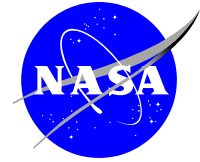


National Aeronautics
and Space Administration

NASA Shared Services Center
Stennis Space Center, MS 39529-6000



9/10/2020

SUBJECT: Request for Quotation (RFQ) 80NSSC20737332Q, Purchase of Lunar Regolith and/or Rock Materials from Contractor

This solicitation includes the following sections:

1. Statement of Work – Section 1
2. Instructions to Offerors – Section 2
3. Solicitation Provisions/Representations and Certifications – Section 3
4. Clauses/Terms and Conditions – Section 4
5. Quote Evaluation Criteria – Section 5

SECTION 1
STATEMENT OF WORK

Lunar Regolith Purchase Request Performance Work Statement

1. Objective/Requirements

NASA is purchasing a quantity of Lunar regolith material from the Contractor. The NASA requirements are as stated in this Performance Work Statement (PWS).

2. Characteristics, Scope, and Specs

A. The Contractor shall:

1. Collect from 50g up to 500g of Lunar regolith and/or rock materials (“Collected Material”) from the surface of the Moon (Luna).
 - a. Be responsible for performing all activities necessary, including:
 1. Determining method(s), providing and or developing equipment, deployment/launch/landing, and operation of all systems the Contractor’s method(s) requires. (this purchase does not include development, production, or launch of space vehicles)
 2. Identify, negotiate, and conclude, all necessary agreements and approvals for the Contractor’s method and all associated systems, personnel, and operations.
2. Provide imagery to NASA of the collection and the Collected Material, and data that identifies the collection location on the Lunar surface.
3. Provide the Collected Material to NASA upon its collection from the Lunar surface by in-place ownership transfer from Contractor to NASA. After ownership transfer the collected material becomes the sole property of NASA for use as NASA may determine.

B. In performance and completion of Part A. the following shall apply:

1. The material(s) may be collected from any location on the Lunar surface as determined by the Contractor.
2. Purchase is made on an “as-collected” condition. The collected materials may be any combination of regolith types, rocks, and/or co-present species such as ices.
3. The Contractor does not need to perform any assessment on the Collected Material. For purposes of determining the mass of the collected materials, an analytical method may be used that uses the average material properties from samples collected by the NASA’s Apollo Program.
4. NASA reserves the right to independently confirm Contractor’s claim of collecting the Collected Materials. If NASA does choose to do so, then NASA will determine and use such independent verification methods that will not interfere with Contractor’s activities.
5. The date on which 2.A.3 is performed is to be determined by the Contractor. The goal is to complete before 2024.
6. The period of time needed to perform the activities in 2.A is to be determined by the Contractor. The goal is to complete before 2024.
7. NASA’s awarded amount of this Contract is not dependent on the quantity of Lunar material collected.

3. Places of Performance

To be determined by the Contractor. Delivery occurs on the Lunar surface.

4. Period of Performance

Period of performance begins with contract award and ends 30 days following Contractor's completion of A.3.

5. List of Government Furnished Property and/or Government Furnished Service

None.

6. Evaluation

Contractor shall describe how this work would be performed in their proposal response to NASA. Award will be on the basis of "low price, technically acceptable".

7. Awards and Payment

A. Payment will be according to the following:

1. 10% upon Contractor completing presentation of a Concept Review with NASA that includes:
 - a. Status of the work towards completing 2.A.
 - b. Identification of major risks to completing the 2.A.3 activity.
 - c. Planned date for completing the 2.A.3 activity.
2. 10% upon launch from Earth of the Contractor's system for this collection mission.
3. 80% upon successful completion of the 2.A.3 activity.

B. NASA may elect to make multiple awards for this work.

SECTION 2
INSTRUCTION TO OFFERORS

☒52.215-1 Instructions to Offerors – Competitive Acquisition (Jan 2017)

Quotes for the item(s) described in the RFQ are due by 10/9/2020 by 1:00 p.m. CT to Philip M. Pearson at Philip.M.Pearson@nasa.gov in order to be considered for award. If it is in the best interest of the Government, quotes submitted after the due date may be accepted. Or equal to products or services can be quoted and will be evaluated to determine if they meet technical acceptability of the requirement(s) in this RFQ. Quotes will remain valid for 30 days unless otherwise expressly stated on the quote. Submitted Quotes shall list two points of contacts including name, phone number, and email address.

