing work on installation(s)/location(s), contractor personnel shall wear or prominently display the CAC as required by the governing local policy.

(d) During the performance period of the contract, the contractor shall:

(1) Within 7 working days of any changes to the listing of the contract personnel authorized a CAC, provide an updated listing to the contracting officer who will provide the updated listing to the authorizing government official;

(2) Return CACs in accordance with local policy/directives within 7 working days of a change in status for contractor personnel who no longer require logical or physical access;

(3) Return CACs in accordance with local policy/directives within 7 working days following a CACs expiration date; and

(4) Report lost or stolen CACs in accordance with local policy/directives.

(e) Within 7 working days following completion/termination of the contract, the contractor shall return all CACs issued to their personnel to the issuing office or the location specified by local policy/directives.

(f) Failure to comply with these requirements may result in withholding of final payment.

OTHER CONTRACT CLAUSES IN FULL TEXT

FAR 52.204-25 PROHIBITION ON CONTRACTING FOR CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT. (AUG 2019)

As prescribed in 4.2105(b), insert the following clause:
Prohibition on Contracting for Certain Telecommunications and Video
Surveillance Services or Equipment (AUG 2019)
(a) Definitions. As used in this clause--
Covered foreign country means The People's Republic of China.
Covered telecommunications equipment or services means--
(1) Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities);
(2) For the purpose of public safety, security of Government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications

equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities);
(3) Telecommunications or video surveillance services provided by such entities or using such equipment; or
(4) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably
believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.
Critical technology means--
(1) Defense articles or defense services included on the United States Munitions List set forth in the International Traffic in Arms Regulations under subchapter M of chapter I of title 22, Code of Federal Regulations;
(2) Items included on the Commerce Control List set forth in Supplement No. 1 to part 774 of the Export Administration Regulations under subchapter C of chapter VII of title 15, Code of Federal Regulations, and controlled--
(i) Pursuant to multilateral regimes, including for reasons relating to national security, chemical and biological weapons proliferation, nuclear nonproliferation, or missile technology; or
(ii) For reasons relating to regional stability or surreptitious listening;
(3) Specially designed and prepared nuclear equipment, parts and components, materials, software, and technology covered by part 810 of title 10, Code of Federal Regulations (relating to assistance to foreign atomic energy activities);
(4) Nuclear facilities, equipment, and material covered by part 110 of title 10, Code of Federal Regulations (relating to export and import of nuclear equipment and material);
(5) Select agents and toxins covered by part 331 of title 7, Code of Federal Regulations, part 121 of title 9 of such Code, or part 73 of title 42 of such Code; or
(6) Emerging and foundational technologies controlled pursuant to section 1758 of the Export Control Reform Act of 2018 (50 U.S.C. 4817). Substantial or essential component means any component necessary for the proper function or performance of a piece of equipment, system, or service.
(b) Prohibition. Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. The Contractor is prohibited from providing to the Government any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in Federal Acquisition Regulation 4.2104.
(c) Exceptions. This clause does not prohibit contractors from providing--
(1) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or
(2) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.
(d) Reporting requirement. (1) In the event the Contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the Contractor is notified of such by a subcontractor at any tier or by any other source, the Contractor shall report the information in paragraph (d)(2) of this clause to the Contracting Officer, unless elsewhere in this contract are established procedures for reporting the information; in the case of the Department of Defense, the Contractor shall report to the website at <https://dibnet.dod.mil/>. For indefinite delivery contracts, the Contractor shall report to the Contracting Officer for the indefinite delivery contract and the Contracting Officer(s) for any affected order or, in the case of the Department of Defense, identify both the indefinite delivery contract and any affected orders in the report provided at <https://dibnet.dod.mil/>.
(2) The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause:

(i) Within one business day from the date of such identification or notification: The contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if
known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.
(ii) Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: Any further available information about mitigation actions undertaken or recommended. In addition, the Contractor shall describe the efforts it undertook to
prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.
(e) Subcontracts. The Contractor shall insert the substance of this clause, including this paragraph (e), in all subcontracts and other contractual instruments, including subcontracts for the acquisition of commercial items.

DOCUMENT	PGS	DATE	TITLE
EXHIBIT A	13	21 MAR 2019	CONTRACT DATA REQUIREMENTS LIST (CDRLS)
ATTACHMENT 1	1	30 APR 2019	STATEMENT OF OBJECTIVES (SOO) - MINSAV
ATTACHMENT 2	4		STATEMENT OF WORK (SOW) - SUPPLEMENTAL REQUIREMENTS
ATTACHMENT 3	23	01 FEB 2018	AFRL BASIC FORMAT REQUIREMENTS (ANSI-BASED FORMAT GUIDELINES)
ATTACHMENT 4	2	01 AUG 1998	STANDARD FORM (SF) 298 AND INSTRUCTIONS
ATTACHMENT 5	2	01 MAY 2019	PGI 204.7108 PAYMENT INSTRUCTIONS

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services and Communications Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. **Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.**

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
0001	A	TDP ____ TM ____ OTHER ____

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Y1LE	FA8650-19-S-1932	

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A001	SCIENTIFIC AND TECHNICAL REPORTS	Final Report	

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-MISC-80711A/T	CSOW	AFRL/RYDT	

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
XX	D	ONE/R	See Block 16*

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION
A	End of Tech Effort	See Block 16*

16. REMARKS

Blk 4:Tailored to allow for attached ANSI based AFRL Format Guidelines including Standard Form 298. Also to include, if the Final Report contains data that is being delivered with less than unlimited rights, the data with less-than-unlimited rights shall be delivered in an appropriately marked appendix to the Final Report.Block 10, is clarified so that, "Pursuant to DFARS 252.235-7011, the Government will forward the approved report to the Defense Technical Information Center (DTIC)."

BLOCK 9: D: Distribution authorized to DoD and US DoD contractors only. Other requests for this document shall be referred to AFRL/RYDT.

WARNING - This document contains technical data whose export
is restricted by the Arms Export Control Act (Title 22, U.S.C., sec 2778 et seq.) or the Export Administration Act of 1979, as amended, Title 50, U.S.C. App 2401 et seq. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25.

Electronic submittals shall be encrypted or password protected.

Block 11: End of Technical Effort.

Block 12: 30 days from Block 11.

Approval/Disapproval by letter from the Air Force Program Manager within 30 days after receipt.

Disapproval requires... (continued on next page)

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES: Draft	Final: Reg	Final: Repro
AFRL/RYDT	1	1	0
AFRL/RYOX	1	1	0
15. TOTAL →	2	2	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Stacie . Smith-Turner AFRL/RYDT (937) 713-8720	21-MAR-2019		

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
0001	A	TDP _____ TM _____ OTHER _____

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Y1LE	FA8650-19-S-1932	

16. REMARKS *(Continued)*

correction/resubmission within 30
days after receipt of Air Force comments.

Block 13: End of Contract, 90 days from Block 11.

Blocks 12 & 13: Contractor shall deliver the Final Report within 30 calendar days after completion of the technical effort. The AFRL Program Manager will take no more than 30 calendar days to review, edit, and return to the contractor. Upon receipt of the combined Technical and STINFO comments, the contractor shall take no more than 30 calendar days to incorporate all required changes and deliver the final technical report in an editable text format (MS Word)or editable PDF on CD-ROM electronic copy. CD-ROM shall be labeled IAW ANSI based AFRL Format Guidelines.

Block 14: Draft submittal shall consist of 1 editable (MS Word or PDF) file on CD-ROM. The final submittal shall consist of all editable text documents and all multimedia source files in current AF Standard Desktop format (MS Office or PDF compatible) Acceptance shall be in accordance with the ANSI based AFRL Format guidelines.

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
0001	A	TDP ____ TM ____ OTHER ____

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Y1LE	FA8650-19-S-1932	

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A002	FUNDS AND MAN-HOUR EXPENDITURE REPORT		18. ESTIMATED TOTAL PRICE

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-FNCL-80331A/T	CSOW	AFRL/RYDT

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	B	MTHLY	**

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION
N/A	*	**

16. REMARKS

Tailored to allow contractor's format.

* At the close of the contractor's monthly accounting period.

** 25 days after Block 11 time.

Submit electronically. Electronic submittals shall be encrypted or password protected.

BLOCK 9: B: Distribution authorized to US Government agencies only.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
DCMA/ACO	0	1	0
AFRL/RYDT	0	1	0
AFRL/RYF	0	1	0
AFRL/RYKSE	0	1	0
15. TOTAL →	0	4	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Stacie . Smith-Turner AFRL/RYDT (937) 713-8720	21-MAR-2019		

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
0001	A	TDP _____ TM _____ OTHER _____

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Y1LE	FA8650-19-S-1932	

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A003	CONTRACT FUNDS STATUS REPORT (CFSR)		

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-MGMT-81468/T	CSOW	AFRL/RYDT	

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	B	QRTLY	**

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION
N/A	*	***

16. REMARKS

Tailored so that the report contains forecasts by month for the next six months, by quarter for the remaining fiscal year, and by year for the remaining fiscal years. CFSR data shall be reconciled to the Governments fiscal year end at 30 September if the contractor's fiscal year end does not coincide with the Government's fiscal year end.

* The last day of the contractor's monthly accounting period nearest the end of the governments fiscal year quarter.

** The initial submission shall be within 25 calendar days after the close of the contractor's monthly accounting period nearest the end of the first government fiscal year quarter after contract award.

***Subsequent submissions shall be 25 calendar days after Block 11 time.

Submit electronically. Electronic submittals shall be encrypted or password protected.

BLOCK 9: B: Distribution authorized to US Government agencies only.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
DCMA/ACO	0	1	0
AFRL/RYDT	0	1	0
AFRL/RYF	0	1	0
AFRL/RYKSE	0	1	0
15. TOTAL →	0	4	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Stacie . Smith-Turner AFRL/RYDT (937) 713-8720	21-MAR-2019		

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
0001	A	TDP ____ TM ____ OTHER ____

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Y1LE	FA8650-19-S-1932	

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A004	SCIENTIFIC AND TECHNICAL REPORTS	SPEND PLAN	

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-MISC-80711A/T	CSOW	AFRL/RYDT	

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	B	MTHLY	**

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION
N/A	*	**

16. REMARKS

Tailored to require the reporting of current work accomplished and billed against work scheduled to be accomplished for the cumulative total work effort in dollars as defined herein. The report will show a graphical/tabular depiction by month comparing BCWS, ACWP, and the contractor's billed amount. Block 10 is clarified so that distribution to DTIC shall only be through Air Force distribution channels.

Budget Cost of Work Scheduled (BCWS) means the estimated cost of all work scheduled to be accomplished for total work effort.

Actual Cost of Work Performed (ACWP) means the actual costs of work accomplished as of the reporting cut-off date.

Billed means the amount of funds that have been billed to the Government by the contractor.

* At the end of the contractor's monthly accounting period.

** 25 days after Block 11 time.

Submit electronically. Electronic submittals shall be encrypted or password protected.

BLOCK 9: B: Distribution authorized to US Government agencies only.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
DCMA/ACO	0	1	0
AFRL/RYDT	0	1	0
AFRL/RYF	0	1	0
AFRL/RYKSE	0	1	0
15. TOTAL →	0	4	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Stacie . Smith-Turner AFRL/RYDT (937) 713-8720	21-MAR-2019		

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
0001	A	TDP ____ TM ____ OTHER ____

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Y1LE	FA8650-19-S-1932	

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A005	STATUS REPORT		18. ESTIMATED TOTAL PRICE

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-MGMT-80368A/T	CSOW	AFRL/RYDT

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	D	MTHLY	**

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION
N/A	*	**

16. REMARKS

Tailored to allow contractor's format and to delete para 3.2.3.

Submit electronically, except when final report is due to be submitted, then omit this item.

* At the close of the contractor's monthly accounting period.

** 25 days after Block 11 time.

Submit electronically. Electronic submittals shall be encrypted or password protected.

BLOCK 9: D: Distribution authorized to DoD and US DoD contractors only.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
DCMA/ACO	0	1	0
AFRL/RYDT	0	1	0
AFRL/RYKSE	0	1	0
15. TOTAL →	0	3	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Stacie . Smith-Turner AFRL/RYDT (937) 713-8720	21-MAR-2019		

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
0001	A	TDP ____ TM ____ OTHER ____

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Y1LE	FA8650-19-S-1932	

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A006	PRESENTATION MATERIAL		18. ESTIMATED TOTAL PRICE

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-ADMN-81373/T	CSOW	AFRL/RYDT

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	D	ASREQ	*

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION
N/A	N/A	*

16. REMARKS

Tailored to require only view graphs or hard copy. Submittal of the actual viewgraph is not required if the presentation is computer generated.

ASREQ means as required to document topics under discussion at briefings and reviews.

* Submit at each briefing or review as appropriate.

Maximum # of view graphs shall not exceed 500 for this contract.

Submit reproducible on media compatible with MS-Office for Windows.

Submit electronically. Electronic submittals shall be encrypted or password protected.

BLOCK 9: D: Distribution authorized to DoD and US DoD

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES: Draft	Final: Reg	Final: Repro
AFRL/RYDT	0	1	1
15. TOTAL →	0	1	1

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Stacie . Smith-Turner AFRL/RYDT (937) 713-8720	21-MAR-2019		

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
0001	A	TDP ____ TM ____ OTHER ____

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Y1LE	FA8650-19-S-1932	

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A007	DATA ACCESSION LIST (DAL)		18. ESTIMATED TOTAL PRICE

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-MGMT-81453A/T	CSOW	AFRL/RYDT

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	D	ONE/R	ASGEN
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
N/A		N/A	R/ASR

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
AFRL/RYDT	0	1	0
15. TOTAL →	0	1	0

16. REMARKS

Tailored to allow contractor's format.

R/ASR means revisions as required to keep the DAL up to date, make changes or corrections; submit revisions as generated.

Submit electronically. Electronic submittals shall be encrypted or password protected.

BLOCK 9: D: Distribution authorized to DoD and US DoD contractors only.

