

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS <i>OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30</i>				1. REQUISITION NUMBER 4200541749		2. PAGE OF 1 12			
2. CONTRACT NO. NNS15AA50C		3. AWARD/EFFECTIVE DATE See Block 31C		4. ORDER NUMBER		5. SOLICITATION NUMBER NNS15541749R		6. SOLICITATION ISSUE DATE 03/19/2015	
7. FOR SOLICITATION INFORMATION CALL			a. NAME Cheryl A. Timko			b. TELEPHONE NUMBER (No collect calls) (228) 688-3599		8. OFFER DUE DATE/ LOCAL TIME 03/26/2015 1400 LT	
9. ISSUED BY NASA/Stennis Space Center Office of Procurement Attn: Cheryl A. Timko Building 1100, RM 260B Stennis Space Center MS 39529-6000				CODE SSC		10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED OR <input type="checkbox"/> SET ASIDE: _____ % FOR: <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> HUBZONE SMALL BUSINESSES <input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS WOMEN-OWNED SMALL BUSINESS <input type="checkbox"/> (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM <input type="checkbox"/> EDWOSB <input type="checkbox"/> 8(A) NAICS: 541330 SIZE STANDARD: \$15M			
11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE			12. DISCOUNT TERMS			<input type="checkbox"/> 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		13b. RATING	
15. DELIVER TO: NASA/Stennis Space Center Stennis Space Center MS 39529-6000				CODE SSC		16. ADMINISTERED BY NASA/Stennis Space Center Office of Procurement Attn: Cheryl A. Timko Building 1100, RM 260B Stennis Space Center MS 39529-6000			
17a. CONTRACTOR/OFFEROR CODE FACILITY CODE DUNS: _____ CAGE: _____ TELEPHONE NO. _____			18a. PAYMENT WILL BE MADE BY NASA/Shared Services Center Financial Management Division (FMD) Accounts Payable Bldg 1111, C. Road Stennis Space Center, MS 39529 nssc-accountspayable@nasa.gov			CODE		14. METHOD OF SOLICITATION <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP	
<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	
001	Task 1: On-site support to organize and document the NASA G2 Toolkit				1	JB	\$ _____	\$ _____	
002	Task 2: Coding and Coding Support in support of APL				1	JB	\$ _____	\$ _____	
003	Task 3: Support in adhering to a software development standard and documentation for G2				1	JB	\$ _____	\$ _____	
004	Task 4: Support creation of documentation <i>(Use Reverse and/or Attach Additional Sheets as Necessary)</i>				1	JB	\$ _____	\$ _____	
25. ACCOUNTING AND APPROPRIATION DATA *						26. TOTAL AWARD AMOUNT (For Govt. Use Only) * \$			
<input checked="" 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 checked="" type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED					<input checked="" type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4, 52.212-5 IS ATTACHED. ADDENDA <input checked="" type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED				
<input checked="" type="checkbox"/> 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN <u>1</u> 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 DATED _____, 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) Gerald L. Norris			31c. DATE SIGNED	

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. 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
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32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE
	32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	37. CHECK NUMBER
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38. S/R ACCOUNT NO.	39. S/R VOUCHER NUMBER	40. PAID BY
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41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT	42a. RECEIVED BY (Print)	
		41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER
	42c. DATE REC'D (YY/MM/DD)	42d. TOTAL CONTAINERS

1. SUPPLIES AND/OR SERVICES TO BE FURNISHED

The contractor shall provide all resources necessary to support Autonomous Cryogenic Fluid Management using G2. This support includes implementation using NASA's ISHM Toolkit within the G2/Syncure Programming Environment. See Attachment 1 for a complete Statement of Work (SOW). The Government anticipates the award of a firm-fixed priced contract resulting from this solicitation.

2. INVOICES

The Contractor shall submit invoices to the following address:

NASA Shared Services Center (NSSC)
Financial Management Division (FMD) – Accounts Payable
Bldg. 1111, C. Road
Stennis Space Center, MS 39529
Email: NSSC-AccountsPayable@nasa.gov
Fax: 866-209-5415
Reference: Contract # NNS15AA50C

3. PERIOD OF PERFORMANCE

The period of performance of this contract shall be twenty-four (24) months from the date of award.