All contractual and technical questions must be in writing (e-mail) to Philip M. Pearson at Philip.M.Pearson@nasa.gov no later than 10/2/2020 by 1:00 p.m. CT. Telephone questions shall not be accepted.

The NAICS Code for this procurement is 481212. The Offeror shall state in their offer their size status for this procurement.

This procurement is full and open competition.

Offeror's shall be registered at www.sam.gov and have the NAICS code listed above in order to be considered for award.

Submitted offers shall be F.O.B Destination for this procurement. Offers submitted on a basis other than F.O.B, Destination will be rejected as non-responsive.

SECTION 3
SOLICITATION PROVISION/REPRESENTATIONS AND
CERTIFICATIONS

☒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):

FAR <http://farsite.hill.af.mil/vffara.htm>
NFS <http://farsite.hill.af.mil/vfnasaa.HTM>

FEDERAL ACQUISITION REGULATION (FAR) PROVISIONS INCORPORATED BY REFERENCE:

- ☒52.204-07 System for Award Management (Oct 2018)
- ☒52.204-16 Commercial and Government Entity Code Reporting (Jul 2016)
- ☒52.204-17 Ownership or Control of Offeror (Jul 2016)
- ☒52.204-24 Representation Regarding Certain Telecommunications and Video Surveillance Services or Equipment (Aug 2020)
- ☒52.209-02 Prohibition on Contracting with Inverted Domestic Corporations – Representation (Nov 2015)
- ☒52.225-25 Prohibition on Contracting with Entities Engaging in Sanctioned Activities Or Transactions Relating to Iran – Representation and Certifications (Aug 2018)
- ☐52.223-1 Biobased Product Certification (May 2012)
- ☐52.211-6 Brand Name Or Equal (Aug 1999)

NASA FAR SUPPLEMENT (NFS) PROVISIONS INCORPORATED BY REFERENCE:

- 1852.227-71 Requests for Waiver of Rights to Inventions (Apr 2015)
- 1852.227-84 Patent Rights Clauses (Apr 2015)

NFS AND FAR PROVISIONS IN FULL TEXT:

52.204-8 Annual Representations and Certifications (Mar 2020)

(a)

(1) The North American Industry classification System (NAICS) code for this acquisition is 481212.

(2) The small business size standard is 1,500.

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

(b)

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

(2) If the provision at 52.204-7 is not included in this solicitation, and the offeror is currently registered in the System for Award Management (SAM), and has completed the Representations and Certifications section of SAM electronically, the offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certification in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes:

(i) Paragraph (d) applies.

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

(c)

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

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

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

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

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

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

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

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

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

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

(B) Exceed the simplified acquisition threshold; and

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Contracting Officer check as appropriate.]

(i) 52.204-17, Ownership or Control of Offeror.

(ii) 52.204-20, Predecessor of Offeror.

(iii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.

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

(v) 52.222-52 Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Certification.

(vi) 52.223-9, with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (Alternate I only).

(vii) 52.227-6, Royalty Information.

(A) Basic.

(B) Alternate I.

(viii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.

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

FAR Clause	Title	Date	Change

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

(End of Provision)

☒ 1852.213-70 OFFEROR REPRESENTATIONS AND CERTIFICATIONS—OTHER THAN COMMERCIAL ITEMS (JUL 2004)

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

"Emerging small business" means a small business concern whose size is no greater than 50 percent of the numerical size standard for the NAICS code designated.

"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.

"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.

"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 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.

(b) Taxpayer Identification Number (TIN) (26 U.S.C. 6109, 31 U.S.C. 7701).

(1) All offerors must submit the information required in paragraphs (b)(3) through (b)(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 relationships 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 _____.

(c) Offerors must complete the following representations when the resulting contract will 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, for general statistical purposes, 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.

(6) *Small Business Size for the Small Business Competitiveness Demonstration Program and for the Targeted Industry Categories under the Small Business Competitiveness Demonstration Program.* [Complete only if the offeror has represented itself to be a small business concern under the size standards for this solicitation.]

(i) [Complete only for solicitations indicated as being set-aside for emerging small businesses in one of the four designated industry groups (DIGs).] The offeror represents as part of its offer that it is, is not an emerging small business.