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Stacie . Smith-Turner AFRL/RYDT (937) 713-8720	21-MAR-2019		

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
0001	A	TDP ____ TM ____ OTHER ____

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Y1LE	FA8650-19-S-1932	

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A008	COMPUTER SOFTWARE PRODUCT	Source Code	

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-IPSC-81488/T	CSOW	AFRL/RYDT	

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	D	ASGEN	*

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION
N/A	N/A	*

16. REMARKS

Tailored to allow contractor's format.

* Submit with software for this technical effort. Delivery of Software shall be inclusive of software source code and executable.

Submit electronically. Electronic submittals shall be encrypted or password protected.

BLOCK 9: D: Distribution authorized to DoD and US DoD contractors only.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
AFRL/RYDT	0	1	0
15. TOTAL →	0	1	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Stacie . Smith-Turner AFRL/RYDT (937) 713-8720	21-MAR-2019		

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
0001	A	TDP ____ TM ____ OTHER ____

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Y1LE	FA8650-19-S-1932	

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A009	SCIENTIFIC AND TECHNICAL REPORTS	Hardware Manual	

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-MISC-80711A/T	CSOW	AFRL/RYDT	

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	D	ASGEN	ASGEN

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION
N/A	N/A	R/ASR

16. REMARKS

Tailored to allow contractor format. Block 10 is clarified so that distribution to DTIC shall only be through Air Force distribution channels.

R/ASR means revisions as required to keep the Hardware Manual up to date, make changes or corrections; submit revisions as generated.

Submit electronically. Electronic submittals shall be encrypted or password protected.

BLOCK 9: D: Distribution authorized to DoD and US DoD contractors only.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES: Draft	Final: Reg	Final: Repro
AFRL/RYDT	0	1	0
15. TOTAL →	0	1	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Stacie . Smith-Turner AFRL/RYDT (937) 713-8720	21-MAR-2019		

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
0001	A	TDP ____ TM ____ OTHER ____

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Y1LE	FA8650-19-S-1932	

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A010	SOFTWARE USER MANUAL (SUM)		

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-IPSC-81443A/T	CSOW	AFRL/RYDT	

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	D	ASGEN	ASGEN

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION
N/A	N/A	R/ASR

16. REMARKS

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BLOCK 9: D: Distribution authorized to DoD and US DoD contractors only.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES: Draft	Final: Reg	Final: Repro
AFRL/RYDT	0	1	0
15. TOTAL →	0	1	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Stacie . Smith-Turner AFRL/RYDT (937) 713-8720	21-MAR-2019		

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:
0001	A	TDP ____ TM ____ OTHER ____

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Y1LE	FA8650-19-S-1932	

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A011	SOFTWARE ARCHITECTURE DESCRIPTION		

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-SESS/82176/T	CSOW	AFRL/RYDT	

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT			
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**

16. REMARKS

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES: Draft	Final: Reg	Final: Repro
AFRL/RYDT	1	1	0
15. TOTAL →	1	1	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Stacie . Smith-Turner AFRL/RYDT (937) 713-8720	21-MAR-2019		

INSTRUCTIONS FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT PERSONNEL

Item A. Self-explanatory.

Item B. Self-explanatory.

Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning,""Configuration Management," etc.

Item D. Enter name of system/item being acquired that data will support.

Item E. Self-explanatory (to be filled in after contract award).

Item F. Self-explanatory (to be filled in after contract award).

Item G. Signature of preparer of CDRL.

Item H. Date CDRL was prepared.

Item I. Signature of CDRL approval authority.

Item J. Date CDRL was approved.

Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering.

Item 2. Enter title as it appears on data acquisition document cited in Item 4.

Item 3. Enter subtitle of data item for further definition of data item (optional entry).

Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.

Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).

Item 6. Enter technical office responsible for ensuring adequacy of the data item.

Item 7. Specify requirement for inspection/acceptance of the data item by the Government.

Item 8. Specify requirement for approval of a draft before preparation of the final data item.

Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoDD 5230.24).

Item 10. Specify number of times data items are to be delivered.

Item 11. Specify as-of date of data item, when applicable.

Item 12. Specify when first submittal is required.

Item 13. Specify when subsequent submittals are required, when applicable.

Item 14. Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16.

Item 15. Enter total number of draft/final copies to be delivered.

Item 16. Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14.; Desired medium for delivery of the data item.

FOR THE CONTRACTOR

Item 17. Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.

Reference Paragraph I.1. Statement of Objectives/Description of Technical Areas of the Microelectronics Innovation for Next-generation System Advancement and Validation (MINSAV) Advanced Research Annoucement (ARA), for Technical Areas and Scope of the MINSAV Program.

Statement of Work (SOW)

Supplemental Requirements

Attachment 2

The following paragraphs are also considered be a part of the SOW/PWS requirements and the Contractor is responsible for compliance to the same extent as the rest of the SOW/PWS.

1. Implementation of Disclosure of Information - In order to comply with DFARS 252.204-7000, Disclosure of Information, the following copies of the information to be released are required at least 45 days prior to the scheduled release date:

   (a) One copy(ies) Contracting Office

   (b) One copy(ies) to: Program Manager

2. Communications Security (COMSEC) Monitoring - All communications with DoD organizations are subject to Communications Security (COMSEC) review. Contractor personnel will be aware that telecommunications networks are continually subject to interception by unfriendly intelligence organizations. The DoD has authorized the military departments to conduct COMSEC monitoring and recording of telephone calls originating from or terminating at DoD organizations. Therefore civilian contractor personnel are advised that any time they place a call to or receive a call from a USAF organization they are subject to COMSEC procedures. The Contractor will assume the responsibility for ensuring wide and frequent dissemination of the above information to all employees dealing with official DoD information.

3. Packaging and Marking –

(a) All hardware deliverable contract items shall be packaged in accordance with established commercial practices.

(b) When special delivery and/or handling instructions are required, all boxes and/or crates must contain the following statement in plain sight and in bold letters: INSTRUCTION TO RECEIVING OFFICE - DO NOT OPEN; CONTENTS ARE SENSITIVE TO DAMAGE WHEN IMPROPERLY OPENED OR HANDLED. CONTACT THE RESPONSIBLE TECHNICAL PROJECT OFFICER IMMEDIATELY UPON RECEIPT. CONTACT: TBD FOR EACH CALL/CONTRACT

4. Program Manager – The Government Program Manager for the MINSAV effort is **Stacie Smith-Turner, AFRL/RYDT, 937-713-8720, stacie.smithturner@us.af.mil.**

5. Program Focal Points - The individuals listed below are identified as focal points for this contract. Principal Investigator: **TBD FOR EACH CALL/CONTRACT**; Technical Contract Manager: **TBD FOR EACH CALL/CONTRACT**; Alternate: **TBD FOR EACH CALL/CONTRACT**.

6. Base Support - Base support may be provided by the Government to the Contractor in accordance with this SOW/PWS.

   (a) The Contractor will require use of base support on a rent-free, non-interference basis to include Government-controlled working space, material, equipment, services (including automatic data processing), or other support (excluding use of the Defense Switched Network (DSN)) which the Government determines can be made available at, or through, any Air Force installation where this contract shall be performed.
   (b) Unless otherwise stipulated in the contract schedule, the Contractor will use base support on a no-charge-for-use basis and the value shall be a part of the Government's contract consideration.
   (c) The Contractor will immediately report (with a copy to the cognizant CAO) inadequacies, defective base support, or nonavailability of support stipulated by the contract schedule, together with a recommended plan for obtaining the required support. Facilities are not be purchased under this contract by the Contractor. Additionally, the Contractor (or authorized representative) will not purchase, or otherwise furnish any base support requirement provided by the SOW/PWS (or authorize others to do so), without prior written approval of the Contracting Officer regarding the price, terms, and conditions of the proposed purchase, or approval of other arrangements.
   (d) Following are installations where base support will be provided: AFRL/RY Sensors Directorate, Building 620, Wright-Patterson AFB, OH. Specific facilities to be employed are **TBD FOR EACH CALL/CONTRACT**.
   (e) The base support to be furnished under this contract is **TBD FOR EACH CALL/CONTRACT**. Because of the nature and location(s) of the work performed, the value of such support is undeterminable. The Contractor is not authorized to incur any costs resulting from nonsupport prior to Contracting Officer direction. In the performance of this contract or any major subcontract, no direct or indirect costs for support will be incurred if the Government determines that support is available at, or through any Air Force installation where this contract shall be performed.

7. Implementation of Patent Rights Clause –
   (a) "Interim or Final Invention Reports 1) listing the subject invention(s) and stating that all subject inventions have been disclosed, or 2) stating that there are no such inventions, shall be sent to both the Administrative Contracting Officer (the address located on the face of the contract and to det1.afrl.pk.patents@us.af.mil within the timeframes specified in the Patent Rights clause of this contract.
   (b) Contractors are highly encouraged to use DD Form 882, Report of Invention and Subcontracts, to submit these reports. The DD Form 882 may also be used for the notification of an award of any subcontract(s) for experimental, developmental or research work which contain a "Patent Rights" clause.
   (c) All other notifications required by the contract shall also be sent to the addresses in paragraph (a). This provision also constitutes the request for the following information for any subject invention for which the contractor has retained ownership (1) the filing date, (2) serial number and title, (3) a copy of the patent application, and (4) patent number and issue date. Submittal shall be to (insert contact information for person(s) at the procuring contract office who will handle patent administration, e.g., name and/or position, email, phone numbers, etc.).

8. Information Regarding Non-US Citizens Assigned to this Project –

   (a) Contractor employees requiring access to USAF bases, AFRL facilities, and/or access to U.S. Government Information Technology (IT) networks in connection with the work on this contract must be U.S. citizens. For the purpose of base and network access, possession of a permanent resident card ("Green Card") does not equate to U.S. citizenship. This requirement does not apply to foreign nationals approved by the U.S. Department of Defense or U.S. State Department under international personnel exchange agreements with foreign governments. It also does not apply to dual citizens who possess US citizenship, to include Naturalized citizens. Any waivers to this requirement must be granted in writing by the Contracting Officer prior to providing access. Specific format for waiver request will be provided upon request to the Contracting Officer. The above requirements are in addition to any other contract requirements related to obtaining a Common Access Card (CAC).

   (b) For purposes of paragraph (a) above, if an IT network/system does not require AFRL to endorse a contractor's application to said network/system in order to gain access, the organization operating the IT network/system is responsible for controlling access to its system. If an IT network/system requires an U.S. Government sponsor to endorse the application in order for access to the IT network/system; AFRL will only endorse the following types of applications; consistent with the requirements above:

      (1) Contractor employees who are U.S. citizens performing work under this contract.

      (2) Contractor employees who are non-U.S. citizens and who have been granted a waiver.

      Any additional access restrictions established by the IT network/system owner apply.

9. Implementation of Pollution Prevention and Right-To-Know Information-
   To comply with FAR Clause 52.223-05 "Pollution Prevention and Right-to-Know Information, Alt 1, and Environmental Management System (EMS) requirements, the contractor is required to complete Initial EMS Awareness-Level training for all personnel working on an Air Force installation.

   (a) The installation office responsible for providing the EMS training is **TBD FOR EACH CALL/CONTRACT**.
   (b) The training requires **TBD FOR EACH CALL/CONTRACT**.
   (c) The EMS Awareness-level training shall be accomplished within **TBD FOR EACH CALL/CONTRACT**. days of contract (or modification) award. New contract employees shall be trained within **TBD FOR EACH CALL/CONTRACT**. days of starting work on the installation.
   (d) The EMS Awareness-level training is available via **TBD FOR EACH CALL/CONTRACT**. (ie. website name and address), which provides materials that meet the training requirement.
   (e) Upon completion of the training, the contractor shall provide **TBD FOR EACH CALL/CONTRACT**. (ie the AF program manager (PM)) a list of the contractor employees' names and the date the training was completed.

10. Fundamental Research –

Pursuant to DFARS 252.204-7000, Disclosure of Information, the exception allowing release in Paragraph (a)(3) is applicable to Statement of Work section(s)/task(s) **TBD FOR EACH CALL/CONTRACT**, only as long as the work remains in the public domain, or is considered fundamental research and not sensitive or inappropriate for public release. Any time work progresses to the non-public domain, exceeds the scope of fundamental research, or you have reason to believe the work has become sensitive or inappropriate for release to the public, then this exception no longer applies.

