

|  |  |  |  |   |  |  |  |                              |  |            |  |
|--|--|--|--|---|--|--|--|------------------------------|--|------------|--|
| SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS<br>OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30  |  |  |  |   |  | 1. REQUISITION NUMBER  |  | PAGE OF                      |  |            |  |
| 2. CONTRACT NO.  |  | 3. AWARD/EFFECTIVE DATE                                    |  | 4. ORDER NUMBER   |  | 5. SOLICITATION NUMBER   |  | 6. SOLICITATION ISSUE DATE   |  |            |  |
| 7. FOR SOLICITATION INFORMATION CALL:  |  | a. NAME  |  |   |  | b. TELEPHONE NUMBER (No collect calls)   |  | 8. OFFER DUE DATE/LOCAL TIME |  |            |  |
| 9. ISSUED BY   |  | CODE   |  |   |  | 10. THIS ACQUISITION IS <input type="checkbox"/> UNRESTRICTED OR <input type="checkbox"/> SET ASIDE: _____ % FOR:<br><input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM NAICS:<br><input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> EDWOSB<br><input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS <input type="checkbox"/> 8 (A)<br>SIZE STANDARD: |  |                              |  |            |  |
| 11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED<br><input type="checkbox"/> SEE SCHEDULE   |  | 12. DISCOUNT TERMS   |  | 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700) |  | 13b. RATING  |  |                              |  |            |  |
|  |  |  |  |   |  | 14. METHOD OF SOLICITATION<br><input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input type="checkbox"/> RFP   |  |                              |  |            |  |
| 15. DELIVER TO   |  | CODE   |  |   |  | 16. ADMINISTERED BY CODE   |  |                              |  |            |  |
|  |  |  |  |   |  |  |  |                              |  |            |  |
| 17a. CONTRACTOR/OFFEROR.   |  | CODE   |  | FACILITY CODE   |  | 18a. PAYMENT WILL BE MADE BY CODE  |  |                              |  |            |  |
|  |  |  |  |   |  |  |  |                              |  |            |  |
| TELEPHONE NO.  |  |  |  |   |  |  |  |                              |  |            |  |
| <input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER   |  |  |  |   |  | 18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM   |  |                              |  |            |  |
|  |  |  |  |   |  |  |  |                              |  |            |  |
| 19. ITEM NO.   |  | 20. SCHEDULE OF SUPPLIES/SERVICES                          |  | 21. QUANTITY  |  | 22. UNIT   |  | 23. UNIT PRICE               |  | 24. AMOUNT |  |
|  |  |  |  |   |  |  |  |                              |  |            |  |
|  |  | (Use Reverse and/or Attach Additional Sheets as Necessary) |  |   |  |  |  |                              |  |            |  |
| 25. ACCOUNTING AND APPROPRIATION DATA  |  |  |  |   |  | 26. TOTAL AWARD AMOUNT (For Govt. Use Only)  |  |                              |  |            |  |
| <input type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED  |  |  |  |   |  | <input type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED   |  |                              |  |            |  |
| <input type="checkbox"/> 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED |  |  |  |   |  | <input type="checkbox"/> 29. AWARD OF CONTRACT: REF. _____ OFFER DATE _____. YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:   |  |                              |  |            |  |
| 30a. SIGNATURE OF OFFEROR/CONTRACTOR   |  |  |  |   |  | 31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)   |  |                              |  |            |  |
|  |  |  |  |   |  |  |  |                              |  |            |  |
| 30b. NAME AND TITLE OF SIGNER (Type or print)  |  | 30c. DATE SIGNED   |  | 31b. NAME OF CONTRACTING OFFICER (Type or print)            |  | 31c. DATE SIGNED   |  |                              |  |            |  |
|  |  |  |  |   |  |  |  |                              |  |            |  |

| 19.<br>ITEM NO. | 20.<br>SCHEDULE OF SUPPLIES/SERVICES | 21.<br>QUANTITY | 22.<br>UNIT | 23.<br>UNIT PRICE | 24.<br>AMOUNT |
|-----------------|--------------------------------------|-----------------|-------------|-------------------|---------------|
|                 |                                      |                 |             |                   |               |

32a. QUANTITY IN COLUMN 21 HAS BEEN

☐ RECEIVED
 ☐ INSPECTED
 ☐ ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: \_\_\_\_\_

|  |           |   |
|--|-----------|---|
| 32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE | 32c. DATE | 32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE |
|--|-----------|---|

|  |   |
|--|---|
| 32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE | 32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE |
|  | 32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE           |

|   |                    |                                    |  |                  |
|---|--------------------|------------------------------------|--|------------------|
| 33. SHIP NUMBER   | 34. VOUCHER NUMBER | 35. AMOUNT VERIFIED<br>CORRECT FOR | 36. PAYMENT<br><input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL | 37. CHECK NUMBER |
| <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL |                    |                                    |  |                  |

|                     |                        |             |
|---------------------|------------------------|-------------|
| 38. S/R ACCOUNT NO. | 39. S/R VOUCHER NUMBER | 40. PAID BY |
|---------------------|------------------------|-------------|

|   |                             |
|---|-----------------------------|
| 41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT | 42a. RECEIVED BY (Print)    |
| 41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER                | 42b. RECEIVED AT (Location) |
| 41c. DATE   | 42c. DATE REC'D (YY/MM/DD)  |
|   | 42d. TOTAL CONTAINERS       |

**SCHEDULE Continued**

| ITEM NO. | SUPPLIES/SERVICES  | QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|----------|--|----------|------|------------|--------|
| 0001     | <p><b>THE CONTRACTOR SHALL PROVIDE A FIRM-FIXED PRICE QUOTATION</b></p> <p>The Contractor shall provide two (2) spring-loaded high-frequency sample boxes in accordance with the attached Statement of Work (SOW).</p> <p><b>INSTRUCTIONS:</b></p> <p>In accordance with FAR 52.204-7, the awardee must be registered in the System for Award Management (SAM) prior to award. Refusal to register shall forfeit award.</p> <p>Due date for quotations:</p> <p>Offerors shall submit their quotations so that NIST receives them no later than 5:00pm EST on August 26, 2016. FAX quotations shall not be accepted. E-mail quotations shall be accepted at January.magyar@nist.gov. Please reference the RFQ number in the subject line of email communications.</p> <p>Offerors quotations shall not be deemed received by the Government until the quotation is entered in the email box set forth above.</p> <p>Addendum to FAR 52.212-1, Quotation</p> <p>Preparation Instructions:</p> <p>1) Price Quotation: The offeror shall electronically submit the completed priced schedule to January.magyar@nist.gov. The pricing shall be separate from any other portion of the quotation. The offeror shall propose a firm-fixed price, FOB destination for each CLIN. Contractor shall state warranty coverage. Price quotations shall remain valid for a period of 90 days from the date quotations are due.</p> <p>2) Technical Quotation: The offeror shall electronically submit the technical quotation to January.magyar@nist.gov. The technical quotation shall address the following:</p> <p>Technical Capability: The offeror shall submit a technical description or product literature for the spring loaded high frequency sample boxes it is proposing, which clearly identifies the manufacturer and part numbers. The offeror must demonstrate that the proposed equipment meets each requirement described in the statement of work by providing a citation to the relevant section of its technical description or product literature. If applicable, evidence that the offeror is authorized by the original manufacturer to provide the items in the quotation shall be included.</p> <p>3) Acceptance of Terms and Conditions: The Government intends to award a Purchase Order as a result of this solicitation that will include the clauses set forth herein. The quotation shall include one of the following statements:</p> | 2.00     | EA   |            |        |

## SCHEDULE Continued

| ITEM NO. | SUPPLIES/SERVICES   | QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|----------|---|----------|------|------------|--------|
|          | <p>"The terms and conditions in the solicitation are acceptable to be included in the award document without modification, deletion,"</p> <p>OR</p> <p>"The terms and conditions in the solicitation are acceptable to be included in the award document with the exception, deletion, or addition of the following:</p> <p>Offeror shall list exception(s) and rationale for the exception(s).</p> <p>QUOTATION EVALUATION:</p> <p>Evaluation Factors:</p> <p>Award shall be made to the offeror whose quotation is deemed technically acceptable and is lowest price.</p> <p>The Government will evaluate quotations based on the following evaluation criteria:</p> <p>1) Technical Capability and 2) Price.</p> <p>1. Technical Capability: Prototypes, demonstration models, used or refurbished instruments WILL NOT be considered. Evaluation of technical capability shall be based on the information provided in the quotation. NIST will evaluate whether the offeror has demonstrated that its proposed equipment meets or exceeds all requirements. Quotations that do not demonstrate the proposed equipment meets all requirements will not be considered further for award. If an offeror does not indicate whether its proposed equipment meets a certain minimum requirement, NIST will determine that it does not.</p> <p>2. Price: The Government will evaluate price for reasonableness.</p> |          |      |            |        |