4. CONTRACT CLAUSES

A. FEDERAL ACQUISITION REGULATION (48CFR CHAPTER 1) CLAUSES (<https://www.acquisition.gov/far/>):

The following FAR clauses are included by reference:

52.204-7	System for Award Management (Jul 2013)
52.212-4	Contract Terms and Conditions -- Commercial Items (Dec 2014)
52.216-1	Type of Contract (Apr 1984)
52.223-5	Pollution Prevention and Right-to-Know Information (May 2011)
52.232-17	Interest (May 2014)
52.232-23	Assignment of Claims (May 2014)
52.233-3	Protest after Award (Aug 1996)
52.237-2	Protection of Government Buildings, Equipment, and Vegetation (Apr 1984)

The following FAR clauses are included in full text:

52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS -- COMMERCIAL ITEMS (DEC 2014)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses, which are 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 (Dec 2014)

(2) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

Alternate I (AUG 2007) of 52.222-50 (22 U.S.C. 7104(g)).

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

(4) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) (Public Laws 108-77, 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:

[Contracting Officer check as appropriate.]

(1) 52.203-6, Restrictions on Subcontractor Sales to the Government (Sept 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 (Apr 2010) (41 U.S.C. 3509).

(3) 52.203-15, Whistleblower Protections under the American Recovery and Reinvestment Act of 2009 (Jun 2010) (Section 1553 of Pub 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 (Jul 2013) (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 (Aug 2013) (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) 52.209-10, Prohibition on Contracting with Inverted Domestic Corporations (May 2012) (section 738 of Division C of Public Law 112-74, section 740 of Division C of Pub. L. 111-117, section 743 of Division D of Pub. L. 111-8, and section 745 of Division D of Pub. L. 110-161).

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

(ii) Alternate I (Nov 2011).

(iii) Alternate II (Nov 2011).

(15) (i) 52.219-7, Notice of Partial Small Business Set-Aside (June 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 2014) (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 2014) 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).

 (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 Economically Disadvantaged Women-Owned Small Business (EDWOSB) Concerns (Jul 2013) (15 U.S.C. 637(m)).

 (24) 52.219-30, Notice of Set-Aside for Women-Owned Small Business (WOSB) Concerns Eligible Under the WOSB Program (Jul 2013) (15 U.S.C. 637(m)).

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

 X (26) 52.222-19, Child Labor—Cooperation with Authorities and Remedies (Jan 2014) (E.O. 13126).

 X (27) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).

 X (28) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).

 X (29) 52.222-35, Equal Opportunity for Veterans (Jul 2014) (38 U.S.C. 4212).

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

 X (31) 52.222-37, Employment Reports on Veterans (Jul 2014) (38 U.S.C. 4212).

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

 (33) 52.222-54, Employment Eligibility Verification (Aug 2013). (Executive Order 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.)

 (34) (i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Items (May 2008) (42 U.S.C. 6962(c)(3)(A)(ii)). (Not applicable 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.)

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

 (ii) Alternate I (Jun 2014) of 52.223-13.

___ (36) (i) 52.223-14, Acquisition of EPEAT® -Registered Television (Jun 2014) (E.O.s 13423 and 13514).

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

___ (37) 52.223-15, Energy Efficiency in Energy-Consuming Products (Dec 2007) (42 U.S.C. 8259b).

___ (38) (i) 52.223-16, Acquisition of EPEAT® -Registered Personal Computer Products (Jun 2014) (E.O.s 13423 and 13514).

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

X (39) 52.223-18, Encouraging Contractor Policies to Ban Text Messaging while Driving (Aug 2011) (E.O. 13513).

___ (40) 52.225-1, Buy American--Supplies (May 2014) (41 U.S.C. chapter 83).

___ (41) (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.

___ (42) 52.225-5, Trade Agreements (Nov 2013) (19 U.S.C. 2501, *et seq.*, 19 U.S.C. 3301 note).

X (43) 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).

___ (44) 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).

___ (45) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (Nov 2007) (42 U.S.C. 5150).

___ (46) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov 2007) (42 U.S.C. 5150).

(47) 52.232-29, Terms for Financing of Purchases of Commercial Items (Feb 2002) (41 U.S.C. 4505), 10 U.S.C. 2307(f)).