AIR FORCE RESEARCH LABORATORY (AFRL) AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)/ NATIONAL INFORMATION STANDARDS ORGANIZATION (NISO)-BASED GUIDE TO FORMATTING TECHNICAL REPORTS

February 2018

HEADQUARTERS AFRL
DIRECTOR OF STAFF
INTEGRATION AND OPERATIONS DIVISION
INFORMATION MANAGEMENT
WRIGHT-PATTERSON AFB, OH 45433

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1.0 COMPONENTS OF A TECHNICAL REPORT

The United States Air Force uses ANSI/NISO Z39.18 as a formatting guide for technical reports. This guidance highlights fundamental formatting recommendations addressed in the ANSI/NISO standard, as shown in Table 1. Full component descriptions are available in the ANSI/NISO Z39.18 which can be found at the link below:
http://groups.niso.org/apps/group_public/download.php/12038/Z39_18_2005_R2010

Table 1. Components of a Technical Report

COMPONENT	RESPONSIBLE PARTY	INCLUSION STATUS
FRONT MATTER (page numbering sequentially with Roman numerals beginning with Table of Contents)		
Cover or Title	Government Work Unit Manager (WUM)	***Required***
Notice and Signature Page	Government WUM	***Required***
Notice to Accompany the Dissemination of Export-Controlled Technical Data (See Appendix B)	**Defense Technical information Center (DTIC) will add this to technical report.**	
Standard Form (SF) 298, *Report Documentation Page*	Report Author	***Required***
Table of Contents	Report Author	***Required***
List(s) of Figures and Tables	Report Author	Conditional *(include when there are more than five figures and/or tables)*
Foreword	Report Author	Optional
Preface	Report Author	Optional
Acknowledgements	Report Author	Optional
BODY (page numbering sequentially beginning with the Arabic numeral 1)		
Summary	Report Author	***Required***
Introduction	Report Author	***Required***
Methods, Assumptions, and Procedures	Report Author	***Required***
Results and Discussion	Report Author	***Required***
Conclusions	Report Author	***Required***
Recommendations	Report Author	Conditional *(include when purpose of report is to suggest a course of action)*
References	Report Author	Conditional (use if references are provided)
BACK MATTER (page numbering continues sequentially from body of report)		
Appendices	Report Author	Conditional ***(Include when needed to supplement Results and Discussion)***
Bibliography	Report Author	Conditional
List of Symbols, Abbreviations, and Acronyms	Report Author	Conditional ***(include if used in any other component of the report)***
Glossary of Terminology	Report Author	Conditional ***(Include if report incorporates terms unfamiliar to the intended audience)***
Index	Report Author	Optional
Distribution List	Report Author/Government WUM	Conditional ***(Some technology directorates control access)***
Back Cover	Report Author	Required for classified reports only

2.0 FRONT MATTER

2.1 Cover Page (see Table 2 and Figure 1)

- AFRL Shield, upper left-hand corner
- Technical Report Document Number
- Main Title
- Subtitle (if applicable)
- Author Name(s) (First Name/Last Name)
- Wing/Technical Directorate or Prime Contractor Company Name (address can be added. Just be consistent).
- Subcontractor Company Name (if applicable) (address can be added, just be consistent).
- Report Date (Month followed by four-digit year)
- Type of Report (interim or final)
- Distribution Statement and reasons for the statement's assignment (see Department of Defense Instruction (DoDI) 5230.24).
- Warning Statement for Export Control (if applicable)
- Destruction Notice
- Pointer Text to other limits
- Notice of Copyright (if applicable)
- Sponsoring Directorate

Table 2. Cover Page Elements

Component	Explanation
AFRL Shield	Located in upper left-hand corner.
Technical Report Number	Assigned by the directorate Science & Technical Information (STINFO) Office upon receipt.
Main Title	Accurate and specific to describe the contents of the report.
Subtitle	If applicable; Used for a delivery or task order (DO-TO) or volume title in a series.
Author Name(s)	Full names to include middle initial(s).
Company Name	Primary performing company name.
Report Date	Month and four-digit year.
Special Report Type	i.e., Small Business Innovative Research (SBIR), Small Business Technology Transfer (STTR) Broad Agency Announcement (BAA), etc.
Distribution Statement	Per the contract.
Data Rights Notice	Whenever Proprietary Information appears as a reason in a distribution statement, a description of the type of data rights in the report is provided parenthetically after the reason- Limited Rights Data, SBIR Data Rights, Government Purpose Rights Data Restricted Rights, etc.
Warning	Standard export control warning (if applicable)
Destruction Notice	Standard destruction notice, one for unclassified data and a different one for classified data.
Copy Right Notice	Asserted copyrights, if any.
Classification Caveats	For classified documents, derived from and declassification information.
Sponsoring Directorate	Address supplied by your local STINFO Office.

AFRL-RH-WP-TR-2017-XXXX

Be consistent with the font size (i.e., Main Title-16 pt/Bold, all caps; Subtitle- 14 pt/bold)

MAIN TITLE

Subtitle *(if applicable)*

Author(s) First name/Last name

Contractor Company Name *(if applicable)*

Author(s) First name/Last name

Subcontractor Company Name *(if applicable)*

Month/Year

Final Report

THIS IS A SMALL BUSINESS INNOVATION RESEARCH (SBIR) PHASE I REPORT

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AIR FORCE RESEARCH LABORATORY
711TH HUMAN PERFORMANCE WING
AIRMAN SYSTEMS DIRECTORATE
WRIGHT-PATTERSON AIR FORCE BASE, OH 45433
AIR FORCE MATERIEL COMMAND
UNITED STATES AIR FORCE

Figure 1. Sample of a Cover Sheet

2.2 Pages Following Coversheet

- The appropriate Notice Page or Pages (see Appendix A).
- Standard Form (SF) 298, *Report Document Page* (see Figure 2).
- Typically, three sections follow the SF 298 in this succession: Table of Contents, List of Figures, and List of Tables.

2.2.1. SF 298

The accuracy and completeness of the SF 298 are critical to the report so that the document will be more easily retrieved from Defense Technical Information (DTIC) or other databases. The Contractor/Author shall complete Blocks 1 – 5b, 6 – 8, 12 – 15 of SF 298 and submit per Contract Data Requirements List (CDRL) requirements. See Table 3 and Figure 2. Here is the link for SF 298: https://app_gsagov_prod_rdcgwaajp7wr.s3.amazonaws.com/SF%20298.pdf

Table 3. Explanation of SF 298 Components

Block No./Component	Explanation
1 Report Date	Month/year of the report, typically the month of or following the ending period of the performance month. Ensure this date matches the date on the cover.
2 Report Type	Final or Interim
3 Dates Covered (From-To)	The period during which the technical effort was performed.
4 Title/Subtitle	Should match the cover title/subtitle. Use a distinctive title and subtitle that distinguished the report from others that cover the same general topic, as when more than one report is produced that has the same overall title.
5a – 5b Contract and funding information	Information should be in the contract. If not, the AFRL Program Manager (PM) or STINFO Officer/Liaison will provide.
5c – 5f Contract information	AFRL WUM or STINFO Officer/Liaison will provide.
6. Authors	The author or authors' first and last names (initials are acceptable)
7. Performing Organization Name(s) and Address(es)	The organization(s) or company(ies) that performed the work. Most commonly, the name and address of only the prime contractor appears here.
8. Performing Organization Report Number	The number assigned to the document by the contractor or if in-house-authored, the number assigned to the document (see Block 11 description)
9. Sponsoring/Monitoring Agency (Name(s) and Address(es)	The organization providing technical oversight for the contract. Occasionally, an effort is co-sponsored, such as when an effort is co-funded by multiple government agencies, such as a division within the Defense Advanced Research Projects Agency (DARPA)
10. Sponsoring/Monitoring Agency Acronym(s)	Branch-level AFRL symbol or other controlling Department of Defense (DoD) office (CDO) descriptive acronym.
11. Sponsoring/Monitoring Agency Report Number(s)	The complete AFRL document number assigned by the directorate STINFO. Ex: AFRL-RD-PS-TR-2017-0010-TR
12. Distribution/Availability Statement	See Appendix A.
13. Supplementary Notes	Export control notice; SBIR information; references to previous editions or related volumes; copyright notice; special grant numbers; references to related documents, etc.
14. Abstract	The overall purpose of the research and/or its applications, including major results and conclusions
15. Subject Terms	Terms and key words that make the report accessible, making it appear in search retrieval lists.
16. Security Classification	The classification of the whole document.
17. Limitation of Abstract	Same as report (SAR) (Enter SAR)
18. Number of Pages	Total number of pages including front matter.
19a. Name of Responsible Person	Controlling DoD PM.
19b. Telephone Number	Controlling DoD PM. (Leave blank for Distribution A documents)

SAMPLE REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

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

1. REPORT DATE *(DD-MM-YYYY)*
11/10/2016

2. REPORT TYPE
FINAL

3. DATES COVERED *(From - To)*
03 March 2015 – 11 December 2017

4. TITLE AND SUBTITLE
Comparative Assessment of Torso and Seat Mounted Restraint Systems

(Ensure this title matches the cover sheet title)

5a. CONTRACT NUMBER
FA8650-15-D-1111

5b. GRANT NUMBER

5c. PROGRAM ELEMENT NUMBER
65502F

6. AUTHOR(S)
First Name(s)/Last Name(s)

5d. PROJECT NUMBER
3005

5e. TASK NUMBER
0001

5f. WORK UNIT NUMBER
H07L

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)
ABC Research
123 Any Street
City, State Zip

8. PERFORMING ORGANIZATION REPORT NUMBER

9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES)
Air Force Research Laboratory
Airman Systems Directorate
Wright-Patterson Air Force Base
45433

NOTE: If Block 7 is the same as Block 9, just fill in Block 7.

10. SPONSOR/MONITOR'S ACRONYM(S)
AFRL/RHC

11. SPONSOR/MONITOR'S REPORT NUMBER(S)
AFRL-RH-WP-TR-2017-0011

12. DISTRIBUTION / AVAILABILITY STATEMENT
DISTRIBUTION STATEMENT B. Distribution authorized to U.S. Government agencies only; Proprietary Information (SBIR Data Rights), Critical Technology and Export Controlled; December 2017. Other requests for this document shall be referred to AFRL/RH, Wright-Patterson Air Force Base, OH 45433.

13. SUPPLEMENTARY NOTES
Export control restrictions apply. This is a Small Business Innovation Research (SBIR) Phase I report. EXPORT CONTROLLED. **Include Copy Right material in this block, if applicable.**

14. ABSTRACT
This report was developed under a SBIR contract for topic ABC.

15. SUBJECT TERMS
SBIR

16. SECURITY CLASSIFICATION OF:			**17. LIMITATION OF ABSTRACT**	**18. NUMBER OF PAGES**	**19a. NAME OF RESPONSIBLE PERSON**
a. REPORT	**b. ABSTRACT**	**c. THIS PAGE**			AFRLWUM
Unclassified	Unclassified	Unclassified	SAR	77	**19b. TELEPHONE NUMBER** *(include area code)*

Standard Form 298 (Rev. 8-98)
Prescribed by ANSI Std. Z39.18

Figure 2. Sample SF 298

2.4 Table of Contents

Start pagination of Table of Contents with lower-case Roman numeral "i" as shown in Figure 3. Start listing contents that are in the Front Matter (e.g., List of Figures, List of Tables, Foreword, Preface, the Body of text, then Back Matter). Appendix labels should be in alphabetical order, and page numbers should continue from the previous section. If there is only one Appendix, just call it an Appendix. If a report contains more than five figures or tables, or some combination totaling more than five, a list of figures and/or tables is required. If less than five, it is optional.

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Figure 3. Table of Contents Example (border not required)

2.5 List of Figures

Continue pagination with lower-case Roman numerals as shown in Figure 4. List all figures found in text, excluding those that appear in any appendix (list appendix figures at the front of each appendix, if applicable).

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Figure 4. List of Figures Example (border provided for figure simulation only)

2.6 List of Tables

Continue pagination with lower-case Roman numerals as shown in Figure 5. List all Tables found in text, excluding those that appear in any appendix (list appendix tables at the front of each appendix, if applicable.)

LIST OF TABLES

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Table 1 Some of the Upper-Stage Propulsion Options……..……19
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Table 3 Results of Test Firing #2……...……26

Figure 5. List of Tables Example (border provided for figure simulation only)

3.0 BODY

3.1 Required Headings

Start the body of the text with the **Summary or Executive Summary (1.0)** and begin pagination with Page 1 (Arabic numerals) (see Figure 3).

3.2 References

References should be listed numerically, in the order they appear in the text. The Reference page should be at the end of the report *(not at the end of each section)*. For works that are generally referred to throughout the report, without citing specific references from the work, create a Bibliography (in alphabetical order). Personal communications, unpublished speeches, or any other information not available for reference by the reader should not be included in the References – *footnote your citation instead*. References must be available to readers of the report. The examples below are a suggested format.

3.2.1. Papers / Journal Articles / Conference Presentations or Proceedings

Author's last name, then first name, Titles of papers are in quotation marks; Journal names or Conference names are in italics; Volume is bolded; Date follows comma (not within parenthesis); Page numbers (pp.) are last.

Examples:

Chidambaram, N., Dash, S., and Kenzakowski, D., "Scalar Variance Transport in the Turbulence Modeling of Propulsive Jets," *Journal of Propulsion and Power*, **17**, 1, Jan 2001, pp. 79-84.

Author(s), "Title of Article," Paper No. (if AIAA or CPIA paper, etc.), *Name of Conference,* Location, Date.

Chai, A.H., Cao, Z.T., Chen, H. P., "Monte Carlo Method Study of Terahertz Pulse, Propagation in Biological Tissue," *Proceedings of the 2005 IEEE, EMBS 27th Annual Conference,* Shanghai, China (2005).

3.2.2. URLs

The URL or other path information appears instead of the volume and number cited for a conventional journal. It is frequently useful to the reader to know the date when the material was accessed. In such cases, "Accessed [date]" would be appropriate wording.

Virillio, Paul, "Speed and Information: Cyberspace Alarm!" CTHEORY, URL: http://www.freedonia.com/ctheory/, last modified 19 September 1995. Accessed 17 November 1999

3.2.3. Technical Reports

Enter Author's last name, then first; Titles of reports are in italics; Next is report number; DTIC Accession Number, Distribution Code and/or PA Clearance/Date, Name and address of performing agency/organization; Date is last.

Example:

Author(s), Title, AFRL-PR-ED-TR-20XX-XXXX, Company, Inc., City, State, Jan 2006

In-House Author Example

Gaitonde, Datta, Advances in High-Fidelity Multiphysics Simulation, AFRL-RB-WP-TR-2008-3019; ADB123456, Distribution B, Wright-Patterson AFB: AFRL Air Vehicles Directorate, 2008

Gaitonde, Datta, Advances in High-Fidelity Multiphysics Simulation, AFRL-RB-330 WP-TR-2008-3019, XXABW Cleared XX/XX/XXXX; XXABW-XXXX-331 XXXX, Wright-Patterson AFB: AFRL Air Vehicles Directorate, 2008

3.2.4. Books

Enter Author's last name, then first name; Title of book can be **Bolded** or <u>Underlined</u>; Publisher's name and location (city and state); Date of publication; Page numbers last.

Example:

Author(s), **Book Title,** Harper & Rowe, New York, NY, 1993, pp. 36-38, 77, 98-101

Wylie, C.R., **Advanced Engineering Mathematics**, 7th ed, McGraw-Hill, New York, NY, 2005, pp 15-18

4.0 BACK MATTER

Pagination continues from the body. Include conditional and optional Back Matter in the order listed in the components table on page 1: Appendices, Bibliography, List of Symbols, Abbreviations, and Acronyms, Glossary, Index, Distribution List, and Back Cover.

4.1 Appendices

If there is only one appendix, the title Appendix would be without an alphabet letter (i.e., Appendix A, Appendix B). All tables and figures in that appendix are prefixed with A-, the "A" representing the word, Appendix. Each appendix should be referred to in the body text. Any references cited in an appendix must be listed as the last page of the appendix. Appendix page numbering is a sequential continuation of the Arabic text page numbering. Number figures, tables, equations, and references in an appendix with the letter of the appendix, followed by a hyphen and a sequential number, starting at 1, e.g., Figure A-1, A-2, B-1, B-2 for appendix figures, Table A-1, A-2, B-1, B-2 for appendix tables and A-1, B-1 for reference citations.