# Table of Contents

|                |  |          |
|----------------|--|----------|
| <b>SECTION</b> | .....  | <b>6</b> |
| . 1            | Statement of Work (SoW).....   | 6        |
| . 5            | 52.204-7 SYSTEM FOR AWARD MANAGEMENT (JUL 2013).....   | 11       |
| . 6            | 52.204-13 SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (JULY 2013).....   | 12       |
| . 7            | 52.204-16 COMMERCIAL AND GOVERNMENT ENTITY CODE REPORTING (JUL 2016).....  | 13       |
| . 8            | 52.204-17 OWNERSHIP OR CONTROL OF OFFEROR (JUL 2016).....  | 13       |
| . 9            | 52.204-18 COMMERCIAL AND GOVERNMENT ENTITY CODE MANAGEMENT (JUL 2016).....   | 14       |
| . 10           | 52.209-11 REPRESENTATION BY CORPORATIONS REGARDING DELINQUENT TAX LIABILITY OR A FELONY<br>CONVICTION UNDER ANY FEDERAL LAW (FEB 2016).....                              | 14       |
| . 11           | 52.212-1 INSTRUCTIONS TO OFFERORS--COMMERCIAL ITEMS (OCT 2015).....  | 14       |
| . 12           | 52.212-3 I OFFEROR REPRESENTATIONS AND CERTIFICATIONS--COMMERCIAL ITEMS (JUL 2016)--<br>ALTERNATE I (MAR 2016).....  | 14       |
| . 13           | 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (MAY 2015).....   | 22       |
| . 14           | 52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--<br>COMMERCIAL ITEMS (JUN 2016).....  | 22       |
| . 15           | 52.225-2 BUY AMERICAN CERTIFICATE (MAY 2014).....  | 25       |
| . 16           | 52.225-18 PLACE OF MANUFACTURE (MAR 2015).....   | 26       |
| . 17           | 52.225-25 PROHIBITION ON CONTRACTING WITH ENTITIES ENGAGING IN CERTAIN ACTIVITIES OR<br>TRANSACTIONS RELATING TO IRAN--REPRESENTATION AND CERTIFICATIONS (OCT 2015)..... | 26       |
| . 18           | 52.232-39 UNENFORCEABILITY OF UNAUTHORIZED OBLIGATIONS (JUNE 2013).....  | 26       |
| . 19           | 52.232-40 PROVIDING ACCELERATED PAYMENTS TO SMALL BUSINESS SUBCONTRACTORS (DEC 2013).....  | 26       |
| . 20           | 52.247-35 F.O.B. DESTINATION, WITHIN CONSIGNEE`s PREMISES (APR 1984).....  | 26       |
| . 21           | 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998).....   | 27       |
| . 22           | 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998).....   | 27       |
| . 23           | 1352.201-70 CONTRACTING OFFICER?s AUTHORITY (APR 2010).....  | 27       |
| . 24           | 1352.209-73 COMPLIANCE WITH THE LAWS (APR 2010).....   | 27       |
| . 25           | 1352.209-74 ORGANIZATIONAL CONFLICT OF INTEREST (APR 2010).....  | 27       |
| . 26           | 1352.233-70 AGENCY PROTESTS (APR 2010).....  | 27       |
| . 27           | 1352.233-71 GAO AND COURT OF FEDERAL CLAIMS PROTESTS (APR 2010).....   | 28       |
| . 28           | 1352.246-70 PLACE OF ACCEPTANCE (APR 2010).....  | 28       |
| . 29           | NIST LOCAL-04 BILLING INSTRUCTIONS.....  | 28       |

## SECTION

### . 1 Statement of Work (SoW)

#### STATEMENT OF WORK

##### **Introduction:**

This is for the procurement of two (2) spring-loaded high-frequency sample boxes.

##### **Background:**

The National Institute of Standards and Technology's (NIST) Physical Measurement Laboratory (PML), as part of its research into SI-based quantum dot devices, is planning to purchase parts for a high-frequency electronic packaging unit (sample box assembly) that interfaces a silicon chip to the high-frequency (HF) and low-frequency (LF) input/outputs of a cryostat. The packaging unit consists of a PCB (provided by NIST), high/low frequency connectors (provided by NIST), a socket accommodating the chip, and a metallic enclosure, where the latter two are to be provided by the successful offeror. The connection to the pads on the chip must be made using a socket (provided by the offeror) with spring loaded pins. Socket must be designed so that pins can be electrically connected to pads on the PCB.

##### **Minimum Requirements:**

The system shall meet or exceed the technical specifications identified below. All items must be new, used or remanufactured equipment will not be considered for award. The use of "gray market" components not authorized for sale in the U.S. by the proposer is not acceptable. All items must be shipped in the original manufacturer's packaging and include all original documentation and software.

**Line Item 0001: The Contractor shall provide two (2) spring-loaded high-frequency sample boxes meeting or exceeding the following minimum requirements as identified below:**

##### **Minimum Technical Requirements:**

1. Shall have a maximum physical size of the socket and the enclosure combined is 2 inches x 2 inches x 2 inches.
2. The materials of the metal enclosure shall be non-magnetic and shall have a thermal conductivity larger than  $100 \text{ W m}^{-1} \text{ K}^{-1}$  at cryogenic temperatures ( $\sim 10 \text{ mK}$ ). The enclosure (including the "lid") must be gold plated. NIST has a preference for gold-plated OFHC copper- however other materials may be considered. Capability statements shall include information on materials used.
3. The enclosure (essentially a lid for the socket), shall provide a "light-tight" environment for the chip, such that there is no direct path for radiation to penetrate from the environment to the sample (chip) inside. Also, when the lid is installed, it shall push on the back of the chip and press it against the pins of the pin-socket enough to make reliable electrical contact but not cause any damages to the chip and/or the circuit within.

4. A spring loaded pin socket shall interface the chip to the PCB. The pin-socket shall have pins which connect the traces on the chip to those on the PCB. The pins shall make electrical contact with a 1  $\mu\text{m}$  thick aluminum film used for traces on the chip (must be tested by the offeror - see item #8).
5. The location of the high frequency pads on the chip, the location of high frequency connectors and the location of holes in the enclosure and the socket to mount the packaging unit onto NIST PCB and other equipment shall be modifiable prior to delivery.
6. The pins of the pin-socket shall have a characteristic impedance of 50 ohms. NIST's criteria is  $50 \pm 5$  ohms.
7. The pin-socket shall accommodate a chip with  $9965 \mu\text{m} (\pm 50 \mu\text{m}) \times 9965 \mu\text{m} (\pm 50 \mu\text{m})$  in size and  $600 \mu\text{m} (\pm 100 \mu\text{m})$  in thickness. The pin-socket shall be designed such that each pin is automatically aligned to the corresponding chip contact pad once the chip is placed inside the pin-socket and the lid of the enclosure is closed. The contact pads of the chip shall have a size of  $300 \mu\text{m} (\pm 20 \mu\text{m}) \times 300 \mu\text{m} (\pm 20 \mu\text{m})$  and the pitch size shall be no smaller than  $300 \mu\text{m}$ .
8. The PCB will be used to interface the pin-socket to high-frequency (coaxial) connectors. The chip will include simple coplanar transmission lines from one sample box port to the other. The contact resistance at room temperature shall be smaller than 5 ohms for all the contacts. The transmission ( $S_{21}$ ) is expected to be above -20 dB from DC to 40 GHz at the room temperature ( $\sim 300$  K). There shall be no unintentional resonances (box modes, or any standing waves) present. The quality factor of any resonance-shaped feature in  $S_{21}$  shall be smaller than 10, and any "dips" of features shall be smaller than 2 dB in amplitude throughout the 40 GHz span. Also, the chip shall be placed into the pin-socket (with the lid/enclosure closed) and removed for at least 10 times, and the offeror shall show that all the contacts on the chip are electrically connected to the corresponding high frequency connector on the PCB.
9. The design and the thermal expansion coefficient of materials used shall provide stable electrical connections from one pin to the other connected by the chip (item #8), in the temperature range of 10 mK to 300 K.
10. The spring loaded test socket shall allow operation up to 40GHz.
11. Shall include a light-tight enclosure to avoid or attenuate ambient radiation.

**Inspection & Acceptance Criteria:**

In addition to the inspection and acceptance criteria articulated in 52.212-4, the Government reserves the right to perform such performance tests and evaluations as defined below to verify specified system performance. Such tests and evaluations, if performed, shall be conducted within the environment that the system is operated. The Contractor has the right to be present during the tests and evaluations, if performed, at the Contractor's expense.

The following performance measurements are required:

The TPOC shall visually inspect and test to ensure the specifications identified are met.

**Warranty:**

The contractor shall warrant all parts for a period of at least one (1) year. The warranty must include unlimited telephone/e-mail support for questions regarding operation. All costs including parts, labor, travel and other expenses necessary to repair the system will be borne solely by the contractor at no additional cost to the U.S. Government during the warranty period.

**Delivery:**

Delivery should be **FOB DESTINATION** (Gaithersburg, MD) and shall be in accordance with the contractor's standard commercial delivery timeframe.