 (48) 52.232-30, Installment Payments for Commercial Items (Oct 1995) (41 U.S.C. 4505, 10 U.S.C. 2307(f)).

 X (49) 52.232-33, Payment by Electronic Funds Transfer— System for Award Management (Jul 2013) (31 U.S.C. 3332).

 (50) 52.232-34, Payment by Electronic Funds Transfer—Other Than System for Award Management (Jul 2013) (31 U.S.C. 3332).

 (51) 52.232-36, Payment by Third Party (May 2014) (31 U.S.C. 3332).

 (52) 52.239-1, Privacy or Security Safeguards (Aug 1996) (5 U.S.C. 552a).

 (53) (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:

[Contracting Officer check as appropriate.]

 X (1) 52.222-41, Service Contract Labor Standards (May 2014) (41 U.S.C. chapter 67.).

 X (2) 52.222-42, Statement of Equivalent Rates for Federal Hires (May 2014) (29 U.S.C. 206 and 41 U.S.C. chapter 67).

 (3) 52.222-43, Fair Labor Standards Act and Service Contract Labor Standards -- Price Adjustment (Multiple Year and Option Contracts) (May 2014) (29 U.S.C.206 and 41 U.S.C. chapter 67).

 X (4) 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).

 (5) 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).

 (6) 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).

 (7) 52.222-17, Nondisplacement of Qualified Workers (May 2014) (E.O. 13495).

___ (8) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (May 2014) (42 U.S.C. 1792).

___ (9) 52.237-11, Accepting and Dispensing of \$1 Coin (Sep 2008) (31 U.S.C. 5112(p)(1)).

___ (10) 52.222-55, Minimum Wages Under Executive Order 13658 (Dec 2014)(Executive Order 13658).

(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 of the 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 (Apr 2010) (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 \$650,000 (\$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 (1) of FAR clause 52.222-17.
- (iv) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).
- (v) 52.222-35, Equal Opportunity for Veterans (Jul 2014) (38 U.S.C. 4212).
- (vi) 52.222-36, Equal Opportunity for Workers with Disabilities (Jul 2014) (29 U.S.C. 793).
- (vii) 52.222-37, Employment Reports on Veterans (Jul 2014) (38 U.S.C. 4212).
- (viii) 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.
- (ix) 52.222-41, Service Contract Labor Standards (May 2014), (41 U.S.C. chapter 67).
- (x) 52.222-50, Combating Trafficking in Persons (Feb 2009) (22 U.S.C. 7104(g)).
 - ___ Alternate I (Aug 2007) of 52.222-50 (22 U.S.C. 7104(g)).
- (xi) 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.)
- (xii) 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)
- (xiii) 52.222-54, Employment Eligibility Verification (Aug 2013).
- (xiv) 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).
- (xv) 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.
- (xvi) 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.
- (xvii) 52.222-55, Minimum Wages Under Executive Order 13658 (Dec 2014)(Executive Order 13658).

(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)

52.232-99 PROVIDING ACCELERATED PAYMENT TO SMALL BUSINESS SUBCONTRACTORS (AUG 2012) (DEVIATION)

This clause implements the temporary policy provided by OMB Policy Memorandum M-12-16, Providing Prompt Payment to Small Business Subcontractors, dated July 11, 2012.

(a) Upon receipt of accelerated payments from the Government, the contractor is required to make accelerated payments to small business subcontractors to the maximum extent practicable after receipt of a proper invoice and all proper documentation from the small business subcontractor.

(b) Include the substance of this clause, including this paragraph (b), in all subcontracts with small business concerns.

(c) The acceleration of payments under this clause does not provide any new rights under the Prompt Payment Act.

(End of clause)

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): Federal Acquisition Regulation (FAR) clauses: <https://www.acquisition.gov/far/>; NASA FAR Supplement (NFS) clauses: <http://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm>.