(ii) [Complete only for solicitations indicated as being for one of the targeted industry categories (TICs) or four designated industry groups (DIGs).] Offeror represents as follows:

(A) Offeror's number of employees for the past 12 months (check the Employees column if size standard stated in the solicitation is expressed in terms of number of employees); or

(B) Offeror's average annual gross revenue for the last 3 fiscal years (check the Average Annual Gross Number of Revenues column if size standard stated in the solicitation is expressed in terms of annual receipts).

(Check one of the following):

NUMBER OF EMPLOYEES	AVERAGE ANNUAL GROSS REVENUES
<input type="checkbox"/> 50 or fewer	<input type="checkbox"/> \$1 million or less
<input type="checkbox"/> 51-100	<input type="checkbox"/> \$1,000,001--\$2 million
<input type="checkbox"/> 101-250	<input type="checkbox"/> \$2,000,001--\$3.5 million
<input type="checkbox"/> 251-500	<input type="checkbox"/> \$3,500,001--\$5 million
<input type="checkbox"/> 501-750	<input type="checkbox"/> \$5,000,001--\$10 million
<input type="checkbox"/> 751-1000	<input type="checkbox"/> \$10,000,001--\$17 million
<input type="checkbox"/> Over 1000	<input type="checkbox"/> Over \$17 million

(7) *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 change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR Part 126; and

(ii) It is, is not a joint venture that complies with the requirements of 13

CFR Part 126, and the representation in paragraph (c)(7)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. [The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture: _____.] Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(8) (Complete if dollar value of the resultant contract is expected to exceed \$25,000 and 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, U.S. Trust Territory of the Pacific Islands (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) *Buy American Act Certificate.* (Applies only if the clause at Federal Acquisition Regulation (FAR) [52.225-1](#), Buy American Act—Supplies, is included in this solicitation.)

(1) The offeror certifies that each end product, except those listed in paragraph (e)(2) of this provision, is a domestic end product and that 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. The terms “component,” “domestic end product,” “end product,” “foreign end product,” and “United States” are defined in the clause of this solicitation entitled “Buy American Act—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](#).

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

(i) The offeror certifies that each end product, except those listed in paragraph (f)(1)(ii) or (f)(1)(iii) of this provision, is a domestic end product and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The terms “component,” “domestic end product,” “end product,” “foreign end product,” and “United States” are defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreements--Israeli Trade Act".

(ii) The offeror certifies that the following supplies are FTA country end products or Israeli end products as defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreements--Israeli Trade Act":

FTA Country 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 (f)(1)(ii) of this provision) as defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreement—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.

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 Act--Free Trade Agreements--Israeli Trade Act Certificate, Alternate I* (JAN 2004). If Alternate I to the clause at [FAR 52.225-3](#) is included in this solicitation, substitute the following paragraph (f)(1)(ii) for paragraph (f)(1)(ii) of the basic provision:

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

Canadian End Products:

Line Item No.

(List as necessary)

(3) *Buy American Act--Free Trade Agreements--Israeli Trade Act Certificate, Alternate II* (JAN 2004). If Alternate II to the clause at [FAR 52.225-3](#) is included in this solicitation, substitute the following paragraph (f)(1)(ii) for paragraph (f)(1)(ii) of the basic provision:

(f)(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 Act--Free Trade Agreements--Israeli Trade Act":

Canadian or Israeli End Products:

LINE ITEM NO.

COUNTRY OF ORIGIN

[List as necessary]

(4) *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 (f)(4)(ii) of this provision, is a U.S.-made, designated country, Caribbean Basin country, or FTA 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, designated country, Caribbean Basin country, or FTA 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 subject to the Trade Agreements Act, the Government will evaluate offers of U.S.-made, designated country, Caribbean Basin country, or FTA country end products without regard to the restrictions of the Buy American Act. The Government will consider for award only offers of U.S.-made, designated country, Caribbean Basin country, or FTA 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.

(g) *Certification Regarding Knowledge of Child Labor for Listed End Products (Executive Order 13126).* [The Contracting Officer must list in paragraph (g)(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 [FAR 22.1503\(b\)](#).]

(1) *Listed end products.*

Listed End Product	Listed Countries of Origin
_____	_____
_____	_____
_____	_____

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

(i) The offeror will not supply any end product listed in paragraph (g)(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 (g)(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.