**Payment Schedule:**

The Contractor shall be paid, in accordance with Net 30-day payment terms, upon receipt and acceptance of a proper invoice for the entire purchase order, in accordance with the following schedule.

1. 100% after receipt and acceptance by the TPOC of sample boxes: and
2. After all inspection and acceptance requirements set forth in this document have been met.

NOTE: Partial shipments and partial invoices will not be accepted, unless otherwise requested and accepted by the Contracting Officer prior to award.



**PROHIBITION ON CONTRACTING WITH ENTITIES THAT REQUIRE CERTAIN INTERNAL CONFIDENTIALITY AGREEMENTS—REPRESENTATION (FEB 2015)**

(a) In accordance with section 743 of Division E, Title VII, of the Consolidated and Further Continuing Resolution Appropriations Act, 2015 (Pub. L. 113-235), Government agencies are not permitted to use funds appropriated (or otherwise made available) under that or any other Act for contracts with an entity that requires employees or subcontractors of such entity seeking to report fraud, waste, or abuse to sign internal confidentiality agreements or statements prohibiting or otherwise restricting such employees or subcontractors from lawfully reporting such waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information.

(b) The prohibition in paragraph (a) of this provision does not contravene requirements applicable to Standard Form 312, Form 4414, or any other form issued by a Federal department or agency governing the nondisclosure of classified information.

(c) *Representation.* By submission of its offer, the Offeror represents that it does not require employees or subcontractors of such entity seeking to report fraud, waste, or abuse to sign internal confidentiality agreements or statements prohibiting or otherwise restricting such employees or subcontractors from lawfully reporting such waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information.

(End of provision)

**52.203-99, Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements (DEVIATION 2015-02)**

PROHIBITION ON CONTRACTING WITH ENTITIES THAT REQUIRE CERTAIN INTERNAL  
CONFIDENTIALITY AGREEMENTS (FEB 2015)

(a) The Contractor shall not require employees or subcontractors seeking to report fraud, waste, or abuse to sign or comply with internal confidentiality agreements or statements prohibiting or otherwise restricting such employees or subcontractors from lawfully reporting such waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information.

(b) The contractor shall notify employees that the prohibitions and restrictions of any internal confidentiality agreements covered by this clause are no longer in effect.

(c) The prohibition in paragraph (a) of this clause does not contravene requirements applicable to Standard Form 312, Form 4414, or any other form issued by a Federal department or agency governing the nondisclosure of classified information.

(d) (1) In accordance with section 743 of Division E, Title VII, of the Consolidated and Further Continuing Resolution Appropriations Act, 2015 (Pub. L. 113-235), use of funds appropriated (or otherwise made available) under that or any other Act may be prohibited, if the Government determines that the Contractor is not in compliance with the provisions of this clause.

2) The Government may seek any available remedies in the event the Contractor fails to comply with the provisions of this clause.

(End of clause)

**Assurance by Corporations Regarding an Unpaid Delinquent Tax Liability or a Felony Conviction Under Any Federal Law (Class Deviation) (March 2015)**

- (1) In accordance with Sections 744 and 745 of Division E, Title VII, of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235), none of the funds made available by Consolidated and Further Continuing Appropriations Act, 2015 and subsequent appropriations acts may be used to enter into a contract with any corporation that -
  - (a) Was convicted of a felony criminal violation under any Federal law within the preceding 24 months, where an awarding agency is aware of the conviction, unless the agency has considered suspension or debarment of the corporation and made a determination that this further action is not necessary to protect the interests of the Government, or
  - (b) 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 the agency has considered suspension or debarment of the corporation and made a determination that this further action is not necessary to protect the interests of the Government.
- (2) *By accepting this award or order, in writing or by performance*, the offeror/contractor assures that -
  - (a) The offeror/contractor is not a corporation convicted of a felony criminal violation under a Federal law within the preceding 24 months.
  - (b) The offeror/contractor 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.

(End of Clause)

"Data Universal Numbering System (DUNS) number" means the 9-digit number assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities.

"Data Universal Numbering System +4 (DUNS+4) number" means the DUNS number assigned by D&B plus a 4-character suffix that may be assigned by a business concern. (D&B has no affiliation with this 4-character suffix.) This 4-character suffix may be assigned at the discretion of the business concern to establish additional System for Award Management records for identifying alternative Electronic Funds Transfer (EFT) accounts (see the FAR at Subpart 32.11) for the same concern.

"Registered in the System for Award Management (SAM) database" means that--

(1) The offeror has entered all mandatory information, including the DUNS number or the DUNS+4 number, the Contractor and Government Entity (CAGE) code, as well as data required by the Federal Funding Accountability and Transparency Act of 2006 (see Subpart 4.14) into the SAM database;

(2) The offeror has completed the Core, Assertions, and Representations and Certifications, and Points of Contact sections of the registration in the SAM database;

(3) The Government has validated all mandatory data fields, to include validation of the Taxpayer Identification Number (TIN) with the Internal Revenue Service (IRS). The offeror will be required to provide consent for TIN validation to the Government as a part of the SAM registration process; and

(4) The Government has marked the record ``Active'''.

(b)

(1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the SAM database prior to award, during performance, and through final payment of any contract, basic agreement, basic ordering agreement, or blanket purchasing agreement resulting from this solicitation.

(2) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" or "DUNS +4" followed by the DUNS or DUNS +4 number that identifies the offeror's name and address exactly as stated in the offer. The DUNS number will be used by the Contracting Officer to verify that the offeror is registered in the SAM database.

(c) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.

(1) An offeror may obtain a DUNS number--

(i) Via the Internet at <http://fedgov.dnb.com/webform> or if the offeror does not have internet access, it may call Dun and Bradstreet at 1-866-705-5711 if located within the United States; or

(ii) If located outside the United States, by contacting the local Dun and Bradstreet office. The offeror should indicate that it is an offeror of a U.S. Government contract when contacting the local Dun and Bradstreet office.

(2) The offeror should be prepared to provide the following information:

(i) Company legal business.

(ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.

(iii) Company Physical Street Address, City, State, and Zip Code.

(iv) Company Mailing Address, City, State and Zip Code (if separate from physical).

(v) Company Telephone Number.

(vi) Date the company was started.

(vii) Number of employees at your location.

(viii) Chief executive officer/key manager.

(ix) Line of business (industry).

(x) Company Headquarters name and address (reporting relationship within your entity).

(d) If the Offeror does not become registered in the SAM database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror.

(e) Processing time, which normally takes 48 hours, should be taken into consideration when registering. Offerors who are not registered should consider applying for registration immediately upon receipt of this solicitation.

(f) Offerors may obtain information on registration at <https://www.acquisition.gov>.

## . 6 52.204-13 SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (JULY 2013)

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

Data Universal Numbering System (DUNS) number means the 9-digit number assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities, which is used as the identification number for Federal Contractors.

Data Universal Numbering System+4 (DUNS+4) number means the DUNS number assigned by D&B plus a 4-character suffix that may be assigned by a business concern. (D&B has no affiliation with this 4-character suffix.) This 4-character suffix may be assigned at the discretion of the business concern to establish additional SAM records for identifying alternative Electronic Funds Transfer (EFT) accounts (see the FAR at subpart 32.11) for the same concern. Registered in the System for Award Management (SAM) database means that--

(1) The Contractor has entered all mandatory information, including the DUNS number or the DUNS+4 number, the Contractor and Government Entity (CAGE) code, as well as data required by the Federal Funding Accountability and Transparency Act of 2006 (see subpart 4.14), into the SAM database;

(2) The Contractor has completed the Core, Assertions, Representations and Certifications, and Points of Contact sections of the registration in the SAM database;

(3) The Government has validated all mandatory data fields, to include validation of the Taxpayer Identification Number (TIN) with the Internal Revenue Service (IRS). The Contractor will be required to provide consent for TIN validation to the Government as a part of the SAM registration process; and

(4) The Government has marked the record ``Active'''.

System for Award Management (SAM) means the primary Government repository for prospective Federal awardee and Federal awardee information and the centralized Government system for certain contracting, grants, and other assistance-related processes. It includes--

(1) Data collected from prospective Federal awardees required for the conduct of business with the Government;

(2) Prospective contractor-submitted annual representations and certifications in accordance with FAR subpart 4.12; and

(3) Identification of those parties excluded from receiving Federal contracts, certain subcontracts, and certain types of Federal financial and non-financial assistance and benefits.

(b) The Contractor is responsible for the accuracy and completeness of the data within the SAM database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the SAM database after the initial registration, the Contractor is required to review and update on an annual basis, from the date of initial registration or subsequent updates, its information in the SAM database to ensure it is current, accurate and complete. Updating information in the SAM does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(c)(1)(i) If a Contractor has legally changed its business name, doing business as name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to--

(A) Change the name in the SAM database;

(B) Comply with the requirements of subpart 42.12 of the FAR; and

(C) Agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor shall provide with the notification sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (c)(1)(i) of this clause, or fails to perform the agreement at paragraph (c)(1)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the SAM information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the ``Suspension of Payment''' paragraph of the electronic funds transfer (EFT) clause of this contract.