(End of clause)

B. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48CFR CHAPTER 18) CLAUSES (<http://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm>):

The following NFS clauses are included by reference:

- 1852.215-84 Ombudsman (Nov 2011)
- 1852.219-76 NASA 8 Percent Goal (Jul 1997)
- 1852.203-71 Requirement to Inform Employees of Whistleblower Rights (Aug 2014)
- 1852.223-72 Safety and Health (Short Form) (Apr 2002)
- 1852.223-75 Major Breach Safety & Security (Feb 2002); Alternate I (Feb 2006)
- 1852.225-70 Protest to NASA (Oct 2005)
- 1852.237-72 Access to Sensitive Information (Jun 2005)
- 1852.237-73 Release of Sensitive Information (Jun 2005)
- 1852.242-72 Observance of Legal Holidays (Aug 1992)

The following NFS clause is included in full text:
1852.216-78 FIRM FIXED PRICE (DEC 1988)

The total firm-fixed price of this contract is \$_____.

(End of Clause)

5. POINTS OF CONTACT

NASA SSC Contract Specialist
Cheryl A. Timko/DA20
Phone: 228-688-3599
E-mail: Cheryl.A.Timko@nasa.gov

NASA SSC Technical Representative
Fernando Figueroa/EA31
Phone: 228-688-2482
Email: Fernando.Figueroa@nasa.gov

6. LIST OF ATTACHMENT(S)

The following documents are attached hereto and made a part of this award:

<u>Attachment No.</u>	<u>Description/Title</u>	<u>Date</u>	<u>Pages</u>
1	Statement of Work	N/A	5
2	Solicitation Provisions	N/A	22
3	Contractors Proposal	TBD	TBD

NOTE: Contractor's proposal shall be incorporated by reference and deemed to be an attachment to any resulting contract.

Statement of Work

Summary

Integrated System Health Management (ISHM) and Autonomous Control (AC) capabilities are being implemented using the NASA toolkit developed with the G2 Bundle programming environment (G2/Syncure). The core implementation is based on creating the ISHM Domain Model (ISHM-DM) and the AC Domain Model (AC-DM) of the system. The ISHM-DM incorporates data, information, and knowledge (DIAK) needed to achieve ISHM capability; within an architecture that enables integrated use of DIAK by a system defined in terms of intelligent sensors and components. The AC-DM incorporates the ISHM-DM and includes AC domain knowledge needed for autonomous operation. Efforts for the first delivery will concentrate on updating/modifying the NASA Toolkit modularization and documentation to improve usability, defining a software standard for development of a certifiable product for launch systems, defining the software architecture, and starting the creation of domain models.

Domain for Implementation

ISHM and AC capabilities of the NASA Toolkit will be used to develop a domain model of a mobile launch and vehicle systems at Kennedy Space Center (KSC); and/or other similar NASA systems.

Functional Capabilities

The implementation will embody the following capabilities:

1. Update/modularize toolkit to improve usage for fast development of ISHM and AC application domain models.
2. ISHM and AC Domain Models using the NASA ISHM Toolkit (G2/Syncure).
 - a. Update to include new elements such as pumps. All system elements represented (sensors and components).
 - b. Include TEDS for sensors and components, to be uploaded from a file or database, or inserted manually.
 - c. Determination of sensor anomaly indicators (some indicators provided externally) and use of this information in assessing sensor and component health within the ISHM domain model.
 - d. Validate experimentally visualization of fluids in piping, based on valve state and interconnectivity (representing actual location of fluids). This capability exists, but needs to be adapted to different user interfaces for the new domain model.
 - e. Streaming of data and signals from a file, and from an Ethernet Bus (TCP/IP and UDP ... or other).
 - f. User interfaces: Design and develop user interfaces with minimum display area and maximum effectiveness for launch operations.

