AWARD/CONTRACT

1. This Contract is a Rated Order under the Defense Priorities and Allocations System (DPAS) - Code of Federal Regulations - at 15 CFR 700.

RATING: DO-A7

PAGE 1 OF 71

2. CONTRACT *(Procurement, Instruction, Identification)* NUMBER: 80MSFC26C0006

3. EFFECTIVE DATE: 10/1/2026

4. REQUISITION/PURCHASE REQUEST/PROJECT NUMBER: SEE SCHEDULE

5. ISSUED BY — CODE 80MSFC

Office of Procurement
Huntsville, AL 35812
United States
Jacquelyn Pletcher, Contracting Officer, Email: jacquelyn.b.pletcher@nasa.gov
Faith Hernandez, Contract Specialist, Email: faith.e.hernandez@nasa.gov

6. ADMINISTERED BY *(If other than Item 5)* — CODE

7. NAME AND ADDRESS OF CONTRACTOR *(Number, Street, County, State and ZIP Code)*

CODE

FACILITY CODE

8. DELIVERY

☐ FREE ON BOARD (FOB) ORIGIN ☒ OTHER *(See below)*

9. DISCOUNT FOR PROMPT PAYMENT

Net 30 days

10. SUBMIT INVOICES *(4 copies unless otherwise specified)* TO THE ADDRESS SHOWN IN — ITEM 12

11. SHIP TO/MARK FOR — CODE

SEE SCHEDULE

12. PAYMENT WILL BE MADE BY — CODE

https://www.nssc.nasa.gov/vendorpayment , NSSC-AccountsPayable@nasa.gov

13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION UNDER THE UNITED STATES CODE AT:

☐ 10 U.S.C. 3204(a)( ) ☐ 41 U.S.C. 3304(a)( )

14. ACCOUNTING AND APPROPRIATION DATA

SEE SCHEDULE

15A. ITEM NUMBER	15B. SUPPLIES/SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT
	SEE SCHEDULE				

15G. TOTAL AMOUNT OF CONTRACT ▶ SEE SCHEDULE

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CONTRACTING OFFICER WILL COMPLETE ITEM 17 (SEALED-BID OR NEGOTIATED PROCUREMENT) OR 18 (SEALED-BID PROCUREMENT) AS APPLICABLE

17. ☒ CONTRACTOR'S NEGOTIATED AGREEMENT *(Contractor is required to sign this document and return* 1 *copies to issuing office.)*

Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. *(Attachments are listed herein.)*

18. ☐ SEALED-BID AWARD (*Contractor is not required to sign this document.)*

Your bid on Solicitation Number 0,

including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the terms listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your bid, and (b) this award/contract. No further contractual document is necessary. (Block 18 should be checked only when awarding a sealed-bid contract.)

19A. NAME AND TITLE OF SIGNER *(Type or print)*

20A. NAME OF CONTRACTING OFFICER

Jacquelyn Pletcher

19B. NAME OF CONTRACTOR

BY _____
(Signature of person authorized to sign)

19C. DATE SIGNED

20B. UNITED STATES OF AMERICA

BY _____
(Signature of Contracting Officer)

20C. DATE SIGNED

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Section A - Solicitation/Contract Form

Section is intentionally left blank

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Section B - Supplies or Services and Prices/Cost

Additional Information/Notes

Item	Supplies/Service	Dates	Quantity	Unit	Unit Price	Amount
0001	Base CLIN 1, Concept Maturation and Risk Reduction Product Service Code: AR12 Severability: No Firm Fixed Price	Period of Performance From 01 OCT 2026 To 31 MAR 2027	1.0	Job	USD 0.00	
000101	CLIN 0001: Corporate Contribution Placeholder	Period of Performance From 01 OCT 2026 To 31 MAR 2027			USD 0.00	
0002	Priced Option CLIN 2, System Integration, Flight Demonstration Readiness, and Capability Verification and Validation Product Service Code: AR12 Severability: No Firm Fixed Price	Period of Performance From 01 APR 2027 To 31 MAR 2029	1.0	Job	USD 0.00	