(2) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the SAM record to reflect an assignee for the purpose of assignment of claims (see FAR subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the SAM. Information provided to the Contractor's SAM record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the ``Suspension of Payment''' paragraph of the EFT clause of this contract.

(3) The Contractor shall ensure that the DUNS number is maintained with Dun & Bradstreet throughout the life of the contract. The Contractor shall communicate any change to the DUNS number to the Contracting Officer within 30 days after the change, so an appropriate modification can be issued to update the data on the contract. A change in the DUNS number does not necessarily require a novation be accomplished. Dun & Bradstreet may be contacted--

(i) Via the internet at <http://fedgov.dnb.com/webform> or if the Contractor does not have internet access, it may call Dun and Bradstreet at 1-866-705-5711 if located within the United States; or

(ii) If located outside the United States, by contacting the local Dun and Bradstreet office.

(d) Contractors may obtain additional information on registration and annual confirmation requirements at <https://www.acquisition.gov>.

(End of clause)

. 7 52.204-16 COMMERCIAL AND GOVERNMENT ENTITY CODE REPORTING (JUL 2016)

(Reference 52.204-16)

. 8 52.204-17 OWNERSHIP OR CONTROL OF OFFEROR (JUL 2016)

(Reference 52.204-17)

. 9 52.204-18 COMMERCIAL AND GOVERNMENT ENTITY CODE MANAGEMENT (JUL 2016)

(Reference 52.204-18)

. 10 52.209-11 REPRESENTATION BY CORPORATIONS REGARDING DELINQUENT TAX LIABILITY OR A 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.

(End of provision)

. 11 52.212-1 INSTRUCTIONS TO OFFERORS--COMMERCIAL ITEMS (OCT 2015)

(Reference 52.212-1)

. 12 52.212-3 I OFFEROR REPRESENTATIONS AND CERTIFICATIONS--COMMERCIAL ITEMS (JUL 2016)-- ALTERNATE I (MAR 2016)

The offeror shall complete only paragraphs (b) of this provision if the Offeror has completed the annual representations and certification electronically via the System for Award Management (SAM) Web site located at <https://www.sam.gov/portal> . If the Offeror has not completed the annual representations and certifications electronically, the Offeror shall complete only paragraphs (c) through (q) of this provision.

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

``Economically disadvantaged women-owned small business (EDWOSB) concern`` means a small business concern that is at least 51 percent directly and unconditionally owned by, and the management and daily business operations of which are controlled by, one or more women who are citizens of the United States and who are economically disadvantaged in accordance with 13 CFR part 127. It automatically qualifies as a women-owned small business eligible under the WOSB Program.

``Forced or indentured child labor`` means all work or service

(1) Exacted from any person under the age of 18 under the menace of any penalty for its nonperformance and for which the worker does not offer himself voluntarily; or

(2) Performed by any person under the age of 18 pursuant to a contract the enforcement of which can be accomplished by process or penalties.

``Highest-level owner`` means the entity that owns or controls an immediate owner of the offeror, or that owns or controls one or more entities that control an immediate owner of the offeror. No entity owns or exercises control of the highest level owner.

``Immediate owner`` means an entity, other than the offeror, that has direct control of the offeror. Indicators of control include, but are not limited to, one or more of the following: Ownership or interlocking management, identity of interests among family members, shared facilities and equipment, and the common use of employees.

``Inverted domestic corporation,`` means a foreign incorporated entity that meets the definition of an inverted domestic corporation under 6 U.S.C. 395(b), applied in accordance with the rules and definitions of 6 U.S.C. 395(c).

``Manufactured end product`` means any end product in product and service codes (PSCs) 1000-9999, except

- (1) PSC 5510, Lumber and Related Basic Wood Materials;
- (2) Product or Service Group (PSG) 87, Agricultural Supplies;
- (3) PSG 88, Live Animals;
- (4) PSG 89, Subsistence;
- (5) PSC 9410, Crude Grades of Plant Materials;
- (6) PSC 9430, Miscellaneous Crude Animal Products, Inedible;
- (7) PSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
- (8) PSC 9610, Ores;
- (9) PSC 9620, Minerals, Natural and Synthetic; and
- (10) PSC 9630, Additive Metal Materials.

``Place of manufacture`` means the place where an end product is assembled out of components, or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

``Restricted business operations`` means business operations in Sudan that include power production activities, mineral extraction activities, oil-related activities, or the production of military equipment, as those terms are defined in the Sudan Accountability and Divestment Act of 2007 (Pub. L. 110-174). Restricted business operations do not include business operations that the person (as that term is defined in Section 2 of the Sudan Accountability and Divestment Act of 2007) conducting the business can demonstrate-

- (1) Are conducted under contract directly and exclusively with the regional government of southern Sudan;
- (2) Are conducted pursuant to specific authorization from the Office of Foreign Assets Control in the Department of the Treasury, or are expressly exempted under Federal law from the requirement to be conducted under such authorization;
- (3) Consist of providing goods or services to marginalized populations of Sudan;
- (4) Consist of providing goods or services to an internationally recognized peacekeeping force or humanitarian organization;
- (5) Consist of providing goods or services that are used only to promote health or education; or
- (6) Have been voluntarily suspended.

Sensitive technology

- (1) Means hardware, software, telecommunications equipment, or any other technology that is to be used specifically-
  - (i) To restrict the free flow of unbiased information in Iran; or
  - (ii) To disrupt, monitor, or otherwise restrict speech of the people of Iran; and
- (2) Does not include information or informational materials the export of which the President does not have the authority to regulate or prohibit pursuant to section 203(b)(3) of the International Emergency Economic Powers Act (50 U.S.C. 1702(b)(3)).

``Service-disabled veteran-owned small business concern``

- (1) Means a small business concern
  - (i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and
  - (ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.
- (2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

``Small business concern`` means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and size standards in this solicitation.

``Small disadvantaged business concern, consistent with 13 CFR 124.1002,`` means a small business concern under the size standard applicable to the acquisition, that--

- (1) Is at least 51 percent unconditionally and directly owned (as defined at 13 CFR 124.105) by--
  - (i) One or more socially disadvantaged (as defined at 13 CFR 124.103) and economically disadvantaged (as defined at 13 CFR 124.104) individuals who are citizens of the United States; and
  - (ii) Each individual claiming economic disadvantage has a net worth not exceeding \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and
- (2) The management and daily business operations of which are controlled (as defined at 13 CFR 124.106) by individuals, who meet the criteria in paragraphs (1)(i) and (ii) of this definition.

``Subsidiary`` means an entity in which more than 50 percent of the entity is owned

(1) Directly by a parent corporation; or

(2) Through another subsidiary of a parent corporation.

``Veteran-owned small business concern`` means a small business concern

(1) Not less than 51 percent of which is owned by one or more veterans(as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

``Women-owned business concern`` means a concern which 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 the its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

``Women-owned small business concern`` means a small business concern --

(1) 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 the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

``Women-owned small business (WOSB) concern eligible under the WOSB Program (in accordance with 13 CFR part 127),`` means a small business concern that is at least 51 percent directly and unconditionally owned by, and the management and daily business operations of which are controlled by, one or more women who are citizens of the United States.

(b)

(1) Annual Representations and Certifications. Any changes provided by the offeror in paragraph (b) (2) of this provision do not automatically change the representations and certifications posted on the SAMwebsite.

(2) The offeror has completed the annual representations and certifications electronically via the SAM website accessed through <https://www.acquisition.gov>. After reviewing the SAM database information, the offeror verifies by submission of this offer that the representation and certifications currently posted electronically at FAR 52.212-3, Offeror Representations and Certifications-Commercial Items, have been entered or updated in 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 paragraphs \_\_\_\_\_. [Offeror to identify the applicable paragraphs at (c) through (q) of this provision that the offeror has completed for the purposes of this solicitation only, if any. 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. 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 electronically on SAM.]

(c) Offerors must complete the following representations when the resulting contract is to be performed in the United States or its outlying areas. Check all that apply.

(1) Small business concern. The offeror represents as part of its offer that it [ ] is, [ ] is not a small business concern.

(2) Veteran-owned small business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents as part of its offer that it [ ] is, [ ] is not a veteran-owned small business concern.

(3) Service-disabled veteran-owned small business concern. [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (c)(2) of this provision.] The offeror represents as part of its offer that it [ ] is, [ ] is not a service-disabled veteran-owned small business concern.

(4) Small disadvantaged business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.]The offeror represents that it [ ] is, [ ] is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.

(5) Women-owned small business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.]The offeror represents that it [ ] is, [ ] is not a women-owned small business concern.

Note: Complete paragraphs (c)(8) and (c)(9) only if this solicitation is expected to exceed the simplified acquisition threshold.