- g. Leak Detection on isolated subsystems: Validate experimentally and improve to reduce the suspect set of leak causes.
 - h. Valve condition determination using intelligent sensor information and command signals: Include localized valve physics models for consistency checking.
 - i. Pump condition determination using intelligent sensor information and command signals: Include localized pump physics models for consistency checking.
 - j. Generic component condition determination using intelligent sensor information and command signals: Include localized component physics models for consistency checking.
 - k. Redline/Blueline management.
 - i. Visualization and report generation.
 - l. Interlocks management (similar to the redline/blueline management capability).
 - i. Visualization and report generation.
 - m. Root-cause tree implementation of Failure Modes and Effects Analysis (FMEA) focused on determining health of sensors and components (50-100 cases expected).
 - i. Include localized physics or other models for consistency checking leading to anomaly detection, diagnostics, and isolation.
 - ii. Visualization and report generation. Navigation to items of interest related to a FMEA event.
 - n. AC Sequence Creation capability: Advance the current implementation to enable incorporation of a wide range of conditions such as physics models and reasoning.
 - o. AC Sequence Execution capability: Validate during testing and refine to address requirements of advanced systems.
 - p. AC Concept of Operations: Develop a concept of operations that makes optimum use of AC and ISHM capabilities. Validate and improve based on tests.
3. Management of measurements, configuration, and health information.
- a. Store measurements, configuration (TEDS), and health information in a database and/or file.
 - b. Use a browser to analyze information including history of anomalies superimposed on measurements.
4. Immediate Re-Run of test or operations from a file and/or database, with tools to aide in review and analysis operations.
5. Validate system during tests.
- a. Validate all functionality during tests.
 - b. Assist in evaluation of the capability and tools.
 - c. Make refinements based on feedback from tests.
6. Documentation.
- a. Design document.
 - b. Operations document.
 - c. Validation document describing system and validated capabilities during tests.
7. Software Requirements.

- a. The contractor shall submit a software configuration control plan for the government to review and approve. This plan shall address version control of the software development process.
- b. The contractor shall deliver the software, and its source code in its native format, via a CD or USB drive that can be copied to a computer running at minimum a Windows 7 operating System.
- c. The contractor shall comply with the requirements of NPR 7150.2, Class C. In order to do so, the contractor must concur with this classification by providing the appropriate signatures as indicated on the attached Software Assurance Classification Report (SSC Form-809) form. Appendix E of NPR 7150.2 contains the definitions for software classifications. The contractor's proposal shall address the proposed method of compliance with NPR 7150.2 for Class C requirements.

Tasks and Schedule for the Initial Delivery

Total effort estimate: 350 person-hours and 5 weeks on-site support.

Task		FY15-Q3	FY15-Q4	FY16-Q1
1	<p>Support on-site to organize and document the NASA G2 Toolkit to make it suitable for easy use to implement the APL project (Autonomous Propellant Loading) and other future NASA projects. Emphasis on ISHM toolkit capabilities such as leak detection, valve inconsistency management, sensor anomaly detection, FMEA. Deliverables: documentation and code modification with the NASA Team, two weeks on-site support.</p> <p>(Effort Estimate: 125 person/hours).</p>	██████████		
2	<p>Coding and coding support to implement the Autonomous Propellant Loading (APL)</p>		████████████████████	

	<p>project, emphasizing generic toolkit code such as gateway interfaces and user interfaces.</p> <p>Deliverables: code development support to the NASA Team, three weeks on-site support.</p> <p>(Effort Estimate: 100 person/hours).</p>			
3	<p>Support in adhering to a software development standard and documentation for G2, leading to a NASA certification as Class C critical.</p> <p>Deliverables: support for code development and documentation to the NASA Team.</p> <p>(Effort Estimate: 75 person/hours).</p>			
4	<p>Support creation of documentation: System description and operation instructions.</p> <p>(Effort Estimate: 50 person/hours).</p>			

Qualifications of Provider

1. Expertise and extensive experience developing applications in G2 and Symcure (4 or more years).
2. Expertise and experience developing applications with the NASA Stennis ISHM Toolkit, including its autonomous control capabilities (developed using G2 and symcure, more than 1.5 years of experience).
3. Experience and understanding of NASA's ground/spacecraft cryogenic-fluid management systems (4 or more years).

4. Experience and knowledge about the field of Integrated System Health Management (ISHM) as per project carried out, publications, and participation in conferences.
5. Experience and knowledge about the field of Autonomous Control (AC) as per project carried out, publications, and participation in conferences.
6. Familiarity and ability to integrate NASA Stennis' Virtual Intelligent Sensor Environment (VISE).
7. Familiarity and ability to integrate NASA Stennis' Health Assessment Data System (HADS).
8. Ability to meet the schedule and do on-site work as needed to achieve goals.
9. Developers must be eligible to be badged to work locations at NASA Kennedy Space Center and NASA Stennis Space Center, while meeting security and ITAR requirements.