4.2 Symbols, Abbreviations and Acronyms

When first introduced in the report (title or text), completely write out abbreviations and acronyms, followed by the abbreviation or acronym in parentheses, e.i., Small Business Innovation Research (SBIR). Thereafter, use only the acronym/ abbreviation in the body text; i.e., SBIR only if they are proper names (e.g., Department of Defense). See Figure 6. Create an acronym list that lists and defines all acronyms and symbols that appear in your report. List all terms alphabetically, beginning with those starting with capital letters, followed by lower case (e.g., H2, HEDM, hcp). Follow alphabetical entries with Greek or special symbols. Capitalize definitions only if they are proper names (e.g. Department of Defense).

LIST OF SYMBOLS, ABBREVIATIONS AND ACRONYMS

CAT	Computerized Axial Tomography
COMSAT	Communication Satellites
DMP-128	a Polaroid™ photopolymer
DoD	Department of Defense
Dcg	dichromated gelatin
H^2	hydrogen
HEDM	High Energy Density Matter
∀	Angle of Attack

Figure 6. Example of Lists of Symbols, Abbreviations and Acronyms

5.0 FORMAT REQUIREMENTS.

5.1 Type (Font) and Headings (Section Titles)

The recommended font is 12-point Times New Roman or Arial throughout the report. Figure 7 shows an example (format and spacing) of headings:

1.0 HEADING 1 IS ALL UPPER CASE AND BOLDED

1.1 Heading 2 is Bolded, Same Font Size as Text, Upper and Lower Case, Flush with Left Margin

1.1.1. Heading 3 is Boldface, Upper and Lower Case Letters, *followed by a Period*. Then continue the copy.

Figure 7. Heading Formats

5.2 Spacing

Final reports should be single spaced. It isn't necessary to double-space between paragraphs if the first line of each paragraph is indented.

5.3 Margins

Leave 1-inch left, right, and top margins. Leave enough room at the bottom of each page to include page numbers and notices (applicable restrictive statements (i.e., Public Affairs (PA) Clearance, additional control markings, distribution statement, export control warning, etc., as applicable).

5.4 Numbering

Page numbers are centered at the bottom of the page, above the footer. Figure numbers and their captions are on the same line below figures, while table numbers and their captions are on the same line above the tables. (See Figure 4 and Figure 5).

6.0 PRESENTATION STYLES

6.1 Style for Equations, Figures, and Tables

All equations, figures and tables shall be crisp and easy to read as shown in Equation 1. Figure and Table Captions should be in at least an 8-point type (handwriting on figures and tables is not). List of figures and tables are numbered, worded, spelled and punctuated exactly as they are in the report.

6.1.1. Style for Equations

$$(1+x)^n = 1 + \frac{nx}{1!} + \frac{n(n-1)x^2}{2!} + \cdots \quad (1)$$

$$x = \frac{-b \pm \sqrt{b^2-4ac}}{2a} \quad (2)$$

Equation 1. Sample Equations

6.1.2. Style for Figure Captions

Figure captions should be in title case letters using a consistent font, as shown in Figure 8 below. The Figure Caption describes the content without giving background information, results, or comments about the figure. Reference to figures and tables must appear in the text before the actual figure or table appears in the report. Where possible, integrate figures and tables into text and place figure/table as soon after the first mention of it as possible, before beginning a new subject. There should be two blank lines between Figures or Tables and text.

Sample Representation Only
(border not required.)

Figure 8. Figure Caption is on Same Line as Figure Number

6.1.3. Style for Table Captions

Authors should use the style listed in section 4.1.2. As shown in Table 4, the caption line and caption number should be centered, bolded, with no period at the end of the caption.

Table 4. Table Caption is on Same Line as Table Number

NAME	ADDRESS	CITY, STATE

7.0 REFERENCES

ANSI/NISO Z39.18-2005 (R2010), Scientific and Technical Reports – Preparation, Presentation and Preservation, 13 May 2010.

Defense Federal Acquisition Regulation Supplement (DFARS) and Procedures, Guidance, and Information (PGI).

DoDI 5230.24, *Distribution Statements on Technical Documents*, 01 November 2017.

8.0 LIST OF ACRONYMS & GLOSSARY

AFRL – Air Force Research Laboratory
ANSI – American National Standards Institute
BAA – Broad Agency Announcement
CDO – Controlling DoD Office
CDRL – Contract Data Requirements List
DARPA – Defense Advanced Research Projects Agency
DoD – Department of Defense
DoDI – Department of Defense Instruction
DO-TO – Delivery – Task Order
DTIC – Defense Technical Information Center
NISO – National Information Standards Organization
PA – Public Affairs
PM – Program Manager
SAR – Same as Report
SBIR – Small Business Innovative Research
STINFO – Science & Technical Information
STTR – Small Business Technology Transfer
WUM – Work Unit Manager

APPENDIX A – Notice and Signature Pages

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52.212-4 (Alt I), Contract Terms and Conditions—Commercial Items 52.216-7, Allowable Cost and Payment 52.232-7, Payments under Time-and-Materials and Labor-Hour Contracts	Cost Voucher	X	X	N/A	Line item specific proration. If there is more than one ACRN within a deliverable line or deliverable subline item, the funds will be allocated in the same proportion as the amount of funding currently unliquidated for each ACRN on the deliverable line or deliverable subline item for which payment is requested.
52.232-1, Payments	Navy Shipbuilding Invoice (Fixed Price)	X	N/A	N/A	Line Item specific by fiscal year. If there is more than one ACRN within a deliverable line or deliverable subline item, the funds will be allocated using the oldest funds. In the event of a deliverable line or deliverable subline item with two ACRNs with the same fiscal year, those amounts will be prorated to the available

PGI 204.7108 Payment instructions.

					unliquidated funds for that year.
52.232-1, Payments; 52.232-2, Payments under Fixed-Price Research and Development Contracts; 52.232-3, Payments under Personal Services Contracts; 52.232-4, Payments under Transportation Contracts and Transportation-Related Services Contracts; and 52.232-6, Payments under Communication Service Contracts with Common Carriers	Invoice	X	X	N/A	Line Item Specific proration. If there is more than one ACRN within a deliverable line or deliverable subline item, the funds will be allocated in the same proportion as the amount of funding currently unliquidated for each ACRN on the deliverable line or deliverable subline item for which payment is requested.
52.232-5, Payments Under Fixed-Price Construction Contracts	Construction Payment Invoice	N/A	N/A	X	Line Item specific by fiscal year. If there is more than one ACRN within a deliverable line or deliverable subline item, the funds will be allocated using the oldest funds. In

PGI 204.7108 Payment instructions.

					the event of a deliverable line or deliverable subline item with two ACRNs with the same fiscal year, those amounts will be prorated to the available unliquidated funds for that year.
52.232-16, Progress Payments	Progress Payment*	X	X	N/A	Contract-wide proration. Funds shall be allocated in the same proportion as the amount of funding currently unliquidated for each ACRN. Progress Payments are considered contract level financing, and the "contract price" shall reflect the fixed price portion of the contract per FAR 32.501-3.
52.232-29, Terms for Financing of Purchases of Commercial Items; 52.232-30, Installment Payments for Commercial Items	Commercial Item Financing*	X	X	N/A	Specified in approved payment. The contracting officer shall specify the amount to be paid and the account(s) to be charged for each payment approval in accordance with FAR 32.207(b)(2) and 32.1007(b)(2).

PGI 204.7108 Payment instructions.

52.232-32, Performance-Based Payments	Performance-Based Payments*	X	X	N/A	Specified in approved payment. The contracting officer shall specify the amount to be paid and the account(s) to be charged for each payment approval in accordance with FAR 32.207(b)(2) and 32.1007(b)(2).
252.232-7002, Progress Payments for Foreign Military Sales Acquisitions	Progress Payment*	X	X	N/A	Allocate costs among line items and countries in a manner acceptable to the Administrative Contracting Officer.

*Liquidation of Financing Payments. Liquidation will be applied by the payment office against those ACRNs which are identified by the payment instructions for the delivery payment and in keeping with the liquidation provision of the applicable contract financing clause (i.e., progress payment, performance-based payment, or commercial item financing).

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52.204-17 OWNERSHIP OR CONTROL OF OFFEROR (JUL 2016)
52.222-38 COMPLIANCE WITH VETERANS' EMPLOYMENT REPORTING REQUIREMENTS (FEB 2016)
52.225-25 PROHIBITION ON CONTRACTING WITH ENTITIES ENGAGING IN CERTAIN ACTIVITIES OR TRANSACTIONS RELATING TO IRAN--REPRESENTATION AND CERTIFICATIONS (AUG 2018)

B. DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT SOLICITATION PROVISIONS

252.204-7008 COMPLIANCE WITH SAFEGUARDING COVERED DEFENSE INFORMATION CONTROLS (OCT 2016)

II. NOTICE: The following solicitation provisions pertinent to this section are hereby incorporated in full text:

FEDERAL ACQUISITION REGULATION SOLICITATION PROVISIONS IN FULL TEXT

52.204-05 WOMEN-OWNED BUSINESS (OTHER THAN SMALL BUSINESS) (OCT 2014)

(a) Definition. "Women-owned business concern," as used in this provision, means a concern that is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

(b) Representation. (Complete only if the offeror is a women-owned business concern and has not represented itself as a small business concern in paragraph (c)(1) of FAR 52.219-1, Small Business Program Representation, of this solicitation.) The offeror represents that it [ ] is a women-owned business concern.

52.204-08 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (OCT 2018)

(a)

(1) The North American Industry Classification System (NAICS) code for this acquisition is 541715.

(2) The small business size standard is 100.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b)

(1) If the provision at 52.204-7, System for Award Management, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the provision at 52.204-7, System for Award Management, is not included in this solicitation, and the Offeror has an active registration in the System for Award Management (SAM), the Offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The Offeror shall indicate which option applies by checking one of the following boxes:

[ ] (i) Paragraph (d) applies.

[ ] (ii) Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(c)

(1) The following representations or certifications in SAM are applicable to this solicitation as indicated:

(i) 52.203-2, Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless—

(A) The acquisition is to be made under the simplified acquisition procedures in Part 13;

(B) The solicitation is a request for technical proposals under two-step sealed bidding procedures; or

(C) The solicitation is for utility services for which rates are set by law or regulation.

(ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed $150,000.

(iii) 52.203-18, Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements or Statements -- Representation. This provision applies to all solicitations.

(iv) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the provision at 52.204-7, System for Award Management.

(v) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that-

(A) Are not set aside for small business concerns;

(B) Exceed the simplified acquisition threshold; and

(C) Are for contracts that will be performed in the United States or its outlying areas.

(vi) 52.209-2, Prohibition on Contracting with Inverted Domestic Corporations--Representation.

(vii) 52.209-5, Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.

(viii) 52.209-11, Representation by Corporations Regarding Delinquent Tax Liability or a Felony Conviction under any Federal Law. This provision applies to all solicitations.

(ix) 52.214-14, Place of Performance--Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.

(x) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.

(xi) 52.219-1, Small Business Program Representations (Basic & Alternate I). This provision applies to solicitations when the contract will be performed in the United States or its outlying areas.

(A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.

(B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.

(xii) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract will be performed in the United States or its outlying areas.

(xiii) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.

(xiv) 52.222-25, Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at 52.222-26, Equal Opportunity.

(xv) 52.222-38, Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial items.

(xvi) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA-designated items; or include the clause at 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.

(xvii) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA- designated items.

(xviii) 52.223-22, Public Disclosure of Greenhouse Gas Emissions and Reduction Goals - Representation. This provision applies to solicitations that include the clause at 52.204-7.

(xix) 52.225-2, Buy American Certificate. This provision applies to solicitations containing the clause at 52.225-1.

(xx) 52.225-4, Buy American - Free Trade Agreements - Israeli Trade Act Certificate. (Basic, Alternates I, II and III.) This provision applies to solicitations containing the clause at 52.225- 3.

(A) If the acquisition value is less than $25,000, the basic provision applies.

(B) If the acquisition value is $25,000 or more but is less than $50,000, the provision with its Alternate I applies.

(C) If the acquisition value is $50,000 or more but is less than $80,317, the provision with its Alternate II applies.

(D) If the acquisition value is $80,317 or more but is less than $100,000, the provision with its Alternate III applies.

(xxi) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.

(xxii) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan--Certification. This provision applies to all solicitations

(xxiii) 52.225-25, Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran-Representation and Certification. This provision applies to all solicitations.

(xxiv) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions; and

(2) The following representations or certifications are applicable as indicated by the Contracting Officer:

[Contracting Officer check as appropriate.]

_____ (select or state n/a) ------(i) 52.204-17, Ownership or Control of Offeror.

_____ (select or state n/a ------- (ii) 52.204-20, Predecessor of Offeror

_____ (select or state n/a) ------(iii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.

_____ (select or state n/a) ------(iv) 52.222-48, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Certification.

_____ (select or state n/a) ------(v) 52.222-52 Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Certification.

_____ (select or state n/a) ------(vi) 52.223-9, with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (Alternate I only).

_____ (select or state n/a) ------(vii) 52.227-6, Royalty Information.

_____ (select or state n/a) ------ (A) Basic.

_____ (select or state n/a) ------ (B) Alternate I.

_____ (select or state n/a) ------(viii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.

(d) The Offeror has completed the annual representations and certifications electronically in SAM accessed through https://www.sam.gov. After reviewing the SAM information, the Offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within the

last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [offeror to insert changes, identifying change by clause number, title, date]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR Clause	Title	Date	Change

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on SAM.

52.204-20 PREDECESSOR OF OFFEROR (JUL 2016)

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

Commercial and Government Entity (CAGE) code means--

(1) An identifier assigned to entities located in the United States and its outlying areas by the Defense Logistics Agency (DLA) Contractor and Government Entity (CAGE) Branch to identify a commercial or government entity, or

(2) An identifier assigned by a member of the North Atlantic Treaty Organization (NATO) or by the NATO Support and Procurement Agency (NSPA) to entities located outside the United States and its outlying areas that DLA Commercial and Government Entity (CAGE) Branch records and maintains in the CAGE master file. This type of code is known as a NATO CAGE (NCAGE) code.