(6) WOSB concern eligible under the WOSB Program. [Complete only if the offeror represented itself as a women-owned small business concern in paragraph (c)(5) of this provision.] The offeror represents that-

(i) It [ ] is, [ ] is not a WOSB concern eligible under the WOSB Program, has provided all the required documents to the WOSB Repository, and no change in circumstances or adverse decision s have been issued that affects its eligibility; and

(ii) It [ ] is, [ ] is not a joint venture that complies with the requirements of 13 CFR part 127, and the representation in paragraph (c)(6)(i) of this provision is accurate for each WOSB concern eligible under the WOSB Program participating in the joint venture. [The offeror shall enter the name or names of the WOSB concern eligible under the WOSB Program and other small businesses that



are participating in the joint venture: \_\_\_\_\_.] Each WOSB concern eligible under the WOSB Program participating in the joint venture shall submit a separate signed copy of the WOSB representation.

(7) Economically disadvantaged women-owned small business (EDWOSB) concern. [Complete only if the offeror represented itself as a WOSB concern eligible under the WOSB Program in (c)(6) of this provision.] The offeror represents that-

(i) It [ ] is, [ ] is not an EDWOSB concern, has provided all the required documents to the WOSB Repository, and no change in circumstances or adverse decisions have been issued that affects its eligibility; and

(ii) It [ ] is, [ ] is not a joint venture that complies with the requirements of 13 CFR part 127, and the representation in paragraph (c)(7)(i) of this provision is accurate for each EDWOSB concern participating in the joint venture. [The offeror shall enter the name or names of the EDWOSB concern and other small businesses that are participating in the joint venture: \_\_\_\_\_.] Each EDWOSB concern participating in the joint venture shall submit a separate signed copy of the EDWOSB representation.

(8) Women-owned business concern (other than small business concern). [Complete only if the offeror is a women-owned business concern and did not represent itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it [ ] is, a women-owned business concern.

(9) Tie bid priority for labor surplus area concerns. If this is an invitation for bid, small business offerors may identify the labor surplus areas in which costs to be incurred on account of manufacturing or production (by offeror or first-tier subcontractors) amount to more than 50 percent of the contract price:

(10) HUBZone small business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents, as part of its offer, that--

(i) It [ ] is, [ ] is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material changes in ownership and control, principal office, or HUBZone employee percentage have occurred since it was certified in accordance with 13 CFR part 126; and

(ii) It [ ] is, [ ] is not a HUBZone joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (c)(10)(i) of this provision is accurate for each HUBZone small business concern participating in the HUBZone joint venture. [The offeror shall enter the names of each of the HUBZone small business concerns participating in the HUBZone joint venture: \_\_\_\_\_.] Each HUBZone small business concern participating in the HUBZone joint venture shall submit a separate signed copy of the HUBZone representation.

(11) (Complete if the offeror has represented itself as disadvantaged in paragraph (c)(4) of this provision.)

[The offeror shall check the category in which its ownership falls]:

\_\_\_ Black American.

\_\_\_ Hispanic American.

\_\_\_ Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).

\_\_\_ Asian-Pacific American (persons with origins from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, Republic of Palau, Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).

\_\_\_ Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, the Maldives Islands, or Nepal).

\_\_\_ Individual/concern, other than one of the preceding.

(d) Representations required to implement provisions of Executive Order 11246 --

(1) Previous contracts and compliance. The offeror represents that --

(i) It [ ] has, [ ] has not, participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation; and

(ii) It [ ] has, [ ] has not, filed all required compliance reports.

(2) Affirmative Action Compliance. The offeror represents that --

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

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

(e) Certification Regarding Payments to Influence Federal Transactions (31 U.S.C. 1352). (Applies only if the contract is expected to exceed \$150,000.) By submission of its offer, the offeror certifies to the best of its knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member

of Congress on his or her behalf in connection with the award of any resultant contract. If any registrants under the Lobbying Disclosure Act of 1995 have made a lobbying contact on behalf of the offeror with respect to this contract, the offeror shall complete and submit, with its offer, OMB Standard Form LLL, Disclosure of Lobbying Activities, to provide the name of the registrants. The offeror need not report regularly employed officers or employees of the offeror to whom payments of reasonable compensation were made.

(f) Buy American Certificate. (Applies only if the clause at Federal Acquisition Regulation (FAR) 52.225-1, Buy American ##### Supplies, is included in this solicitation.)

(1) The offeror certifies that each end product, except those listed in paragraph (f)(2) of this provision, is a domestic end product and that for other than COTS items, the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products, i.e., an end product that is not a COTS item and does not meet the component test in paragraph (2) of the definition of ``domestic end product.'' The terms ``commercially available off-the-shelf (COTS) item,`` ``component,`` ``domestic end product,`` ``end product,`` ``foreign end product,`` and ``United States`` are defined in the clause of this solicitation entitled ``Buy American-Supplies.``

(2) Foreign End Products:

| Line Item No. | Country of Origin |
|---------------|-------------------|
| _____         | _____             |
| _____         | _____             |
| _____         | _____             |

[List as necessary]

(3) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(g)

(1) Buy American -- Free Trade Agreements -- Israeli Trade Act Certificate. (Applies only if the clause at FAR 52.225-3, Buy American -- Free Trade Agreements -- Israeli Trade Act, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(1)(ii) or (g)(1)(iii) of this provision, is a domestic end product and that for other than COTS items, the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The terms ``Bahrainian, Moroccan, Omani, Panamanian, or Peruvian end product,`` ``commercially available off-the-shelf (COTS) item,`` ``component,`` ``domestic end product,`` ``end product,`` ``foreign end product,`` ``Free Trade Agreement country,`` ``Free Trade Agreement country end product,`` ``Israeli end product,`` and ``United States`` are defined in the clause of this solicitation entitled ``Buy American--Free Trade Agreements--Israeli Trade Act.``

(ii) The offeror certifies that the following supplies are Free Trade Agreement country end products (other than Bahrainian, Moroccan, Omani, Panamanian, or Peruvian end products) or Israeli end products as defined in the clause of this solicitation entitled ``Buy American-Free Trade Agreements-Israeli Trade Act``:

Free Trade Agreement Country End Products (Other than Bahrainian, Moroccan, Omani, Panamanian, or Peruvian End Products) or Israeli End Products:

| Line Item No. | Country of Origin |
|---------------|-------------------|
| _____         | _____             |
| _____         | _____             |
| _____         | _____             |

[List as necessary]

(iii) The offeror shall list those supplies that are foreign end products (other than those listed in paragraph (g)(1)(ii) or this provision) as defined in the clause of this solicitation entitled ``Buy American-Free Trade Agreements-Israeli Trade Act.`` The offeror shall list as other foreign end products those end products manufactured in the United States that do not qualify as domestic end products, i.e., an end product that is not a COTS item and does not meet the component test in paragraph (2) of the definition of ``domestic end product.``

Other Foreign End Products:

| Line Item No. | Country of Origin |
|---------------|-------------------|
| _____         | _____             |
| _____         | _____             |
| _____         | _____             |

[List as necessary]

(iv) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(2) Buy American-Free Trade Agreements-Israeli Trade Act Certificate, Alternate I. If Alternate I to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products as defined in the clause of this solicitation entitled ``Buy American-Free Trade Agreements-Israeli Trade Act``:Canadian End Products:

Line Item No.

|       |
|-------|
| _____ |
| _____ |
| _____ |

[List as necessary]

(3) Buy American-Free Trade Agreements-Israeli Trade Act Certificate, Alternate II. If Alternate II to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products or Israeli end products as defined in the clause of this solicitation entitled ``Buy American--Free Trade Agreements--Israeli Trade Act``:Canadian or Israeli End Products:

| Line Item No. | Country of Origin |
|---------------|-------------------|
|---------------|-------------------|

|       |       |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

[List as necessary]

(4) Buy American-Free Trade Agreements-Israeli Trade Act Certificate, Alternate III. If Alternate III to the clause at 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Free Trade Agreement country end products (other than Bahrainian, Korean, Moroccan, Omani, Panamanian, or Peruvian end products) or Israeli end products as defined in the clause of this solicitation entitled ``Buy American-Free Trade Agreements-Israeli Trade Act``:

Free Trade Agreement Country End Products (Other than Bahrainian, Korean, Moroccan, Omani, Panamanian, or Peruvian End Products) or Israeli End Products:

| Line Item No. | Country of Origin |
|---------------|-------------------|
|---------------|-------------------|

|       |       |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

[List as necessary]

(5) Trade Agreements Certificate. (Applies only if the clause at FAR 52.225-5, Trade Agreements, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(5)(ii) of this provision, is a U.S.-made or designated country end product as defined in the clause of this solicitation entitled ``Trade Agreements``

(ii) The offeror shall list as other end products those end products that are not U.S.-made or designated country end products.Other End Products

| Line item No. | Country of origin |
|---------------|-------------------|
|---------------|-------------------|

|       |       |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

[List as necessary]

(iii) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25. For line items covered by the WTO GPA, the Government will evaluate offers of U.S.-made or designated country end products without regard to the restrictions of the Buy American statute. The Government will consider for award only offers of U.S.-made or designated country end products unless the Contracting Officer determines that there are no offers for such products or that the offers for such products are insufficient to fulfill the requirements of the solicitation.