(End of provision)

1852.213-71 Evaluation--Other Than Commercial Items.(JUN 2002)

(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:

Contracting Officer shall insert the evaluation factors, such as (i) technical capability of the item offered to meet the Government requirement; (ii) price; (iii) past performance (see [FAR 15.304](#)).

(b) *Options.* The Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirement. The Government may determine that an offer is unacceptable if the option prices are significantly unbalanced. Evaluation of options shall not obligate the Government to exercise the option(s).

(End of provision)

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

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

FEDERAL ACQUISITION REGULATION (FAR) CLAUSES INCORPORATED BY REFERENCE:

- 52.204-9 Personal Identity Verification of Contractor Personnel (Jan 2011)
- 52.204-13 System for Award Management Maintenance (Oct 2018)
- 52.204-18 Commercial and Government Entity Code Maintenance (Jul 2016)
- 52.219-6 Notice of Total Small Business Set-Aside (Mar 2020)
- 52.219-28 Post-Award Small Business Program Re-representation (Mar 2020)
- 52.223-2 Affirmative Procurement of Biobased Products Under Service and Construction Contracts (Sep 2013)
- 52.223-3 Hazardous Material Identification and Material Safety Data. (Jan 1997) with Alternate I (Jul 1995)
- 52.223-18 Encouraging Contractor Policies to Ban Text Messaging While Driving (Aug 2011)
- 52.227-1 Authorization and Consent. (Dec 2007) – Alternate I (Apr 1984)
- 52.227-2 Notice and Assistance Regarding Patent and Copyright Infringement. (Dec 2007)

- 52.232-2 Payments under Fixed-Price Research and Development Contracts. (Apr 1984)
- 52.232-9 Limitation on Withholding of Payments (Apr 1984)
- 52.243-1 Changes – Fixed-Price (AUG 1987) – Alternate V (Apr 1984)
- 52.245-1 Government Property (Jan 2017)
- 52.246-9 Inspection of Research and Development (Apr 1984)
- 52.249-1 Termination for Convenience for Convenience of the Government (Fixed-Price) (Short-Form) (Apr 1984)
- 52.249-9 Default (Fixed-Price Research and Development) (Apr 1984)
- 52.247-34 F.o.b. Destination (Nov 1991)

NASA FAR SUPPLEMENT (NFS) CLAUSES INCORPORATED BY REFERENCE:

- 1852.203-71 Requirements to Inform Employees of Whistleblower rights (Aug 2014)
- 1852.204-75 Security Classification Requirements (Sep 1989)
- 1852.204-76 Security Requirements for Unclassified Information Technology Resources (Jan 2011)
- 1852.223-72 Safety and Health (Short Form) (Jul 2015)
- 1852.223-75 Major Breach of Safety or Security (Feb 2002) with Alternate I (FEB 2006)
- 1852.227-11 Patent Rights – Ownership by the Contractor (Apr 2015)
- 1852.227-86 Commercial Computer Software-Licensing (Apr 2015)
- 1852.227-70 New Technology- Other than a Small Business Firm or Nonprofit Organization (Apr 2015)
- 1852.227-72 Designation of New Technology Representative and Patent Representative (Apr 2015)
- 1852.235-70 Center for AeroSpace Information (Dec 2006)
- 1852.235-73 Final Scientific and Technical Reports. (Dec 2006)
- 1852.235-74 Additional Reports of Work – Research and Development (Feb 2003)
- 1852.237-72 Access to Sensitive Information (Jun 2005)
- 1852.237-73 Release of Sensitive Information (Jun 2005)
- 1852.242-72 Denied Access to NASA Facilities (Oct 2015)

□1852.245-76

List of government property furnished pursuant to FAR 52.245-1
(Jan 2011)

NFS AND FAR CLAUSES IN FULL TEXT:

☒1852.215-84 OMBUDSMAN (Nov 2011)

(a) An ombudsman has been appointed to hear and facilitate the resolution of concerns from offerors, potential offerors, and contractors during the preaward and postaward phases of this acquisition. When requested, the ombudsman will maintain strict confidentiality as to the source of the concern. The existence of the ombudsman is not to diminish the authority of the contracting officer, the Source Evaluation Board, or the selection official. Further, the ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of formal contract disputes. Therefore, before consulting with an ombudsman, interested parties must first address their concerns, issues, disagreements, and/or recommendations to the contracting officer for resolution.