***SOLICITATION PROVISIONS**

A. FEDERAL ACQUISITION REGULATION (48 CFR Chapter 1)

(<https://www.acquisition.gov/far/>):

The following FAR provision is included by reference:

52.233-2 Service of Protest (Sep 2006) Fill In: (John C. Stennis Space Center, Office of Procurement/DA00, Bldg 1100, Rm 251H, Stennis Space Center, MS 39529-6000)

The following FAR provisions are included in full text:

52.212-1 – INSTRUCTIONS TO OFFERORS – COMMERCIAL ITEMS (APR 2014)

Paragraph (a) thru (l) are incorporated by reference, the following paragraphs (A) thru (C) are incorporated as an ADDENDA FAR 52.212-1:

(c) *Period for acceptance of offers.* Replace with the following: *Period for acceptance of offers.* The offeror agrees to hold the prices in its offer firm for 60 calendar days from the date specified for receipt of offers.

The following **ADDENDA TO FAR 52.212-1** are incorporated:

ADDENDA TO 52.212-1 – INSTRUCTIONS TO OFFERORS – COMMERCIAL ITEMS

(A) LIST OF REQUIRED DOCUMENTS - The following is a list of required documents provided for the Offeror's convenience. There may be other documents, either required or necessary for effective evaluation, which do not appear on this list. It is the offeror's responsibility to ensure that the proposal submitted is complete in every respect and not rely solely on this list to prepare its proposal.

1. Completed SF 1449 (Blocks 12, 17a, 17b, 23, 24, 30a, 30b, 30c, as applicable)
2. Technical Acceptability Section of Proposal
3. Price Section of Proposal
4. Financial Institution reference correspondence
5. Documentation of compliance with veterans reporting
6. Documentation of compliance with Small Business Requirements
7. Offeror Representations and Certifications (Part V); IAW 52.212-3, Offerors are required to electronically provide Representation and Certifications via the BPN website at <http://orca.bpn.gov> prior to submitting offer or complete the representation and certifications in this solicitation and submit as part of its proposal package
8. Acknowledgment of all amendments, if applicable

(B) EVALUATION CRITERIA SUBMISSION REQUIREMENTS -**1. TECHNICAL ACCEPTABILITY –RATED AS PASS/FAIL**

a. TECHNICAL ACCEPTABILITY information shall include submission of documented expertise and experience in the following:

- Expertise and extensive experience developing applications in G2 and Symcure (4 or more years).
- Expertise and experience developing applications with the NASA Stennis ISHM Toolkit, including its autonomous control capabilities (developed using G2 and Symcure) (more than 1.5 years of experience).
- Experience and understanding of NASA's ground/spacecraft cryogenic-fluid management systems (4 or more years).

Proposals shall be clear and concise, and shall include sufficient detail for effective evaluation and substantiation of stated claims. The proposal shall not simply affirm, rephrase, or restate the Government's requirements, but rather shall provide convincing rationale to address how the offeror's technical experience and expertise meets the requirements. Offerors shall assume that the Government has no prior knowledge of their products, facilities, or experience, and will base its evaluation only on the information presented in the offeror's proposal. Elaborate brochures or documentation, detailed artwork, or other superfluous embellishments are unnecessary and are not desired. Offerors are advised that existing product literature may be submitted in lieu of unique technical proposals so long as it conforms to the requirements of the solicitation and contains adequate detail for purposes of evaluation. The information provided shall comprehensively explain how offeror proposes to comply with the Statement of Work.

b. DELIVERY SCHEDULE – RATED AS PASS/FAIL

Delivery Schedule information shall include documentation that clearly demonstrates the offeror's ability to meet the Government's schedule for the initial delivery of each task.

2. PRICE - This procurement is exempt from the requirements of submission or certification of cost or pricing data. However, offeror is to provide a breakdown of pricing that identifies a price **total** for all four tasks, including a price for **each** task. The estimated total number of hours to complete tasks one through four is provided in the Statement of Work. (i.e. labor, equipment, materials, subcontracts, transportation, overhead, G&A, Profit, etc.) Should significant subcontractors be involved, the pricing breakdown shall identify the pricing associated with each subcontractor. Offeror shall identify and document all (if any) assumptions, conditions, and/or exceptions upon which the price is based. Any assumptions, conditions, and/or exceptions considered by the Government to be unacceptable may result in elimination for an award.