(h) Certification Regarding Responsibility Matters (Executive Order 12689). (Applies only if the contract value is expected to exceed the simplified acquisition threshold.) The offeror certifies, to the best of its knowledge and belief, that the offeror and/or any of its principals--

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

(2) ☐ 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 Federal, state or local government 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; and

(3) ☐ Are, ☐ are not presently indicted for, or otherwise criminally or civilly charged by a Government entity with, commission of any of these offenses enumerated in paragraph (h)(2) of this clause; and

(4) ☐ 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.

(i) Taxes are considered delinquent if both of the following criteria apply:

(A) 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.

(B) 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.

(ii) Examples.

(A) 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.

(B) 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.

(C) 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.

(D) 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).

(i) Certification Regarding Knowledge of Child Labor for Listed End Products (Executive Order 13126). [The Contracting Officer must list in paragraph (i)(1) any end products being acquired under this solicitation that are included in the List of Products Requiring Contractor Certification as to Forced or Indentured Child Labor, unless excluded at 22.1503(b).]

(1) Listed End Product

| Line item No. | Listed Countries of Origin |
|---------------|----------------------------|
| _____         | _____                      |
| _____         | _____                      |
| _____         | _____                      |

[List as necessary]

(2) Certification. [If the Contracting Officer has identified end products and countries of origin in paragraph (i)(1) of this provision, then the offeror must certify to either (i)(2)(i) or (i)(2)(ii) by checking the appropriate block.]

☐ (i) The offeror will not supply any end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product.

☐ (ii) The offeror may supply an end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product. The offeror certifies that it has made a good faith effort to determine whether forced or indentured child labor was used to mine, produce, or manufacture any such end product furnished under this contract. On the basis of those efforts, the offeror certifies that it is not aware of any such use of child labor.

(j) Place of manufacture. (Does not apply unless the solicitation is predominantly for the acquisition of manufactured end products.) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide in response to this solicitation is predominantly-

(1) ☐ In the United States (Check this box if the total anticipated price of offered end products manufactured in the United States exceeds the total anticipated price of offered end products manufactured outside the United States); or

(2) ☐ Outside the United States.

(k) Certificates regarding exemptions from the application of the Service Contract Labor Standards. (Certification by the offeror as to its compliance with respect to the contract also constitutes its

certification as to compliance by its subcontractor if it subcontracts out the exempt services.) [The contracting officer is to check a box to indicate if paragraph (k)(1) or (k)(2) applies.]

(1) ☐ Maintenance, calibration, or repair of certain equipment as described in FAR 22.1003-4(c)(1). The offeror ☐ does ☐ does not certify that-

(i) The items of equipment to be serviced under this contract are used regularly for other than Governmental purposes and are sold or traded by the offeror (or subcontractor in the case of an exempt subcontract) in substantial quantities to the general public in the course of normal business operations;

(ii) The services will be furnished at prices which are, or are based on, established catalog or market prices (see FAR 22.1003-4(c)(2)(ii)) for the maintenance, calibration, or repair of such equipment; and

(iii) The compensation (wage and fringe benefits) plan for all service employees performing work under the contract will be the same as that used for these employees and equivalent employees servicing the same equipment of commercial customers.

(2) ☐ Certain services as described in FAR 22.1003-4(d)(1). The offeror ☐ does ☐ does not certify that-

(i) The services under the contract are offered and sold regularly to non-Governmental customers, and are provided by the offeror (or subcontractor in the case of an exempt subcontract) to the general public in substantial quantities in the course of normal business operations;

(ii) The contract services will be furnished at prices that are, or are based on, established catalog or market prices (see FAR 22.1003-4(d)(2)(iii));

(iii) Each service employee who will perform the services under the contract will spend only a small portion of his or her time (a monthly average of less than 20 percent of the available hours on an annualized basis, or less than 20 percent of available hours during the contract period if the contract period is less than a month) servicing the Government contract; and

(iv) The compensation (wage and fringe benefits) plan for all service employees performing work under the contract is the same as that used for these employees and equivalent employees servicing commercial customers.

(3) If paragraph (k)(1) or (k)(2) of this clause applies-

(i) If the offeror does not certify to the conditions in paragraph (k)(1) or (k)(2) and the Contracting Officer did not attach a Service Contract Labor Standards wage determination to the solicitation, the offeror shall notify the Contracting Officer as soon as possible; and

(ii) The Contracting Officer may not make an award to the offeror if the offeror fails to execute the certification in paragraph (k)(1) or (k)(2) of this clause or to contact the Contracting Officer as required in paragraph (k)(3)(i) of this clause.

(1) Taxpayer identification number (TIN) (26 U.S.C. 6109, 31 U.S.C. 7701). (Not applicable if the offeror is required to provide this information to the SAM database to be eligible for award.)

(1) All offerors must submit the information required in paragraphs (1)(3) through (1)(5) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the Internal Revenue Service (IRS).

(2) The TIN may be used by the government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(3) Taxpayer Identification Number (TIN).

☐ TIN: \_\_\_\_\_ .

☐ TIN has been applied for.

☐ TIN is not required because:

☐ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

☐ Offeror is an agency or instrumentality of a foreign government;

☐ Offeror is an agency or instrumentality of the Federal Government;

(4) Type of organization.

☐ Sole proprietorship;

☐ Partnership;

☐ Corporate entity (not tax-exempt);

☐ Corporate entity (tax-exempt);

☐ Government entity (Federal, State, or local);

☐ Foreign government;

☐ International organization per 26 CFR 1.6049-4;

☐ Other \_\_\_\_\_.

(5) Common parent.

☐ Offeror is not owned or controlled by a common parent:

☐ Name and TIN of common parent:

Name \_\_\_\_\_

(m) Restricted business operations in Sudan. By submission of its offer, the offeror certifies that the offeror does not conduct any restricted business operations in Sudan.

(n) Prohibition on Contracting with Inverted Domestic Corporations-

(1) 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.

(2) Representation. The Offeror represents that--

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

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

(o) Prohibition on contracting with entities engaging in certain activities or transactions relating to Iran.

(1) The offeror shall email questions concerning sensitive technology to the Department of State at CISADA106@state.gov.

(2) Representation and Certification. Unless a waiver is granted or an exception applies as provided in paragraph (o)(3) of this provision, by submission of its offer, the offeror-

(i) Represents, to the best of its knowledge and belief, that the offeror does not export any sensitive technology to the government of Iran or any entities or individuals owned or controlled by, or acting on behalf or at the direction of, the government of Iran;

(ii) Certifies that the offeror, or any person owned or controlled by the offeror, does not engage in any activities for which sanctions may be imposed under section 5 of the Iran Sanctions Act; and

(iii) Certifies that the offeror, and any person owned or controlled by the offeror, does not knowingly engage in any transaction that exceeds \$3,500 with Iran's Revolutionary Guard Corps or any of its officials, agents, or affiliates, the property and interests in property of which are blocked pursuant to the International Emergency Economic Powers Act (50 U.S.C. 1701 et seq.) (see OFAC's Specially Designated Nationals and Blocked Persons List at <http://www.treasury.gov/ofac/downloads/tllsdsn.pdf>).

(3) The representation and certification requirements of paragraph (o)(2) of this provision do not apply if-

(i) This solicitation includes a trade agreements certification (e.g., 52.212-3(g) or a comparable agency provision); and

(ii) The offeror has certified that all the offered products to be supplied are designated country end products.

### . 13 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (MAY 2015)

(Reference 52.212-4)

### . 14 52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--COMMERCIAL ITEMS (JUN 2016)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clause, which is incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.209-10, Prohibition on Contracting with Inverted Domestic Corporations (Nov 2015).

(2) 52.233-3, Protest after Award (Aug 1996) (31 U.S.C. 3553).

(3) 52.233-4, Applicable Law for Breach of Contract Claim (Oct 2004)(Public Laws 108-77 and 108-78 (19 U.S.C. 3805 note)).

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.203-6, Restrictions on Subcontractor Sales to the Government (Sep 2006), with Alternate I (Oct 1995)(41 U.S.C. 4704 and 10 U.S.C. 2402).

(2) 52.203-13, Contractor Code of Business Ethics and Conduct (Oct 2015) (41 U.S.C. 3509).

(3) 52.203-15, Whistleblower Protections Under the American Recovery L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)

(4) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (Oct 2015) (Pub. L. 109-282) (31 U.S.C. 6101 note).

(5) [Reserved]

(6) 52.204-14, Service Contract Reporting Requirements (JAN 2014) (Pub. L. 111-117, section 743 of Div. C).

(7) 52.204-15, Service Contract Reporting Requirements for Indefinite-Delivery Contracts (JAN 2014) (Pub. L. 111-117, section 743 of Div. C).

(8) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment. (Oct 2015) (31 U.S.C. 6101 note).