"Predecessor" means an entity that is replaced by a successor and includes any predecessors of the predecessor.

"Successor" means an entity that has replaced a predecessor by acquiring the assets and carrying out the affairs of the predecessor under a new name (often through acquisition or merger). The term ``successor'' does not include new offices/divisions of the same company or a company that only changes its name. The extent of the responsibility of the successor for the liabilities of the predecessor may vary, depending on State law and specific circumstances.

(b) The Offeror represents that it [ ] is or [ ] is not a successor to a predecessor that held a Federal contract or grant within the last three years.

(c) If the Offeror has indicated ``is'' in paragraph (b) of this provision, enter the following information for all predecessors that held a Federal contract or grant within the last three years (if more than one predecessor, list in reverse chronological order):

Predecessor CAGE code: _____ (or mark ``Unknown'').

Predecessor legal name: _____.
(Do not use a ``doing business as'' name).

52.209-02 PROHIBITION ON CONTRACTING WITH INVERTED DOMESTIC CORPORATIONS -- REPRESENTATION (NOV 2015)

(a) Definitions. “Inverted domestic corporation” and “subsidiary” have the meaning given in the clause of this contract entitled Prohibition on Contracting with Inverted Domestic Corporations (52.209-10).

(b) Government agencies are not permitted to use appropriated (or otherwise made available) funds for contracts with either an inverted domestic corporation, or a subsidiary of an inverted domestic corporation, unless the exception at 9.108-2(b) applies or the requirement is waived in accordance with the procedures at 9.108-4.

(c) Representation. The offeror represents that—

(1) It [ ] is, [ ] is not an inverted domestic corporation; and

(2) It [ ] is, [ ] is not a subsidiary of an inverted domestic corporation.

52.209-05 CERTIFICATION REGARDING RESPONSIBILITY MATTERS (OCT 2015)

(a)

(1) The Offeror certifies, to the best of its knowledge and belief, that --

(i) The Offeror and/or any of its Principals --

(A) Are [ ] are not [ ] presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(B) Have [ ] have not [ ], within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) contract or subcontract; violation of Federal or State antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen property (if offeror checks “have”, the offeror shall also see 52.209-7, if included in this solicitation); and

(C) Are [ ] are not [ ] presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision; and

(D) Have [ ] have not [ ] within a three-year period preceding this offer, been notified of any delinquent Federal taxes in an amount that exceeds $3,500 for which the liability remains unsatisfied.

(1) Federal taxes are considered delinquent if both of the following criteria apply:

(i) The tax liability is finally determined. The liability is finally determined if it has been assessed. A liability is not finally determined if there is a pending administrative or judicial challenge. In the case of a judicial challenge to the liability, the liability is not finally determined until all judicial appeal rights have been exhausted.

(ii) The taxpayer is delinquent in making payment. A taxpayer is delinquent if the taxpayer has failed to pay the tax liability when full payment was due and required. A taxpayer is not delinquent in cases where enforced collection action is precluded.

(2) Examples.

(i) The taxpayer has received a statutory notice of deficiency, under I.R.C. §6212, which entitles the taxpayer to seek Tax Court review of a proposed tax deficiency. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek Tax Court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(ii) The IRS has filed a notice of Federal tax lien with respect to an assessed tax liability, and the taxpayer has been issued a notice under I.R.C. §6320 entitling the taxpayer to request a hearing with the IRS Office of Appeals contesting the lien filing, and to further appeal to the Tax Court if the IRS determines to sustain the lien filing. In the course of the hearing, the taxpayer is entitled to contest the underlying tax liability because the taxpayer has had no prior opportunity to contest the liability. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek tax court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(iii) The taxpayer has entered into an installment agreement pursuant to I.R.C. §6159. The taxpayer is making timely payments and is in full compliance with the agreement terms. The taxpayer is not delinquent because the taxpayer is not currently required to make full payment.

(iv) The taxpayer has filed for bankruptcy protection. The taxpayer is not delinquent because enforced collection action is stayed under 11 U.S.C. 362 (the Bankruptcy Code).

(ii) The Offeror has [ ] has not [ ], within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) “Principal,” for the purposes of this certification, means an officer; director; owner; partner; or a person having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a division or business segment; and similar positions).

This Certification Concerns a Matter Within the Jurisdiction of an Agency of the United States and the Making of a False, Fictitious, or Fraudulent Certification May Render the Maker Subject to Prosecution Under Section 1001, Title 18, United States Code.

(b) The Offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror's responsibility. Failure of the Offeror to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsible.

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly rendered an erroneous certification, in addition to other remedies available to the Government, the Contracting Officer may terminate the contract resulting from this solicitation for default.

52.209-07 INFORMATION REGARDING RESPONSIBILITY MATTERS (OCT 2018)

(a) Definitions. As used in this provision—

“Administrative proceeding” means a non-judicial process that is adjudicatory in nature in order to make a determination of fault or liability (e.g., Securities and Exchange Commission Administrative Proceedings,

Civilian Board of Contract Appeals Proceedings, and Armed Services Board of Contract Appeals Proceedings). This includes administrative proceeding at the Federal and State level but only in connection with performance of a Federal contract or grant. It does not include agency actions such as contract audits, site visits, corrective plans, or inspection of deliverables.

“Federal contracts and grants with total value greater than $10,000,000” means—

(1) The total value of all current, active contracts and grants, including all priced options; and

(2) The total value of all current, active orders including all priced options under indefinite-delivery, indefinite-quantity, 8(a), or requirements contracts (including task and delivery and multiple-award Schedules).

"Principal" means an officer, director, owner, partner, or a person having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a division or business segment; and similar positions).

(b) The offeror [_] has [_] does not have current active Federal contracts and grants with total value greater than $10,000,000.

(c) If the offeror checked “has” in paragraph (b) of this provision, the offeror represents, by submission of this offer, that the information it has entered in the Federal Awardee Performance and Integrity Information System (FAPIIS) is current, accurate, and complete as of the date of submission of this offer with regard to the following information:

(1) Whether the offeror, and/or any of its principals, has or has not, within the last five years, in connection with the award to or performance by the offeror of a Federal contract or grant, been the subject of a proceeding, at the Federal or State level that resulted in any of the following dispositions:

(i) In a criminal proceeding, a conviction.

(ii) In a civil proceeding, a finding of fault and liability that results in the payment of a monetary fine, penalty, reimbursement, restitution, or damages of $5,000 or more.

(iii) In an administrative proceeding, a finding of fault and liability that results in—

(A) The payment of a monetary fine or penalty of $5,000 or more; or

(B) The payment of a reimbursement, restitution, or damages in excess of $100,000.

(iv) In a criminal, civil, or administrative proceeding, a disposition of the matter by consent or compromise with an acknowledgment of fault by the Contractor if the proceeding could have led to any of the outcomes specified in paragraphs (c)(1)(i), (c)(1)(ii), or (c)(1)(iii) of this provision.

(2) If the offeror has been involved in the last five years in any of the occurrences listed in (c)(1) of this provision, whether the offeror has provided the requested information with regard to each occurrence.

(d) The offeror shall post the information in paragraphs (c)(1)(i) through (c)(1)(iv) of this provision in FAPIIS as required through maintaining an active registration in the System for Award Management, which can be accessed via https://www.sam.gov (see 52.204-7).

52.209-11 REPRESENTATION BY CORPORATIONS REGARDING DELINQUENT TAX LIABILITY OR FELONY CONVICTION UNDER ANY FEDERAL LAW (FEB 2016)

(a) As required by sections 744 and 745 of Division E of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L 113-235), and similar provisions, if contained in subsequent appropriations acts, the Government will not enter into a contract with any corporation that--

(1) Has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability, where the awarding agency is aware of the unpaid tax liability, unless an agency has considered suspension or debarment of the corporation and made a determination that suspension or debarment is not necessary to protect the interests of the Government; or

(2) Was convicted of a felony criminal violation under any Federal law within the preceding 24 months, where the awarding agency is aware of the conviction, unless an agency has considered suspension or debarment of the corporation and made a determination that this action is not necessary to protect the interests of the Government.

(b) The Offeror represents that—

(1) It is [ ] is not [ ] a corporation that has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability; and

(2) It is [ ] is not [ ] a corporation that was convicted of a felony criminal violation under a Federal law within the preceding 24 months.

52.209-12 CERTIFICATION REGARDING TAX MATTERS (FEB 2016)

(a) This provision implements section 523 of Division B of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235), and similar provisions, if contained in subsequent appropriations acts.

(b) If the Offeror is proposing a total contract price that will exceed $5,000,000 (including option), the Offeror shall certify that, to the best of its knowledge and belief, it—

(1) Has [ ] filed all Federal tax returns required during the three years preceding the certification;

(2) Has not [ ] been convicted of a criminal offense under the Internal Revenue Code of 1986; and

(3) Has not [ ], more than 90 days prior to certification, been notified of any unpaid Federal tax assessment for which the liability remains unsatisfied, unless the assessment is the subject of an installment agreement or offer in compromise that has been approved by the Internal Revenue Service and is not in default, or the assessment is the subject of a non-frivolous administrative or judicial proceeding.

52.215-06 PLACE OF PERFORMANCE (OCT 1997)

(a) The offeror or respondent, in the performance of any contract resulting from this solicitation, [ ] intends, [ ] does not intend [check applicable block] to use one or more plants or facilities located at a different address from the address of the offeror or respondent as indicated in this proposal or response to request for information.

(b) If the offeror or respondent checks "intends" in paragraph (a) of this provision, it shall insert in the following spaces the required information:

Place of performance (street address, city, state, county, zip code)	Name and Address of Owner and Operator of the Plant or Facility if Other Than Offeror or Respondent
___	

52.222-25 AFFIRMATIVE ACTION COMPLIANCE (APR 1984)

The offeror represents that

(a) It [ ] has developed and has on file, [ ] has not developed and does not have on file, at each establishment, affirmative action programs required by the rules and regulations of the Secretary of Labor (41 CFR 60-1 and 60-2), or

(b) It [ ] has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

52.230-01 COST ACCOUNTING STANDARDS NOTICES AND CERTIFICATION (DEVIATION 2018-O0015) (MAY 2018)

Note: This notice does not apply to small businesses or foreign governments. This notice is in three parts, identified by Roman numerals I through III.

Offerors shall examine each part and provide the requested information in order to determine Cost Accounting Standards (CAS) requirements applicable to any resultant contract.

If the offeror is an educational institution, Part II does not apply unless the contemplated contract will be subject to full or modified CAS coverage pursuant to 48 CFR 9903.201-2(c)(5) or 9903.201-2(c)(6), respectively.

I. DISCLOSURE STATEMENT--COST ACCOUNTING PRACTICES AND CERTIFICATION

(a) Any contract in excess of $2 million resulting from this solicitation will be subject to the requirements of the Cost Accounting Standards Board (48 CFR Chapter 99), except for those contracts which are exempt as specified in 48 CFR 9903.201-1.

(b) Any offeror submitting a proposal which, if accepted, will result in a contract subject to the requirements of 48 CFR Chapter 99 must, as a condition of contracting, submit a Disclosure Statement as required by 48 CFR 9903.202. When required, the Disclosure Statement must be submitted as a part of the offeror's proposal under this solicitation unless the offeror has already submitted a Disclosure Statement disclosing the practices used in connection with the pricing of this proposal. If an applicable Disclosure Statement has already been submitted, the offeror may satisfy the requirement for submission by providing the information requested in paragraph (c) of Part I of this provision.

CAUTION: In the absence of specific regulations or agreement, a practice disclosed in a Disclosure Statement shall not, by virtue of such disclosure, be deemed to be a proper, approved, or agreed-to practice for pricing proposals or accumulating and reporting contract performance cost data.

(c) Check the appropriate box below:

[ ] (1) Certificate of Concurrent Submission of Disclosure Statement.

The offeror hereby certifies that, as a part of the offer, copies of the Disclosure Statement have been submitted as follows: (i) original and one copy to the cognizant Administrative Contracting Officer (ACO) or cognizant Federal agency official authorized to act in that capacity (Federal official), as applicable, and (ii) one copy to the cognizant Federal auditor.

(Disclosure must be on Form No. CASB DS-1 or CASB DS-2, as applicable. Forms may be obtained from the cognizant ACO or Federal official and/or from the loose-leaf version of the Federal Acquisition Regulation.)

Date of Disclosure Statement: _____
Name and Address of Cognizant ACO or Federal Official Where Filed:
_____

The offeror further certifies that the practices used in estimating costs in pricing this proposal are consistent with the cost accounting practices disclosed in the Disclosure Statement.

[ ] (2) Certificate of Previously Submitted Disclosure Statement.

The offeror hereby certifies that the required Disclosure Statement was filed as follows:

Date of Disclosure Statement: _____ Name and Address of Cognizant ACO or Federal Official Where Filed: _____

The offeror further certifies that the practices used in estimating costs in pricing this proposal are consistent with the cost accounting practices disclosed in the applicable Disclosure Statement.

[ ] (3) Certificate of Monetary Exemption.

The offeror hereby certifies that the offeror, together with all divisions, subsidiaries, and affiliates under common control, did not receive net awards of negotiated prime contracts and subcontracts subject to CAS totaling $50 million or more in the cost accounting period immediately preceding the period in which this proposal was submitted. The offeror further certifies that if such status changes before an award resulting from this proposal, the offeror will advise the Contracting Officer immediately.

[ ] (4) Certificate of Interim Exemption.

The offeror hereby certifies that (i) the offeror first exceeded the monetary exemption for disclosure, as defined in (3) of this subsection, in the cost accounting period immediately preceding the period in which this offer was submitted and (ii) in accordance with 48 CFR 9903.202-1, the offeror is not yet required to submit a Disclosure Statement. The offeror further certifies that if an award resulting from this proposal has not been made within 90 days after the end of that period, the offeror will immediately submit a revised certificate to the Contracting Officer, in the form specified under subparagraph (c)(1) or (c)(2) of Part I of this provision, as appropriate, to verify submission of a completed Disclosure Statement.