(C) FORMAT -

1. In order for the Government to make an affirmative responsibility determination, offeror is to provide correspondence from its financial institution indicating offeror's financial capabilities.

2. Signed offer(s) may be submitted electronically via e-mail to Cheryl.A.Timko@nasa.gov (cc: Gerald.L.Norris@nasa.gov by the date specified on page 1 in Block 8 of the SF 1449.

3. All information and all copies of offer must be submitted no later than the date and time specified on page 1 in Block 8 of the SF 1449. Proposals that arrive after the prescribed date and time specified for receipt of proposals will be considered late and treated in accordance with FAR 52.212-1(f)(2).

(D) VIETNAM ERA VETERANS' READJUSTMENT ACT OF 1972 (VEVRAA) -

1. Federal contracting agencies are prohibited from obligating or expending funds to enter into a contract covered by the VEVRAA with a contractor from which a VETS-100 or VETS-100A Report was required with respect to the previous fiscal year if such contractor did not submit such report (31 U.S.C. 1354). The VEVRAA regulations generally apply to Government contracts entered into on or after December 1, 2003 in the amount of \$100,000 or more; contracts are not aggregated to reach the coverage threshold. Frequently Asked Questions (FAQs) regarding this topic may be found at <http://www.dol.gov/vets/vets-100.html>.

2. Contractors subject to reporting shall submit as verification of reporting compliance a copy of the confirmation notification received upon the successful submission of its VETS-100 and/or VETS-100A report(s). If offeror has not had contracts subject to VEVRAA reporting, it shall so affirm in its offer.

(E) QUESTIONS - Questions regarding the solicitation and/or specifications are encouraged to ensure adequate understanding of the government's requirement. All offeror questions regarding subject solicitation must be submitted no later than 3pm local time (Central) on March 19, 2015. Questions submitted after this date/time will not be accepted. Questions will be accepted via e-mail only to: Cheryl.A.Timko@nasa.gov (cc: Gerald.L.Norris@nasa.gov). Faxed or telephoned questions will not be accepted. In no event shall an offeror's failure to clarify the requirements of the solicitation constitute grounds for a protest before or after award or a claim after contract award.

(F) SMALL BUSINESS REQUIREMENTS - Offerors shall address the non-manufacturer and ostensible relationship rules in their proposal and demonstrate compliance with the performance requirements therein.

(G) PROPOSAL COSTS - The Government will not pay any offeror for preparation of their proposal.

(H) TECHNICAL EVALUATION CONTRACTOR SUPPORT -

1. Offerors are hereby informed that a John C. Stennis Space Center (SSC) onsite Contractor may provide technical assistance to the NASA proposal evaluation team, and, as such, may require access to offeror's proposal. The SSC Contractor will not be evaluating proposals, but will play an integral supporting role in the technical evaluation by providing technical input to be used by the NASA evaluation team. The final technical evaluation results shall be the responsibility of the NASA Technical Evaluation Team.

2. By submitting a proposal in response to this solicitation, offeror is acknowledging awareness of this fact. Offeror further acknowledges approval and acceptance of the technical assistance approach identified above and agrees that NASA may release to its service providers, their subcontractors, and their individual employees, sensitive information submitted during the course of this procurement.

3. Submission of an offer in response to this Request for Proposal (RFP) provides consent for the Government to utilize the proposal in accordance with the technical evaluation procedures identified herein.

52.212-2 EVALUATION--COMMERCIAL ITEMS (OCT 2014)

(a) The Government will award a contract resulting from this solicitation to the responsible offeror whose offer conforming to the solicitation will be most advantageous to the Government, price and other factors considered. The following factors shall be used to evaluate offers:

Selection for award shall be made on a Low Price Technically Acceptable (LPTA) basis, where award will be made to the Offeror having a Technically Acceptable proposal and offering the lowest evaluated price.