(9) 52.209-9, Updates of Publicly Available Information Regarding Responsibility Matters (Jul 2013) (41 U.S.C. 2313).

(10) [Reserved]

(11)(i) 52.219-3, Notice of HUBZone Set-Aside or Sole-Source Award (NOV 2011) (15 U.S.C. 657a).

(ii) Alternate I (NOV 2011) of 52.219-3.

(12) (i) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (OCT 2014) (if the offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).

(ii) Alternate I (JAN 2011) of 52.219-4.

(13) [Reserved]

(14)

XX (i) 52.219-6, Notice of Total Small Business Set-Aside (Nov 2011) (15 U.S.C. 644).

(ii) Alternate I (Nov 2011) of 52.219-6.

(iii) Alternate II (Nov 2011) of 52.219-6.

(15)

(i) 52.219-7, Notice of Partial Small Business Set-Aside (Jun 2003) (15 U.S.C. 644).

(ii) Alternate I (Oct 1995) of 52.219-7.

(iii) Alternate II (Mar 2004) of 52.219-7.

(16) 52.219-8, Utilization of Small Business Concerns (OCT 2014) (15 U.S.C. 637(d)(2) and (3)).

(17)

(i) 52.219-9, Small Business Subcontracting Plan (Oct 2015) (15 U.S.C. 637(d)(4)).

(ii) Alternate I (Oct 2001) of 52.219-9.

(iii) Alternate II (Oct 2001) of 52.219-9.

(iv) Alternate III (Oct 2015) of 52.219-9.

(18) 52.219-13, Notice of Set-Aside of Orders (Nov 2011) (15 U.S.C. 644(r)).

(19) 52.219-14, Limitations on Subcontracting (Nov 2011) (15 U.S.C. 637(a)(14)).

(20) 52.219-16, Liquidated Damages--Subcontracting Plan (Jan 1999)(15 U.S.C. 637(d)(4)(F)(i)).

(21) 52.219-27, Notice of Service-Disabled Veteran-Owned Small Business Set-Aside (Nov 2011) (15 U.S.C. 657f).

XX (22) 52.219-28, Post Award Small Business Program Rerepresentation (Jul 2013) (15 U.S.C. 632(a)(2)).

(23) 52.219-29, Notice of Set-Aside for, or Sole Source Award to, Economically Disadvantaged Women-Owned Small Business Concerns (Dec 2015) (15 U.S.C. 637(m)).

(24) 52.219-30, Notice of Set-Aside for, or Sole Source Award to, Women-Owned Small Business Concerns Eligible Under the Women-Owned Small Business Program (Dec 2015) (15 U.S.C. 637(m)).

XX (25) 52.222-3, Convict Labor (June 2003) (E.O. 11755).

XX (26) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (FEB 2016) (E.O. 13126).

XX (27) 52.222-21, Prohibition of Segregated Facilities (Apr 2015).

XX (28) 52.222-26, Equal Opportunity (Apr 2015) (E.O. 11246).

(29) 52.222-35, Equal Opportunity for Veterans (Oct 2015) (38 U.S.C. 4212).

(30) 52.222-36, Equal Opportunity for Workers with Disabilities (Jul 2014) (29 U.S.C. 793).

(31) 52.222-37, Employment Reports on Veterans (Feb 2016) (38 U.S.C. 4212).

(32) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (E.O. 13496).

XX (33)(i) 52.222-50, Combating Trafficking in Persons (March 2,2015) (22 U.S.C. chapter 78 and E.O. 13627).

(ii) Alternate I (March 2, 2015) of 52.222-50 (22 U.S.C. chapter 7 and E.O. 13627).

(34) 52.222-54, Employment Eligibility Verification (Oct 2015). (E. O. 12989). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in 22.1803.)

(35) (i) 52.223-9, Estimate of Percentage of Recovered Material Contentfor EPA-Designated Items (May 2008) (42 U.S.C.6962(c)

(3)(A)(ii)). (Notapplicable to the acquisition of commercially available off-the-shelf items.)

(ii) Alternate I (May 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

(36) 52.223-11, Ozone-Depleting Substances and High Global Warming Potential Hydrofluorocarbons (June, 2016) (E.O. 13693).

(37) 52.223-12, Maintenance, Service, Repair, or Disposal of Refrigeration Equipment and Air Conditioners (June, 2016) (E.O. 13693).

(38) (i) 52.223-13, Acquisition of EPEAT(R) -Registered Imaging Equipment(Jun 2014) (E.O.s 13423 and 13514)

(ii) Alternate I (Oct 2015) of 52.223-13.

(39) (i) 52.223-14, Acquisition of EPEAT(R) -Registered Television (Jun 2014) (E.O.s 13423 and 13514).

(ii) Alternate I (Jun 2014) of 52.223-14.

(40) 52.223-15, Energy Efficiency in Energy-Consuming Products(Dec 2007) (42 U.S.C. 8259b).

(41) (i) 52.223-16, Acquisition of EPEAT(R)-Registered Personal Computer Products (OCT 2015) (E.O.s 13423 and 13514).

(ii) Alternate I (Jun 2014) of 52.223-16.

XX (42) 52.223-18, Encouraging Contractor Policies to Ban Text Messaging while Driving (Aug 2011) (E.O. 13513).

(43) 52.223-20, Aerosols (June, 2016) (E.O. 13693).

(44) 52.223-21, Foams (June, 2016) (E.O. 13693).

XX (45) 52.225-1, Buy American--Supplies (May 2014) (41 U.S.C.chapter 83).

(46) (i) 52.225-3, Buy American--Free Trade Agreements--Israeli Trade Act (May 2014) (41 U.S.C. chapter 83, 19 U.S.C. 3301 note, 19 U.S.C. 2112 note, 19 U.S.C. 3805 note, 19 U.S.C. 4001 note, Pub. L. 103-182, 108-77, 108-78, 108-286, 108-302, 109-53, 109-169, 109-283, 110-138, 112-41,112-42, and 112-43).

(ii) Alternate I (May 2014) of 52.225-3.

(iii) Alternate II (May 2014) of 52.225-3.

(iv) Alternate III (May 2014) of 52.225-3.

(47) 52.225-5, Trade Agreements (FEB 2016) (19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).

XX (48) 52.225-13, Restrictions on Certain Foreign Purchases (Jun 2008) (E.O.'s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

(49) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Jul 2013) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note).

(50) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (Nov 2007) (42 U.S.C. 5150).

(51) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov 2007) (42 U.S.C. 5150).

(52) 52.232-29, Terms for Financing of Purchases of Commercial Items(Feb 2002) (41 U.S.C. 4505), 10 U.S.C. 2307(f)).

(53) 52.232-30, Installment Payments for Commercial Items (Oct 1995)(41 U.S.C. 4505, 10 U.S.C. 2307(f)).

XX (54) 52.232-33, Payment by Electronic Funds Transfer - System for Award Management (Jul 2013) (31 U.S.C. 3332).

(55) 52.232-34, Payment by Electronic Funds Transfer - Other Than System for Award Management (Jul 2013) (31 U.S.C. 3332).

(56) 52.232-36, Payment by Third Party (May 2014) (31 U.S.C. 3332).

(57) 52.239-1, Privacy or Security Safeguards (Aug 1996) (5 U.S.C. 552a).

(58) (i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx 1241(b) and 10 U.S.C.2631).

(ii) Alternate I (Apr 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-17, Nondisplacement of Qualified Workers (May 2014) (E.O. 13495).

(2) 52.222-41, Service Contract Labor Standards (MAY 2014) (41 U.S.C. chapter 67).

(3) 52.222-42, Statement of Equivalent Rates for Federal Hires(MAY 2014) (29 U.S.C. 206 and 41 U.S.C. chapter 67).

(4) 52.222-43, Fair Labor Standards Act and Service Contract Labor --Price Adjustment (Multiple Year and Option Contracts)(MAY 2014) (29 U.S.C. 206 and 41 U.S.C. chapter 67).

(5)52.222-44, Fair Labor Standards Act and Service Contract Labor Standards--Price Adjustment (MAY 2014) (29 U.S.C 206 and 41 U.S.C. chapter 67).

(6)52.222-51, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (MAY 2014) (41 U.S.C. chapter 67).

(7) 52.222-53, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Requirements (MAY 2014) (41 U.S.C. chapter 67).

(8) 52.222-55, Minimum Wages Under Executive Order 13658 (DEC 2015).

(9) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (MAY 2014) (42 U.S.C. 1792).

(10) 52.237-11, Accepting and Dispensing of \$1 Coin (Aug 2007)(31 U.S.C. 5112(p)(1)).

(d) Comptroller General Examination of Record. The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess ofthe simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records-Negotiation.



(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e)

(1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c), and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in this paragraph (e)(1) in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause--

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (Oct 2015) (41 U.S.C. 3509).

(ii) 52.219-8, Utilization of Small Business Concerns (OCT 2014) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$700,000 (\$1.5 million for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(iii) 52.222-17, Nondisplacement of Qualified Workers (MAY 2014) (E.O. 13495). Flow down required in accordance with paragraph (l) of FAR clause 52.222-17.