CAUTION: Offerors currently required to disclose because they were awarded a CAS-covered prime contract or subcontract of $50 million or more in the current cost accounting period may not claim this exemption (4). Further, the exemption applies only in connection with proposals submitted before expiration of the 90-day period following the cost accounting period in which the monetary exemption was exceeded.

II. COST ACCOUNTING STANDARDS--ELIGIBILITY FOR MODIFIED CONTRACT COVERAGE

If the offeror is eligible to use the modified provisions of 48 CFR 9903.201-2(b) and elects to do so, the offeror shall indicate by checking the box below. Checking the box below shall mean that the resultant contract is subject to the Disclosure and Consistency of Cost Accounting Practices clause in lieu of the Cost Accounting Standards clause.

[ ] The offeror hereby claims an exemption from the Cost Accounting Standards clause under the provisions of 48 CFR 9903.201-2(b) and certifies that the offeror is eligible for use of the Disclosure and Consistency of Cost Accounting Practices clause because during the cost accounting period immediately preceding the period in which this proposal was submitted, the offeror received less than $50 million in awards of CAS-covered prime contracts and subcontracts. The offeror further certifies that if such status changes before an award resulting from this proposal, the offeror will advise the Contracting Officer immediately.

Caution: An offeror may not claim the above eligibility for modified contract coverage if this proposal is expected to result in the award of a CAS-covered contract of $50 million or more or if, during its current cost accounting period, the offeror has been awarded a single CAS-covered prime contract or subcontract of $50 million or more.

III. ADDITIONAL COST ACCOUNTING STANDARDS APPLICABLE TO EXISTING CONTRACTS

The offeror shall indicate below whether award of the contemplated contract would, in accordance with subparagraph (a)(3) of the Cost Accounting Standards clause, require a change in established cost accounting practices affecting existing contracts and subcontracts.

[ ] YES [ ] NO

52.230-01 COST ACCOUNTING STANDARDS NOTICES AND CERTIFICATION (DEVIATION 2018-O0015) (MAY 2018) - ALTERNATE I (MAY 2018)

Note: This notice does not apply to small businesses or foreign governments. This notice is in three parts, identified by Roman numerals I through III.

Offerors shall examine each part and provide the requested information in order to determine Cost Accounting Standards (CAS) requirements applicable to any resultant contract.

If the offeror is an educational institution, Part II does not apply unless the contemplated contract will be subject to full or modified CAS coverage pursuant to 48 CFR 9903.201-2(c)(5) or 9903.201-2(c)(6), respectively.

I. DISCLOSURE STATEMENT--COST ACCOUNTING PRACTICES AND CERTIFICATION

(a) Any contract in excess of $2 million resulting from this solicitation will be subject to the requirements of the Cost Accounting Standards Board (48 CFR Chapter 99), except for those contracts which are exempt as specified in 48 CFR 9903.201-1.

(b) Any offeror submitting a proposal which, if accepted, will result in a contract subject to the requirements of 48 CFR Chapter 99 must, as a condition of contracting, submit a Disclosure Statement as required by 48 CFR 9903.202. When required, the Disclosure Statement must be submitted as a part of the offeror's proposal under this solicitation unless the offeror has already submitted a Disclosure Statement disclosing the practices used in connection with the pricing of this proposal. If an applicable Disclosure Statement has already been submitted, the offeror may satisfy the requirement for submission by providing the information requested in paragraph (c) of Part I of this provision.

CAUTION: In the absence of specific regulations or agreement, a practice disclosed in a Disclosure Statement shall not, by virtue of such disclosure, be deemed to be a proper, approved, or agreed-to practice for pricing proposals or accumulating and reporting contract performance cost data.

(c) Check the appropriate box below:

* (1) Certificate of Concurrent Submission of Disclosure Statement.

The offeror hereby certifies that, as a part of the offer, copies of the Disclosure Statement have been submitted as follows: (i) original and one copy to the cognizant Administrative Contracting Officer (ACO) or cognizant Federal agency official authorized to act in that capacity (Federal official), as applicable, and (ii) one copy to the cognizant Federal auditor.

(Disclosure must be on Form No. CASB DS-1 or CASB DS-2, as applicable. Forms may be obtained from the cognizant ACO or Federal official and/or from the loose-leaf version of the Federal Acquisition Regulation.)

Date of Disclosure Statement: _____
Name and Address of Cognizant ACO or Federal Official Where Filed:
_____

The offeror further certifies that the practices used in estimating costs in pricing this proposal are consistent with the cost accounting practices disclosed in the Disclosure Statement.

* (2) Certificate of Previously Submitted Disclosure Statement.

The offeror hereby certifies that the required Disclosure Statement was filed as follows:

Date of Disclosure Statement: _____ Name and Address of Cognizant ACO or Federal Official Where Filed: _____

The offeror further certifies that the practices used in estimating costs in pricing this proposal are consistent with the cost accounting practices disclosed in the applicable Disclosure Statement.

* (3) Certificate of Monetary Exemption.

The offeror hereby certifies that the offeror, together with all divisions, subsidiaries, and affiliates under common control, did not receive net awards of negotiated prime contracts and subcontracts subject to CAS totaling $50 million or more in the cost accounting period immediately preceding the period in which this proposal was submitted. The offeror further certifies that if such status changes before an award resulting from this proposal, the offeror will advise the Contracting Officer immediately.

* (4) Certificate of Interim Exemption.

The offeror hereby certifies that (i) the offeror first exceeded the monetary exemption for disclosure, as defined in (3) of this subsection, in the cost accounting period immediately preceding the period in which this offer was submitted and (ii) in accordance with 48 CFR 9903.202-1, the offeror is not yet required to submit a Disclosure Statement. The offeror further certifies that if an award resulting from this proposal has not been made within 90 days after the end of that period, the offeror will immediately submit a revised certificate to the Contracting Officer, in the form specified under subparagraph (c)(1) or (c)(2) of Part I of this provision, as appropriate, to verify submission of a completed Disclosure Statement.

* (5) Certificate of Disclosure Statement Due Date by Educational Institution. If the offeror is an educational institution that, under the transition provisions of 48 CFR 9903.202-1(f), is or will be required to submit a Disclosure Statement after receipt of this award, the offeror hereby certifies that (check one and complete):

* (i) A Disclosure Statement Filing Due Date of _____ has been established with the cognizant Federal agency.

* (ii) The Disclosure Statement will be submitted within the 6-month period ending _____ months after receipt of this award.

Name and Address of Cognizant ACO or Federal Official Where Disclosure Statement is to be Filed:
_____ _____

CAUTION: Offerors currently required to disclose because they were awarded a CAS-covered prime contract or subcontract of $50 million or more in the current cost accounting period may not claim this exemption (4). Further, the exemption applies only in connection with proposals submitted before expiration of the 90-day period following the cost accounting period in which the monetary exemption was exceeded.

II. COST ACCOUNTING STANDARDS--ELIGIBILITY FOR MODIFIED CONTRACT COVERAGE

If the offeror is eligible to use the modified provisions of 48 CFR 9903.201-2(b) and elects to do so, the offeror shall indicate by checking the box below. Checking the box below shall mean that the resultant contract is subject to the Disclosure and Consistency of Cost Accounting Practices clause in lieu of the Cost Accounting Standards clause.

* The offeror hereby claims an exemption from the Cost Accounting Standards clause under the provisions of 48 CFR 9903.201-2(b) and certifies that the offeror is eligible for use of the Disclosure and Consistency of Cost Accounting Practices clause because during the cost accounting period immediately preceding the period in which this proposal was submitted, the offeror received less than $25 million in awards of CAS-covered prime contracts and subcontracts, or the offeror did not receive a single CAS-covered award exceeding $1 million. The offeror further certifies that if such status changes before an award resulting from this proposal, the offeror will advise the Contracting Officer immediately.

CAUTION: An offeror may not claim the above eligibility for modified contract coverage if this proposal is expected to result in the award of a CAS-covered contract of $50 million or more or if, during its current cost accounting period, the offeror has been awarded a single CAS-covered prime contract or subcontract of $50 million or more.

III. ADDITIONAL COST ACCOUNTING STANDARDS APPLICABLE TO EXISTING CONTRACTS

The offeror shall indicate below whether award of the contemplated contract would, in accordance with subparagraph (a)(3) of the Cost Accounting Standards clause, require a change in established cost accounting practices affecting existing contracts and subcontracts.

[ ] YES [ ] NO

52.230-07 PROPOSAL DISCLOSURE - COST ACCOUNTING PRACTICE CHANGES (APR 2005)

The offeror shall check "yes" below if the contract award will result in a required or unilateral change in cost accounting practice, including unilateral changes requested to be desirable changes.

[ ] Yes [ ] No

If the offeror checked "Yes" above, the offeror shall--

(1) Prepare the price proposal in response to the solicitation using the changed practice for the period of performance for which the practice will be used; and

(2) Submit a description of the changed cost accounting practice to the Contracting Officer and the Cognizant Federal Agency Official as pricing support for the proposal.

DEFENSE FAR SUPP SOLICITATION PROVISIONS IN FULL TEXT

252.203-7005 REPRESENTATION RELATING TO COMPENSATION OF FORMER DOD OFFICIALS (NOV 2011)

(a) Definition. “Covered DoD official” is defined in the clause at 252.203-7000, Requirements Relating to Compensation of Former DoD Officials.

(b) By submission of this offer, the offeror represents, to the best of its knowledge and belief, that all covered DoD officials employed by or otherwise receiving compensation from the offeror, and who are expected to undertake activities on behalf of the offeror for any resulting contract, are presently in compliance with all post-employment restrictions covered by 18 U.S.C. 207, 41 U.S.C. 2101-2107, and 5 CFR parts 2637 and 2641, including Federal Acquisition Regulation 3.104-2.

252.204-7007 ALTERNATE A, ANNUAL REPRESENTATIONS AND CERTIFICATIONS (APR 2019)

Substitute the following paragraphs (d) and (e) for paragraph (d) of the provision at FAR 52.204-8:

(d)(1) The following representations or certifications in the System for Award Management (SAM) database are applicable to this solicitation as indicated:

(i) 252.209-7003, Reserve Officer Training Corps and Military Recruiting on Campus—Representation. Applies to all solicitations with institutions of higher education.

(ii) 252.216-7008, Economic Price Adjustment—Wage Rates or Material Prices Controlled by a Foreign Government. Applies to solicitations for fixed-price supply and service contracts when the contract is to be performed wholly or in part in a foreign country, and a foreign government controls wage rates or material prices and may during contract performance impose a mandatory change in wages or prices of materials.

(iii) 252.225-7042, Authorization to Perform. Applies to all solicitations when performance will be wholly or in part in a foreign country.

(iv) 252.225-7049, Prohibition on Acquisition of Certain Foreign Commercial Satellite Services—Representations. Applies to solicitations for the acquisition of commercial satellite services.

(v) 252.225-7050, Disclosure of Ownership or Control by the Government of a Country that is a State Sponsor of Terrorism. Applies to all solicitations expected to result in contracts of $150,000 or more.

(vi) 252.229-7012, Tax Exemptions (Italy)—Representation. Applies to solicitations and contracts when contract performance will be in Italy.

(vii) 252.229-7013, Tax Exemptions (Spain)—Representation. Applies to solicitations and contracts when contract performance will be in Spain.

(viii) 252.247-7022, Representation of Extent of Transportation by Sea. Applies to all solicitations except those for direct purchase of ocean transportation services or those with an anticipated value at or below the simplified acquisition threshold.

(2) The following representations or certifications in SAM are applicable to this solicitation as indicated by the Contracting Officer (Contracting Officer check as appropriate.]

_____ (select or state n/a) ---- (i) 252.209-7002, Disclosure of Ownership or Control by a Foreign Government.

_____ (select or state n/a) ---- (ii) 252.225-7000, Buy American---Balance of Payments Program Certificate.

_____ (select or state n/a) ---- (iii) 252.225-7020, Trade Agreements Certificate.

_____ (select or state n/a) ---- Use with Alternate I.

_____ (select or state n/a) ---- (iv) 252.225-7031, Secondary Arab Boycott of Israel.

_____ (select or state n/a) ---- (v) 252.225-7035, Buy American---Free Trade Agreements—Balance of Payments Program Certificate.

_____ (select or state n/a) ---- Use with Alternate I.

_____ (select or state n/a) ---- Use with Alternate II.

_____ (select or state n/a) ---- Use with Alternate III.

_____ (select or state n/a) ---- Use with Alternate IV.

_____ (select or state n/a) ---- Use with Alternate V.

(e) The offeror has completed the annual representations and certifications electronically via the SAM website at https://www.acquisition.gov/. After reviewing the SAM database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in FAR 52.204-8(c) and paragraph (d) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer, and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [offeror to insert changes, identifying change by provision number, title, date]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR/DFARS Provision #	Title	Date	Change

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications located in the SAM database.

252.204-7013 LIMITATIONS ON THE USE OR DISCLOSURE OF INFORMATION BY LITIGATION SUPPORT SOLICITATION OFFERORS (MAY 2016)

(a) Definitions. As used in this provision—

“Computer software” means computer programs, source code, source code listings, object code listings, design details, algorithms, processes, flow charts, formulae, and related material that would enable the software to be reproduced, recreated, or recompiled. Computer software does not include computer data bases or computer software documentation.

“Litigation information” means any information, including sensitive information, that is furnished to the contractor by or on behalf of the Government, or that is generated or obtained by the contractor in the performance of litigation support under a contract. The term does not include information that is lawfully, publicly available without restriction, including information contained in a publicly available solicitation.

"Litigation support" means administrative, technical, or professional services provided in support of the Government during or in anticipation of litigation.

"Sensitive information" means controlled unclassified information of a commercial, financial, proprietary, or privileged nature. The term includes technical data and computer software, but does not include information that is lawfully, publicly available without restriction.

"Technical data" means recorded information, regardless of the form or method of the recording, of a scientific or technical nature (including computer software documentation). The term does not include computer software or data incidental to contract administration, such as financial and/or management information.