(b) If resolution cannot be made by the contracting officer, interested parties may contact the installation ombudsman, whose name, address, telephone number, facsimile number, and e-mail address may be found at: http://prod.nais.nasa.gov/pub/pub_library/Omb.html. Concerns, issues, disagreements, and recommendations which cannot be resolved at the installation may be referred to the Agency ombudsman identified at the above URL. Please do not contact the ombudsman to request copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the Contracting Officer or as specified elsewhere in this document.

(End of Clause)

☒1852.216-78 FIRM FIXED PRICED (Dec 1988)

The total firm fixed price of this contract is **TBD**.

(End of Clause)

☒1852.225-70 EXPORT LICENSES (Feb 2000)

- (a) The Contractor shall comply with all U.S. export control laws and regulations, including the International Traffic in Arms Regulations (ITAR), 22 CFR parts 120-130, and the Export Administration Regulations (EAR), 15 CFR parts 730-799, in the performance of this contract. In the absence of available license exemptions/exceptions, the Contractor shall be responsible for obtaining the appropriate licenses or other approvals, if required, for exports of hardware, technical data, and software, or for the provision of technical assistance.
- (b) The Contractor shall be responsible for obtaining export licenses, if required, before utilizing foreign persons in the performance of this contract, including instances where the work is to be performed on-site at NASA Lyndon B. Johnson Space Center, where the foreign person will have access to export-controlled technical data or software.
- (c) The Contractor shall be responsible for all regulatory record keeping requirements associated with the use of licenses and license exemptions/exceptions.
- (d) The Contractor shall be responsible for ensuring that the provisions of this clause apply to its subcontractors.

(End of clause)

☒52.213-4 Terms and Conditions—Simplified Acquisitions (Other Than Commercial Items). (Jan 2020)

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

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

(i) 52.203-19, Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements (Jan 2017) (section 743 of Division E, Title VII, of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235) and its successor provisions in subsequent appropriations acts (and as extended in continuing resolutions)).

(ii) 52.204-23, Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab and Other Covered Entities (Jul 2018) (Section 1634 of Pub. L. 115-91).

(iii) 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment. (Aug 2019) (Section 889(a)(1)(A) of Pub. L. 115-232).

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

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

(vi) 52.222-26, Equal Opportunity (Sep 2016) (E.O. 11246).

(vii) 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).

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

(ix) 52.233-4, Applicable Law for Breach of Contract Claim (Oct 2004) (Pub. L. 108-77, 108-78 (19 U.S.C. 3805 note)).

(2) Listed below are additional clauses that apply:

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

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

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

(iv) 52.232-25, Prompt Payment (Jan 2017).

(v) 52.232-39, Unenforceability of Unauthorized Obligations (Jun 2013).

(vi) 52.232-40, Providing Accelerated Payments to Small Business Subcontractors (Dec 2013)

(vii) 52.233-1, Disputes (May 2014).

(viii) 52.244-6, Subcontracts for Commercial Items (Aug 2019).

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

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

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

(i) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (Oct 2018) (Pub. L. 109-282) (31 U.S.C. 6101 note) (Applies to contracts valued at \$30,000 or more).

(ii) 52.222-19, Child Labor—Cooperation with Authorities and Remedies (Jan 2020) (E.O. 13126). (Applies to contracts for supplies exceeding the micro-purchase threshold).

(iii) 52.222-20, Contracts for Materials, Supplies, Articles, and Equipment Exceeding \$15,000 (May 2014) (41 U.S.C. chapter 65) (Applies to supply contracts over \$15,000 in the United States, Puerto Rico, or the U.S. Virgin Islands).

(iv) 52.222-35, Equal Opportunity for Veterans (Oct 2015) (38 U.S.C. 4212) (Applies to contracts of \$150,000 or more).

(v) 52.222-36, Equal Employment for Workers with Disabilities (Jul 2014) (29 U.S.C. 793) (Applies to contracts over \$15,000, unless the work is to be performed outside the United States by employees recruited outside the United States.) (For purposes of this clause, “United States” includes the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.)

(vi) 52.222-37, Employment Reports on Veterans (Feb 2016) (38 U.S.C. 4212) (Applies to contracts of \$150,000 or more).