(iv) 52.222-21, Prohibition of Segregated Facilities (Apr 2015).

(v) 52.222-26, Equal Opportunity (APR 2015) (E.O. 11246).

(vi) 52.222-35, Equal Opportunity for Veterans (Oct 2015) (38 U.S.C. 4212).

(vii) 52.222-36, Equal Opportunity for Workers with Disabilities (Jul 2014) (29 U.S.C. 793).

(viii) 52.222-37, Employment Reports on Veterans (Feb 2016) (38 U.S.C. 4212).

(ix) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (E.O. 13496). Flow down required in accordance with paragraph (f) of FAR clause 52.222-40.

(x) 52.222-41, Service Contract Labor Standards (May 2014), (41 U.S.C. chapter 67).

(xi) (A) 52.222-50, Combating Trafficking in Persons (March 2, 2015) (22 U.S.C. chapter 78 and E.O. 13627).

(B) Alternate I (March 2, 2015) of 52.222-50 (22 U.S.C. chapter 78 and E.O. 13627).

(xii) 52.222-51, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (May 2014) 41 U.S.C. chapter 67.)

(xiii) 52.222-53, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Requirements (May 2014) (41 U.S.C. chapter 67)

(xiv) 52.222-54, Employment Eligibility Verification (Oct 2015) (E.O. 12989).

(xv) 52.222-55, Minimum Wages Under Executive Order 13658 (DEC 2015).

(xvi) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Jul 2013) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note).

(xvii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (May 2014) (42 U.S.C. 1792). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.

(xviii) 52.247-64, Preference for Privately-Owned U.S. Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx 1241(b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

(2) While not required, the Contractor may include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(End of Clause)

. 15 52.225-2 BUY AMERICAN CERTIFICATE (MAY 2014)

(a) The offeror certifies that each end product, except those listed in paragraph (b) of this provision, is a domestic end product and that for other than COTS items, the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products, i.e., an end product that is not a COTS item and does not meet the component test in paragraph (2) of the definition of domestic end product. The terms

commercially available off-the-shelf (COTS) item, component, domestic end product, end product, foreign end product, and United States are defined in the clause of this solicitation entitled Buy American -Supplies.

(b) Foreign End Products:

| Line Item No. | Country of Origin |
|---------------|-------------------|
|               |                   |
|               |                   |
|               |                   |

[List as necessary]

(c) The Government will evaluate offers in accordance with the policies and procedures of Part 25 of the Federal Acquisition Regulation.

(End of Provision)

. 16 52.225-18 PLACE OF MANUFACTURE (MAR 2015)

(a) Definitions. As used in this clause;

``Manufactured end product`` means any end product in product and service codes (PSCs) 1000-9999, except--

- (1) PSC 5510, Lumber and Related Basic Wood Materials;
- (2) Product or Service Group (PSG) 87, Agricultural Supplies;
- (3) PSG 88, Live Animals;
- (4) PSG 89, Subsistence;
- (5) PSC 9410, Crude Grades of Plant Materials;
- (6) PSC 9430, Miscellaneous Crude Animal Products, Inedible;
- (7) PSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
- (8) PSC 9610, Ores;
- (9) PSC 9620, Minerals, Natural and Synthetic; and
- (10) PSC 9630, Additive Metal Materials.

``Place of manufacture`` means the place where an endproduct is assembled out of components, or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

(b) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide in response to this solicitation is predominantly--

[ ] (1) In the United States (Check this box if the total anticipated price of offered end products manufactured in the United States exceeds the total anticipated price of offered end products manufactured outside the United States); or

[ ] (2) Outside the United States.

(End of provision)

. 17 52.225-25 PROHIBITION ON CONTRACTING WITH ENTITIES ENGAGING IN CERTAIN ACTIVITIES OR TRANSACTIONS RELATING TO IRAN--REPRESENTATION AND CERTIFICATIONS (OCT 2015)

(Reference 52.225-25)

. 18 52.232-39 UNENFORCEABILITY OF UNAUTHORIZED OBLIGATIONS (JUNE 2013)

(Reference 52.232-39)

. 19 52.232-40 PROVIDING ACCELERATED PAYMENTS TO SMALL BUSINESS SUBCONTRACTORS (DEC 2013)

(Reference 52.232-40)

. 20 52.247-35 F.O.B. DESTINATION, WITHIN CONSIGNEE'S PREMISES (APR 1984)

(a) The term "f.o.b. destination, within consignee's premises," as used in this clause, means free of expense to the Government delivered and laid down within the doors of the consignee's premises, including delivery to specific rooms within a building if so specified.

(b) The Contractor shall--

(1)

(i) Pack and mark the shipment to comply with contract specifications; or

(ii) In the absence of specifications, prepare the shipment in conformance with carrier requirements;

(2) Prepare and distribute commercial bills of lading;

(3) Deliver the shipment in good order and condition to the point of delivery specified in the contract;

(4) Be responsible for any loss of and/or damage to the goods occurring before receipt of the shipment by the consignee at the delivery point specified in the contract;

(5) Furnish a delivery schedule and designate the mode of delivering carrier; and

(6) Pay and bear all charges to the specified point of delivery.

(End of Clause)

. 21 52.252-1 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):  
[www.acquisition.gov](http://www.acquisition.gov)

(End of Provision)

. 22 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

[www.acquisition.gov](http://www.acquisition.gov)

(End of Clause)

. 23 1352.201-70 CONTRACTING OFFICER'S AUTHORITY (APR 2010)

(Reference 1352.201-70)

. 24 1352.209-73 COMPLIANCE WITH THE LAWS (APR 2010)

(Reference 1352.209-73)

. 25 1352.209-74 ORGANIZATIONAL CONFLICT OF INTEREST (APR 2010)

(Reference 1352.209-74)

. 26 1352.233-70 AGENCY PROTESTS (APR 2010)

(a) An agency protest may be filed with either: (1) the contracting officer, or (2) at a level above the contracting officer, with the appropriate agency Protest Decision Authority. See 64 Fed. Reg. 16,651 (April 6, 1999)

(b) Agency protests filed with the Contracting Officer shall be sent to the following address: 100 Bureau Drive  
MS 1640  
Gaithersburg, MD 20899

(c) Agency protests filed with the agency Protest Decision Authority shall be sent to the following address: 100 Bureau Drive  
MS 1640  
Gaithersburg, MD 20899

(d) A complete copy of all agency protests, including all attachments, shall be served upon the Contract Law Division of the Office of the General Counsel within one day of filing a protest with either the Contracting Officer or the Protest Decision Authority.

(e) Service upon the Contract Law Division shall be made as follows:

U.S. Department of Commerce  
Office of the General Counsel  
Chief, Contract Law Division  
Room 5893  
Herbert C. Hoover Building  
14th Street and Constitution Avenue, N.W.  
Washington, D.C. 20230.  
FAX: (202) 482-5858

(End of clause)

. 27 1352.233-71 GAO AND COURT OF FEDERAL CLAIMS PROTESTS (APR 2010)

(a) A protest may be filed with either the Government Accountability Office (GAO) or the Court of Federal Claims unless an agency protest has been filed.

(b) A complete copy of all GAO or Court of Federal Claims protests, including all attachments, shall be served upon (i) the Contracting Officer, and (ii) the Contract Law Division of the Office of the General Counsel, within one day of filing a protest with either GAO or the Court of Federal Claims.

(c) Service upon the Contract Law Division shall be made as follows:

U.S. Department of Commerce  
Office of the General Counsel  
Chief, Contract Law Division  
Room 5893  
Herbert C. Hoover Building  
14th Street and Constitution Avenue, N.W.  
Washington, D.C. 20230.  
FAX: (202) 482-5858

(End of clause)

. 28 1352.246-70 PLACE OF ACCEPTANCE (APR 2010)

(a) The Contracting Officer or the duly authorized representative will accept supplies and services to be provided under this contract. (b) The place of acceptance will be:

NIST  
100 Bureau Drive  
Gaithersburg, MD 20899

(End of clause)

- (a) NIST prefers electronic Invoice/Voucher submissions and they should be emailed to INVOICE@NIST.GOV.
- (b) Each Invoice or Voucher submitted shall include the following: (1) Contract Number. (2) Contractor Name and Address. (3) Date of Invoice. (4) Invoice Number. (5) Amount of Invoice and Cumulative Amount Invoiced to-date. (6) Contract Line Item Number (CLIN). (7) Description, Quantity, Unit of Measure, Unit Price, and Extended Price of Supplies/Services Delivered. (8) Prompt Payment Discount Terms, if Offered. (9) Any other information or documentation required by the contract.
- (c) In the event electronic submissions are not used, The Contractor shall submit an original invoice or voucher in accordance with the payment provisions of this contract to:
- NIST: Accounts Payable Office  
100 Bureau Drive, Mail Stop 1621  
Gaithersburg, MD 20899-1621
- (End of clause)