(b) Limitations on use or disclosure of litigation information. Notwithstanding any other provision of this solicitation, by submission of its offer, the Offeror agrees and acknowledges that—

(1) All litigation information will be accessed and used for the sole purpose of providing litigation support;

(2) The Offeror will take all precautions necessary to prevent unauthorized disclosure of litigation information;

(3) The litigation information shall not be used by the Offeror to compete against a third party for Government or nongovernment contracts; and

(4) Upon completion of the authorized litigation support activities, the Offeror will destroy or return to the Government at the request of the Contracting Officer all litigation information in its possession.

(c) Indemnification and creation of third party beneficiary rights. By submission of its offer, the Offeror agrees—

(1) To indemnify and hold harmless the Government, its agents, and employees from any claim or liability, including attorneys' fees, court costs, and expenses, arising out of, or in any way related to, the misuse or unauthorized modification, reproduction, release, performance, display, or disclosure of any litigation information; and

(2) That any third party holding proprietary rights or any other legally protectable interest in any litigation information, in addition to any other rights it may have, is a third party beneficiary who shall have a right of direct action against the Offeror, and against any person to whom the Offeror has released or disclosed such litigation information, for any such unauthorized use or disclosure of such information.

(d) Offeror employees. By submission of its offer, the Offeror agrees to ensure that its employees are subject to use and nondisclosure obligations consistent with this provision prior to the employees being provided access to or use of any litigation information covered by this provision.

252.209-7002 DISCLOSURE OF OWNERSHIP OR CONTROL BY A FOREIGN GOVERNMENT (JUN 2010)

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

(1) "Effectively owned or controlled" means that a foreign government or any entity controlled by a foreign government has the power, either directly or indirectly, whether exercised or exercisable, to control the election, appointment, or tenure of the Offeror's officers or a majority of the Offeror's board of directors by any means, e.g., ownership, contract, or operation of law (or equivalent power for unincorporated organizations).

(2) "Entity controlled by a foreign government"--

(i) Means--

(A) Any domestic or foreign organization or corporation that is effectively owned or controlled by a foreign government; or

(B) Any individual acting on behalf of a foreign government.

(ii) Does not include an organization or corporation that is owned, but is not controlled, either directly or indirectly, by a foreign government if the ownership of that organization or corporation by that foreign government was effective before October 23, 1992.

(3) "Foreign government" includes the state and the government of any country (other than the United States and its outlying areas) as well as any political subdivision, agency, or instrumentality thereof.

(4) "Proscribed information" means--

(i) Top Secret information;

(ii) Communications Security (COMSEC) material, excluding controlled cryptographic items when unkeyed or utilized with unclassified keys;

(iii) Restricted Data as defined in the U.S. Atomic Energy Act of 1954, as amended;

(iv) Special Access Program (SAP) information; or

(v) Sensitive Compartmented Information (SCI).

(b) Prohibition on award. No contract under a national security program may be awarded to an entity controlled by a foreign government if that entity requires access to proscribed information to perform the contract, unless the Secretary of Defense or a designee has waived application of 10 U.S.C. 2536(a).

(c) Disclosure. The Offeror shall disclose any interest a foreign government has in the Offeror when that interest constitutes control by a foreign government as defined in this provision. If the Offeror is a subsidiary, it shall also disclose any reportable interest a foreign government has in any entity that owns or controls the subsidiary, including reportable interest concerning the Offeror's immediate parent, intermediate parents, and the ultimate parent. Use separate paper as needed, and provide the information in the following format:

Offeror's Point of Contact for Questions about Disclosure
(Name and Phone Number with Country Code, City Code
and Area Code, as applicable)

Name and Address of Offeror

Name and Address of Entity Controlled by a Foreign Government	Description of Interest, Ownership Percentage, and Identification of Foreign Government

252.209-7003 RESERVE OFFICER TRAINING CORPS AND MILITARY RECRUITING ON CAMPUS--REPRESENTATION (MAR 2012)

(a) Definition. "Institution of higher education," as used in this provision, is defined in the clause at 252.209-7005, Reserve officer Training Corps and Military Recruiting on Campus.

(b) Limitation on contract award. Except as provided in paragraph (c) of this provision, an institution of higher education is ineligible for contract award if the Secretary of Defense determines that the institution has a current policy or practice (regardless of when implemented) that prohibits or in effect prevents—

(1) The Secretary of a military department from maintaining, establishing, or operating a unit of the Senior Reserve Officer Training Corps (ROTC) (in accordance with 10 U.S.C. 654 and other applicable Federal laws) at that institution;

(2) A student at that institution from enrolling in a unit of the Senior ROTC at another institution of higher education;

(3) The Secretary of a military department or the Secretary of Transportation from gaining entry to campuses, or access to students (who are 17 years of age or older) on campuses, for purposes of military recruiting; or

(4) Military recruiters from accessing, for purposes of military recruiting, the following information pertaining to students (who are 17 years of age or older) enrolled at that institution:

(i) Name.

(ii) Address.

(iii) Telephone number.

(iv) Date and place of birth.

(v) Educational level.

(vi) Academic major.

(vii) Degrees received.

(viii) Most recent educational institution enrollment.

(c) Exception. The limitation in paragraph (b) of this provision does not apply to an institution of higher education if the Secretary of Defense determines that the institution has a long-standing policy of pacifism based on historical religious affiliation.

(d) Representation. By submission of its offer, the offeror represents that the institution does not have any policy or practice described in paragraph (b) of this clause, unless the Secretary of Defense has determined that the institution has a long-standing policy of pacifism based on historical religious affiliation.

252.225-7050 DISCLOSURE OF OWNERSHIP OR CONTROL BY THE GOVERNMENT OF A COUNTRY THAT IS A STATE SPONSOR OF TERRORISM (DEC 2018)

(a) Definitions. As used in this provision—

"Government of a country that is a state sponsor of terrorism" includes the state and the government of a country that is a state sponsor of terrorism, as well as any political subdivision, agency, or instrumentality thereof.

"Significant interest" means—

(i) Ownership of or beneficial interest in 5 percent or more of the firm's or subsidiary's securities. Beneficial interest includes holding 5 percent or more of any class of the firm's securities in "nominee shares," "street names," or some other method of holding securities that does not disclose the beneficial owner;

(ii) Holding a management position in the firm, such as a director or officer;

(iii) Ability to control or influence the election, appointment, or tenure of directors or officers in the firm;

(iv) Ownership of 10 percent or more of the assets of a firm such as equipment, buildings, real estate, or other tangible assets of the firm; or

(v) Holding 50 percent or more of the indebtedness of a firm.

"State sponsor of terrorism" means a country determined by the Secretary of State, under section 1754(c)(1)(A)(i) of the Export Control Reform Act of 2018 (Title XVII, Subtitle B, of the National Defense Authorization Act for Fiscal Year 2019, Pub. L. 115-232), to be a country the government of which has repeatedly provided support for acts of international terrorism. As of the date of this provision, state sponsors of terrorism include: Iran, North Korea, Sudan, and Syria.

(b) Prohibition on award. In accordance with 10 U.S.C. 2327, unless a waiver is granted by the Secretary of Defense, no contract may be awarded to a firm if the government of a country that is a state sponsor of terrorism owns or controls a significant interest in—

(1) The firm;

(2) A subsidiary of the firm; or

(3) Any other firm that owns or controls the firm.

(c) Representation. Unless the Offeror submits with its offer the disclosure required in paragraph (d) of this provision, the Offeror represents, by submission of its offer, that the government of a country that is a state sponsor of terrorism does not own or control a significant interest in—

(1) The Offeror;

(2) A subsidiary of the Offeror; or

(3) Any other firm that owns or controls the Offeror.

(d) Disclosure.

(1) The Offeror shall disclose in an attachment to its offer if the government of a country that is a state sponsor of terrorism owns or controls a significant interest in the Offeror; a subsidiary of the Offeror; or any other firm that owns or controls the Offeror.

(2) The disclosure shall include—

(i) Identification of each government holding a significant interest; and

(ii) A description of the significant interest held by each government.

252.227-7017 IDENTIFICATION AND ASSERTION OF USE, RELEASE, OR DISCLOSURE RESTRICTIONS (JAN 2011)

(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 Innovation Research Program, the Rights in Noncommercial Technical Data and Computer Software--Small Business Innovation 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 Innovation Research Program, the Rights in Noncommercial Technical Data and Computer Software--Small Business Innovation Research (SBIR) Program clause.

(b) The identification and assertion requirements in this provision apply only to technical data, including computer software documentation, or computer software to be delivered with other than unlimited rights. For contracts to be awarded under the Small Business Innovation Research Program, the notification and identification 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 With Restrictions*	Basis for Assertion**	Asserted Rights Category***	Name of Person Asserting Restrictions****

*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 item, 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.

252.239-7009 REPRESENTATION OF USE OF CLOUD COMPUTING (SEP 2015)

(a) Definition. “Cloud computing,” as used in this provision, means a model for enabling ubiquitous, convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications, and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction. This includes other commercial terms, such as on-demand self-service, broad network access, resource pooling, rapid elasticity, and measured service. It also includes commercial offerings for software-as-a-service, infrastructure-as-a-service, and platform-as-a-service.

(b) The Offeror shall indicate by checking the appropriate blank in paragraph (b) of this provision whether the use of cloud computing is anticipated under the resultant contract.

(c) Representation. The Offeror represents that it—

_____ Does anticipate that cloud computing services will be used in the performance of any contract or subcontract resulting from this solicitation.

_____ Does not anticipate that cloud computing services will be used in the performance of any contract or subcontract resulting from this solicitation.

OTHER SOLICITATION PROVISIONS IN FULL TEXT

52.204-24 REPRESENTATION REGARDING CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT. (AUG 2019)

As prescribed in 4.2105(a), insert the following provision:

Representation Regarding Certain Telecommunications and Video Surveillance Services or Equipment (AUG 2019)

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

Covered telecommunications equipment or services, Critical technology, and Substantial or essential component have the meanings provided in clause 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

(b) Prohibition. Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. Contractors are not prohibited from providing--

(1) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

(2) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(c) Representation. The Offeror represents that--

It [ ] will, [ ] will not provide covered telecommunications equipment or services to the Government in the performance of any contract, subcontract or other contractual instrument resulting from this solicitation.

(d) Disclosures. If the Offeror has responded affirmatively to the representation in paragraph (c) of this provision, the Offeror shall provide the following information as part of the offer--

(1) All covered telecommunications equipment and services offered (include brand; model number, such as original equipment manufacturer (OEM) number, manufacturer part number, or wholesaler number; and item description, as applicable);

(2) Explanation of the proposed use of covered telecommunications equipment and services and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b) of this provision;

(3) For services, the entity providing the covered telecommunications services (include entity name, unique entity identifier, and Commercial and Government Entity (CAGE) code, if known); and

(4) For equipment, the entity that produced the covered telecommunications equipment (include entity name, unique entity identifier, CAGE code, and whether the entity was the OEM or a distributor, if known).

I. NOTICE: The following solicitation provisions pertinent to this section are hereby incorporated by reference:

A. FEDERAL ACQUISITION REGULATION SOLICITATION PROVISIONS

52.203-18	PROHIBITION ON CONTRACTING WITH ENTITIES THAT REQUIRE CERTAIN ITERNAL CONFIDENTIALITY AGREEMENTS OR STATEMENTS - REPRESENTATION (JAN 2017)
52.204-07	SYSTEM FOR AWARD MANAGEMENT (OCT 2018)
52.211-14	NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE, EMERGENCY PREPAREDNESS, AND ENERGY PROGRAM USE (APR 2008) Contracting Officer indicates DX or DO Rated Order: '?????'
52.215-01	INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (JAN 2017) - ALTERNATE I (OCT 1997)
52.215-16	FACILITIES CAPITAL COST OF MONEY (JUN 2003)
52.215-22	LIMITATIONS ON PASS-THROUGH CHARGES--IDENTIFICATION OF SUBCONTRACT EFFORT (OCT 2009)
52.216-01	TYPE OF CONTRACT (APR 1984) Type of contract is '?????'
52.222-24	PREAWARD ON-SITE EQUAL OPPORTUNITY COMPLIANCE EVALUATION (FEB 1999)
52.232-38	SUBMISSION OF ELECTRONIC FUNDS TRANSFER INFORMATION WITH OFFER (JUL 2013)
52.233-02	SERVICE OF PROTEST (SEP 2006) Para (a) Official or location is '?????'

B. DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT SOLICITATION PROVISIONS

252.215-7009	PROPOSAL ADEQUACY CHECKLIST (JAN 2014)
252.215-7010	REQUIREMENTS FOR CERTIFIED COST OR PRICING DATA AND DATA OTHER THAN CERTIFIED COST OR PRICING DATA (JAN 2018)
252.215-7013	SUPPLIES AND SERVICES PROVIDED BY NONTRADITIONAL DEFENSE CONTRACTORS (JAN 2018)
252.239-7017	NOTICE OF SUPPLY CHAIN RISK (DEVIATION 2018-O0020) (SEP 2018)

II. NOTICE: The following solicitation provisions pertinent to this section are hereby incorporated in full text:

FEDERAL ACQUISITION REGULATION SOLICITATION PROVISIONS IN FULL TEXT

52.209-13 VIOLATION OF ARMS CONTROL TREATIES OR AGREEMENTS-CERTIFICATION (JUN 2018)

(a) This provision does not apply to acquisitions below the simplified acquisition threshold or to acquisitions of commercial items as defined at FAR 2.101.

(b) Certification. [Offeror shall check either (1) or (2).]

_____(1) The Offeror certifies that-

(i) It does not engage and has not engaged in any activity that contributed to or was a significant factor in the President's or Secretary of State's determination that a foreign country is in

violation of its obligations undertaken in any arms control, nonproliferation, or disarmament agreement to which the United States is a party, or is not adhering to its arms control, nonproliferation, or disarmament commitments in which the United States is a participating state. The determinations are described in the most recent unclassified annual report provided to Congress pursuant to section 403 of the Arms Control and Disarmament Act (22 U.S.C. 2593a). The report is available via the internet at https://www.state.gov/t/avc/rls/rpt/; and

(ii) No entity owned or controlled by the Offeror has engaged in any activity that contributed to or was a significant factor in the President's or Secretary of State's determination that a foreign country is in violation of its obligations undertaken in any arms control, nonproliferation, or disarmament agreement to which the United States is a party, or is not adhering to its arms control, nonproliferation, or disarmament commitments in which the United States is a participating state. The determinations are described in the most recent unclassified annual report provided to Congress pursuant to section 403 of the Arms Control and Disarmament Act (22 U.S.C. 2593a). The report is available via the internet at https://www.state.gov/t/avc/rls/rpt/; or

_____(2) The Offeror is providing separate information with its offer in accordance with paragraph (d)(2) of this provision.