(vii) 52.222-41, Service Contract Labor Standards (Aug 2018) (41 U.S.C. chapter 67) (Applies to service contracts over \$2,500 that are subject to the Service Contract Labor Standards statute and will be performed in the United States, District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wake Island, or the outer Continental Shelf.)

(viii)

(A) 52.222-50, Combating Trafficking in Persons (Jan 2019) (22 U.S.C. chapter 78 and E.O. 13627) (Applies to all solicitations and contracts).

(B) Alternate I (Mar 2015) (Applies if the Contracting Officer has filled in the following information with regard to applicable directives or notices: Document title(s), source for obtaining document(s), and contract performance location outside the United States to which the document applies).

(ix) 52.222-55, Minimum Wages Under Executive Order 13658 (Dec 2015) (Applies when 52.222-6 or 52.222-41 are in the contract and performance in whole or in part is in the United States (the 50 States and the District of Columbia)).

(x) 52.222-62, Paid Sick Leave Under Executive Order 13706 (JAN 2017) (E.O. 13706) (Applies when 52.222-6 or 52.222-41 are in the contract and performance in whole or in part is in the United states (the 50 States and the District of Columbia.))

(xi) 52.223-5, Pollution Prevention and Right-to-Know Information (May 2011) (E.O. 13423) (Applies to services performed on Federal facilities).

(xii) 52.223-11, Ozone-Depleting Substances and High Global Warming Potential Hydrofluorocarbons (Jun 2016) (E.O. 13693) (Applies to contracts for products as prescribed at FAR 23.804(a)(1)).

(xiii) 52.223-12, Maintenance, Service, Repair, or Disposal of Refrigeration Equipment and Air Conditioners (Jun 2016) (E.O. 13693) (Applies to maintenance, service, repair, or disposal of refrigeration equipment and air conditioners).

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

(A) Delivered;

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

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

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

(xv) 52.223-20, Aerosols (Jun 2016) (E.O. 13693) (Applies to contracts for products that may contain high global warming potential hydrofluorocarbons as a propellant or as a solvent; or contracts for maintenance or repair of electronic or mechanical devices).

(xvi) 52.223-21, Foams (Jun 2016) (E.O. 13693) (Applies to contracts for products that may contain high global warming potential hydrofluorocarbons or refrigerant blends containing hydrofluorocarbons as a foam blowing agent; or contracts for construction of buildings or facilities).

(xvii) 52.225-1, Buy American —Supplies (May 2014) (41 U.S.C. chapter 83) (Applies to contracts for supplies, and to contracts for services involving the furnishing of supplies, for use in the United States or its outlying areas, if the value of the supply contract or supply portion of a service contract exceeds the micro-purchase threshold and the acquisition--

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

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

(xiii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (May 2014) (42 U.S.C. 1792) (Applies to contracts greater than \$25,000 that provide for the provision, the service, or the sale of food in the United States).

(xix) 52.232-33, Payment by Electronic Funds Transfer— System for Award Management (Oct 2013) (Applies when the payment will be made by electronic funds transfer (EFT) and the payment office uses the System for Award Management (SAM) database as its source of EFT information.)

(xx) 52.232-34, Payment by Electronic Funds Transfer—Other than System for Award Management (Jul 2013) (Applies when the payment will be made by EFT and the payment office does not use the SAM database as its source of EFT information.)

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

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

(i) 52.204-21, Basic Safeguarding of Covered Contractor Information Systems (Jun 2016) (Applies to contracts when the contractor of a subcontractor at any tier

may have Federal contract information residing in or transiting through its information system.)

(ii) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (Oct 2015) (Applies to contracts over \$35,000).

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

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

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

(c) *FAR 52.252-2, Clauses Incorporated by Reference (Feb 1998)*. This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

[Insert one or more Internet addresses]

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

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

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

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

occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

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

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

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

(End of Clause)

SECTION 5
QUOTE EVALUATION CRITERIA

The Government will award a contract from this solicitation to the responsible Offeror whose offer conforming to the solicitation is the lowest price technically acceptable (LPTA) offer. Offer's not deemed technically acceptable will be removed from further consideration of the contract award. An Offeror's quote will be deemed technically unacceptable and removed from further consideration for contract award if the Offeror's quote does not demonstrate that all of the requirements listed in this solicitation can be met in a satisfactory manner.