Technical acceptability will be evaluated from information submitted by the offeror, which must provide sufficient detail to determine that the performance of services offered meets the Government's requirements in terms of:

- Expertise and extensive experience developing applications in G2 and Symcure (4 or more years).
- Expertise and experience developing applications with the NASA Stennis ISHM Toolkit, including its autonomous control capabilities (developed using G2 and Symcure) (more than 1.5 years of experience).
- Experience and understanding of NASA's ground/spacecraft cryogenic-fluid management systems (4 or more years).

Delivery schedule (demonstrates ability to meet the Tasks and Schedule for the Initial Delivery as described in the Statement of Work).

The government will evaluate offeror's proposed price for reasonableness in accordance with FAR 12 and 15 for determining the lowest evaluated fair and reasonable price to the Government.

(b) Options. N/A

(c) A written notice of award or acceptance of an offer, mailed or otherwise furnished to the successful offeror within the time for acceptance specified in the offer, shall result in a binding contract without further action by either party. Before the offer's specified expiration time, the Government may accept an offer (or part of an offer), whether or not there are negotiations after its receipt, unless a written notice of withdrawal is received before award.

(End of Provision)

52.212-3 OFFEROR REPRESENTATIONS AND CERTIFICATIONS - COMMERCIAL ITEMS (DEC 2014), ALTERNATE I (OCT 2014)

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 accessed through <http://www.acquisition.gov>. If the Offeror has not completed the annual representations and certifications electronically, the Offeror shall complete only paragraphs (c) through (p) 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 Federal Supply Classes (FSC) 1000-9999, except—

- (1) FSC 5510, Lumber and Related Basic Wood Materials;
- (2) Federal Supply Group (FSG) 87, Agricultural Supplies;
- (3) FSG 88, Live Animals;
- (4) FSG 89, Food and Related Consumables;
- (5) FSC 9410, Crude Grades of Plant Materials;
- (6) FSC 9430, Miscellaneous Crude Animal Products, Inedible;
- (7) FSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
- (8) FSC 9610, Ores;
- (9) FSC 9620, Minerals, Natural and Synthetic; and

(10) FSC 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 (p) 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 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)(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 \$3,000 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

Listed End Product:	Listed Countries of Origin:

(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.

(l) *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 (l)(3) through (l)(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 _____

TIN _____

(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.* By submission of its offer, the offeror represents that—

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

(ii) It 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 \$3,000 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/t11sdn.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.

(p) *Ownership or Control of Offeror.* (Applies in all solicitations when there is a requirement to be registered in SAM or a requirement to have a DUNS Number in the solicitation.)

(1) The Offeror represents that it has or does not have an immediate owner. If the Offeror has more than one immediate owner (such as a joint venture), then the Offeror shall respond to paragraph (2) and if applicable, paragraph (3) of this provision for each participant in the joint venture.

(2) If the Offeror indicates "has" in paragraph (p)(1) of this provision, enter the following information:

Immediate owner CAGE code: _____

Immediate owner legal name: _____

(Do not use a "doing business as" name)

Is the immediate owner owned or controlled by another entity:

Yes or No.

(3) If the Offeror indicates "yes" in paragraph (p)(2) of this provision, indicating that the immediate owner is owned or controlled by another entity, then enter the following information:

Highest level owner CAGE code: _____

Highest level owner legal name: _____

(Do not use a "doing business as" name)

(End of Provision)

52.222-22 PREVIOUS CONTRACTS AND COMPLIANCE REPORTS (FEB 1999)

The offeror represents that –

- (a) It has, has not participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation;
- (b) It has, has not filed all required compliance reports; and
- (c) Representations indicating submission of required compliance reports, signed by proposed subcontractors, will be obtained before subcontract awards.

(End of Provision)

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): Federal Acquisition Regulation (FAR) clauses: <https://www.acquisition.gov/far/>; NASA FAR Supplement (NFS) clauses: <http://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm>

(End of Provision)

B. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48CFR CHAPTER 18) PROVISIONS (<http://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm>):

The following NFS provision is included by reference:
1852.233-70 Protest to NASA (Oct 2002)

* Solicitation Provisions are included for solicitation purposes only. They will be physically removed from any resultant award, but will be deemed to be incorporated by reference in the award.