(c) Procedures for reviewing the annual unclassified report (see paragraph (b)(1) of this provision). For clarity, references to the report in this section refer to the entirety of the annual unclassified report, including any separate reports that are incorporated by reference into the annual unclassified report.

(1) Check the table of contents of the annual unclassified report and the country section headings of the reports incorporated by reference to identify the foreign countries listed there. Determine whether the Offeror or any person owned or controlled by the Offeror may have engaged in any activity related to one or more of such foreign countries.

(2) If there may have been such activity, review all findings in the report associated with those foreign countries to determine whether or not each such foreign country was determined to be in violation of its obligations undertaken in an arms control, nonproliferation, or disarmament agreement to which the United States is a party, or to be not adhering to its arms control, nonproliferation, or disarmament commitments in which the United States is a participating state. For clarity, in the annual report an explicit certification of non-compliance is equivalent to a determination of violation. However, the following statements in the annual report are not equivalent to a determination of violation:

(i) An inability to certify compliance.

(ii) An inability to conclude compliance.

(iii) A statement about compliance concerns.

(3) If so, determine whether the Offeror or any person owned or controlled by the Offeror has engaged in any activity that contributed to or is a significant factor in the determination in the report that one or more of these foreign countries is in violation of its obligations undertaken in an arms control, nonproliferation, or disarmament agreement to which the United States is a party, or is not adhering to its arms control, nonproliferation, or disarmament commitments in which the United States is a participating state. Review the narrative for any such findings reflecting a determination of violation or non-adherence related to those foreign countries in the report, including the finding itself, and to the extent necessary, the conduct giving rise to the compliance or adherence concerns, the analysis of compliance or adherence concerns, and efforts to resolve compliance or adherence concerns.

(4) The Offeror may submit any questions with regard to this report by email to NDAA1290Cert@state.gov. To the extent feasible, the Department of State will respond to such email inquiries within 3 business days.

(d) Do not submit an offer unless-

(1) A certification is provided in paragraph (b)(1) of this provision and submitted with the offer; or

(2) In accordance with paragraph (b)(2) of this provision, the Offeror provides with its offer information that the President of the United States has-

(i) Waived application under U.S.C. 2593e(d) or (e); or

(ii) Determined under 22 U.S.C. 2593e(g)(2) that the entity has ceased all activities for which measures were imposed under 22 U.S.C.2593e(b).

(e) Remedies. The certification in paragraph (b)(1) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly submitted a false certification, in addition to other remedies available to the Government, such as suspension or debarment, the Contracting Officer may terminate any contract resulting from the false certification.

52.211-02 AVAILABILITY OF SPECIFICATIONS, STANDARDS, AND DATA ITEM DESCRIPTIONS LISTED IN THE ACQUISITION STREAMLINING AND STANDARDIZATION INFORMATION SYSTEM (ASSIST) (APR 2014)

(a) Most unclassified Defense specifications and standards may be downloaded from the following ASSIST websites:

(1) ASSIST (https://assist.dla.mil/online/start/);

(2) Quick Search (http://quicksearch.dla.mil/);

(3) ASSISTdocs.com (http://assistdocs.com/).

(b) Documents not available from ASSIST may be ordered from the Department of Defense Single Stock Point (DoDSSP) by—

(1) Using the ASSIST Shopping Wizard (http://assist.dla.mil/wizard/index.cfm);

(2) Phoning the DoDSSP Customer Service Desk (215) 697-2197, Mon-Fri, 0730 to 1600 EST; or

(3) Ordering from DoDSSP, Building 4, Section D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2667/2179, Facsimile (215) 697-1462.

52.252-01 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions 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. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es): http://farsite.hill.af.mil/

52.252-05 AUTHORIZED DEVIATIONS IN PROVISIONS (APR 1984)

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

(b) The use in this solicitation of any Defense Federal Acquisition Regulation Supplement (48 CFR Chapter 2) provision with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

OTHER SOLICITATION PROVISIONS IN FULL TEXT

L011 APPLICABLE CLAUSES (APR 2013)

The appropriate clauses to be included in the contract will be determined based on Offeror's response to the Section K representations.

(a) Patent Rights. If the Offeror is a small business firm or nonprofit organization, then FAR 52.227-11, PATENT RIGHTS -- OWNERSHIP BY THE CONTRACTOR, and DFARS 252.227-7039, PATENTS - REPORTING OF SUBJECT INVENTIONS will be used in Section I. Otherwise, DFARS 252.227-7038, PATENT RIGHTS - OWNERSHIP BY THE CONTRACTOR (LARGE BUSINESS), will be included in Section I consistent with FAR Part 27.

(b) Cost Accounting Standards. Section I of this solicitation may contain the three Cost Accounting Standards clauses at FAR 52.230-3, 52.230-4, 52.230-5, and/or 52.230-6. The resultant contract will contain only those clauses required based on the Offeror's response to the Section K certification titled Cost Accounting Standards Notices and Certification (National Defense).

(c) State of New Mexico. Section I of this solicitation may contain the clause at FAR 52.229-10, STATE OF NEW MEXICO GROSS RECEIPTS AND COMPENSATING TAX. The resultant contract will contain this clause only if performance is in whole or in part within the State of New Mexico and the contract directs or authorizes the contractor to acquire property as a direct cost under the contract.

(d) Educational institutions and nonprofit organizations. If a cost-reimbursement type contract is contemplated and the offeror is an educational institution, paragraph (a) of the clause at FAR 52.216-7, Allowable Cost and Payment shall be altered in the resultant contract to refer to FAR Subpart 31.3 for determining allowable costs. Similarly, if the offeror is a nonprofit organization (other than an educational institution, a State or local government, or a nonprofit organization exempted under OMB Circular No. A-122), paragraph (a) of the clause at FAR 52.216-7 shall be altered to refer to FAR Subpart 31.7. In addition, if the offeror is an educational institution, DFARS 252.209-7005, MILITARY RECRUITING ON CAMPUS, will be added to Section I of the resultant contract.

(e) Subcontracting Plan. DFARS 219.708 was amended to require the use of clause 252.219-7004, Small Business Subcontracting Plan (Test Program), instead of 252.219-7003, Small Business Subcontracting Plan (DoD Contracts), and FAR 52.219-9, Small Business Subcontracting Plan, in prime contracts with contractors that have comprehensive subcontracting plans approved under the test program described in DFARS 219.702. Also, include in the prime contract, solely for the purpose of flowing the clauses down to subcontractors, FAR clause 52.219-9, Small Business Subcontracting Plan, and 252.219-7003, or when contract will not be reported in FPDS, FAR clause 52.219-9, Small Business Subcontracting Plan with its Alternate III and 252.219-7003 Small Business Subcontracting Plan (DoD Contracts) with its Alternate I.

L021 SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS (OCT 2005)

FAR 52.219-9 AND DFARS 252.219-7003 are included in this solicitation and will be incorporated into any resultant contract. A subcontracting plan is required from all offerors other than small business

concerns for proposals exceeding $500,000 which contain subcontracting opportunities. The plan shall be submitted with the initial proposal and will be concurrently negotiated. If a cost proposal is required by this solicitation, it must relate to, and substantiate, the submissions under FAR 52.219-9(d). Also substantiate the reasonableness of any additional costs to be expended in pursuit of the small disadvantaged business goal. The offeror's submission must provide sufficient information to support the contracting officer's review of the subcontracting plan to determine: (a) if it is acceptable (otherwise an offeror will be ineligible to receive the contract award); and (b) if at the time of contract completion any small disadvantaged business subcontracting incentive or award fee has been earned. Contractors who have been selected for participation in the DoD test program authorized by Section 834 of Public Law 101-189 and who have approved comprehensive subcontracting plans are not required to negotiate subcontracting plans on an individual contract basis. If the offeror has an approved comprehensive subcontracting plan under the DoD test program, the offeror shall provide a copy of its approved comprehensive subcontracting plan in lieu of the individual plan required herein. Any contract resulting from this solicitation which includes a comprehensive subcontracting plan will include the clause at 252.219-7004, Small Business and Small Disadvantaged Business Subcontracting Plan (Test Program), in lieu of the clauses at FAR 52.219-9, and DFARS 252.219-7003.

L029 DETERMINATION OF COMPETITIVE RANGE (FEB 1997)

(a) Pursuant to FAR 15.306, the Contracting Officer's determination of competitive range of proposals submitted as a result of this solicitation will consider such criteria as technical evaluation/ranking of the proposal, initial cost/ price proposed, and other items set forth in Section M of this solicitation. See the Section M paragraph entitled "Evaluation Criteria," for a definitive listing of these criteria and their relative importance.

(b) Offerors are hereby advised that only those proposals determined to have a reasonable chance for award of a contract will be included in the competitive range. While every effort will be made to maintain strong competition, the Contracting Officer will also look to eliminate time consuming and unnecessary discussions with those offerors whose proposals have no reasonable chance for award. This procedure is considered beneficial to both the Air Force and the offerors involved since, in addition to saving further expenditure of resources, acquisition lead time should be reduced.

(c) Accordingly, offerors should submit initial proposals on their most favorable terms, from both a technical and cost/price standpoint. Again, it should be noted that proposals will not be included in the competitive range solely on the basis of technical acceptability, nor will they be included due to cost/price considerations alone.

(d) Offerors whose proposals are not included in the competitive range will be notified as soon as practicable. Additional information relative to such proposals will be provided through debriefing of unsuccessful offerors.

L035 INSTRUCTIONS FOR RECOMMENDED SUMMARY FORMAT (JUL 2005)

(a) Attachment # _____ (insert attachment number) is a recommended summary format for cost and pricing data submitted. Contractor format may be used for the summary if it includes all the listed information contained on the recommended summary format. All additional supporting schedules may be in contractor format and must track back to the overall program summary.

(b) The supporting schedules shall include summary level estimating rationale used to generate the proposed costs. Information such as historical cost information, judgment, analogy to other similar efforts, etc. are generally accepted methods of projecting labor expenditures. Purchase order history, catalog prices, vendor quotations, firm negotiated values, engineering estimates, etc. are generally accepted methods of projecting material requirements. An index shall be included referencing all cost or pricing data and other information identified in the proposal.

(c) DIRECT COSTS: For direct inputs such as labor hours, material dollars, non-factored travel costs, computer usage, etc. provide supporting documentation, by Government fiscal year, (Oct 1 through 30 Sep) such as:

Labor Hours by Category of Labor (by year)
Labor/Overhead Rates by Category (by year)
Overhead/Factor Base Identification
Breakout of Travel Computations
Kinds, Types, and Detailed Pricing of Materials
Amount and Kind of Computer Usage and How Costs Derived

Direct labor hours, with their applicable rates, must be broken out by Government fiscal year and the bases used clearly identified. For material costs, identify what will be purchased and the basis for the estimated cost, e.g. vendor quote, engineering estimate, etc.

(d) LABOR AND OVERHEAD RATES: The source of labor and overhead rates and all pricing factors should be identified. For instance, if a Forward Pricing Rate Agreement (FPRA) is in existence, that should be noted. If the rates are based on current experience in your organization, provide the history base used and clearly identify all escalation, by year, applied to derive the proposed rates. If computer usage is determined by a rate, identify the base used and rationale used to derive the rate.

(e) SUBCONTRACTOR COSTS: Provide your review and cost/price analysis of all subcontractor proposals over $1,000,000 or over $500,000 and 10% of your proposed cost, as required by FAR 15.404-3(c). A SF1411 may be used for subcontractor proposals over $500,000. Submit all subcontractor proposals and analyses with your cost proposal. If the subcontractor will not submit cost and pricing data to the offeror, this information must be submitted directly to the Government for analysis. On all subcontracts and interdivisional transfers, provide the method of selection used to determine the subcontractor and the proposed contract type of each subcontract. An explanation shall be provided if the offeror proposes a different amount than that quoted by the subcontractor.

(f) SPECIAL TOOLING OR TEST EQUIPMENT: When special tooling, and/or test equipment is proposed, attach a brief description of said items and indicate if they are solely for the performance of this particular contract or project and if they are or are not already available in the offeror's existing facilities. Indicate quantities, unit prices, whether items are to be purchased or fabricated, whether items are of a severable nature and the basis of the price. These items may be included under Direct Material in the summary format.

(g) CONSULTANTS: When consultants are proposed to be used in the performance of the contract, indicate the specific project or area in which such services are to be used. Identify each consultant, number of hours or days to be used and the consultant's rate per hour or day. State the basis of said rate and give your analysis of the acceptability of the consultant's rate.

(h) FACILITIES CAPITAL COST OF MONEY: If Facilities Capital Cost of Money is claimed, a properly executed DD Form 1861 is required in support of the dollars proposed.

L037 DD FORM 1423 (FEB 1997)

(a) All technical data and identified administrative reports contractually required shall be supplied in accordance with attached CDRL or DD Form 1423.

(b) The offeror may propose alternative offers which recommend substitutions or eliminations of the stated requirements. Substantiate each recommendation and describe the projected savings that would result by accepting the alternative offer.

L045 ACCESS TO AIR FORCE COMPUTER SYSTEMS (FEB 2011)

If performance under this contract will require access to Air Force computer systems (stand alone or networked), compliance with Air Force Instruction (AFI) 33-119 and Air Force Instruction (AFI) 33-200 is mandatory. It should be noted that such access requires, at a minimum, a National Agency Check or Entrance National Agency Check in accordance with DoD 5200.2-R, Personal Security Program. Offerors should make themselves familiar with local procedures for processing such requirements, and be prepared to be in compliance on the first day of contract performance. Failure to comply with this requirement may be considered a failure to perform.

NO CLAUSES OR PROVISIONS IN THIS SECTION