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000201	CLIN 0002: Corporate Contribution Placeholder	Period of Performance From 01 APR 2027 To 31 MAR 2029			USD 0.00	
0003	Priced Option CLIN 3, Additional Demonstration, Anomaly Resolution, and Service Validation Product Service Code: AR12 Severability: No Firm Fixed Price	Period of Performance From 01 APR 2029 To 30 SEP 2029	1.0	Job	USD 0.00	
000301	CLIN 0003: Corporate Contribution Placeholder	Period of Performance From 03 APR 2029 To 28 SEP 2029			USD 0.00	

NFS Clauses Incorporated by Full Text

1852.216-78 Firm-Fixed-Price (DEC 2025) (Deviation)

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

(End of clause)

MSFC Clauses Incorporated by Full Text

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MSFC 52.227-91 Data Requirements (JUN 2017)

(a) The contractor shall furnish all data identified and described in the data requirements list (DRL) of the data procurement document (DPD) which is attached to this contract. All expenses associated therewith are included in the estimated cost or firm fixed price of this contract, or any associated task orders if applicable.

(b) The Government reserves the right to delay the delivery of any or all data requirements descriptions (DRDs) specified in the DRL and such right may be exercised at no increase to the estimated cost or firm fixed price of this contract or any associated task orders.

(c) Nothing contained in this clause shall relieve the contractor from delivering data that is not identified and described in the DRL/DPD, but required under another section of this contract.

(d) To the extent that data required to be delivered under a DRD is also required to be delivered under another section of the contract, the requirements established by both the DRD and such other contract section shall apply. In the event of a conflict between the data requirements of the DPD and another contract section, the specific contract section will take precedence.

(End of clause)

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Section C - Description/Specifications/Statement of Work

Requirements

NextSTEP-3 Appendix E for Project Network Extension for User Continuity and Sustainability (NEXUS), Ka-Band Backward-Compatible Relay (TRDRS-Compatible)

MSFC Clauses Incorporated by Full Text

MSFC 52.211-93 Description/Specifications/Statement of Work (MAY 2019)

The Description/Specifications/Statement of Work/Performance Work Statement is located in Attachment *01: Statement of Work*.

(End of clause)

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Section D - Packaging and Marking

Section is intentionally left blank

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Section E - Inspection and Acceptance

FAR Clauses Incorporated by Reference

Number	Title	Effective Date
52.246-7	Inspection of Research and Development-Fixed-Price.	Aug 1996
52.246-9	Inspection of Research and Development (Short Form).	Apr 1984

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Section F - Deliveries or Performance

0001	Delivery Schedule Period of Performance From 01 OCT 2026 To 31 MAR 2027
0002	Delivery Schedule Period of Performance From 01 APR 2027 To 31 MAR 2029
0003	Delivery Schedule Period of Performance From 01 APR 2029 To 30 SEP 2029

FAR Clauses Incorporated by Reference

Number	Title	Effective Date
52.242-15	Stop-Work Order.	Aug 1989

MSFC Clauses Incorporated by Full Text

MSFC 52.211-94 Period of Performance (MAY 2017)

The period of performance for this contract is from *10/01/2026* through *09/30/2029.*

(End of clause)

MSFC 52.237-91 Place of Performance (JUL 2018)

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The Contractor shall perform the work under this contract at *TBD*, and at such other locations as may be approved in writing by the Contracting Officer.

(End of clause)

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Section G - Contract Administration Data

Additional Regulation or Supplement Clauses Incorporated by Reference

Number	Title	Effective Date
1852.227-70 Deviation	New Technology - Other than a Small Business Firm or Nonprofit Organization Deviation	Jan 2026
1852.227-72 Deviation	Designation of New Technology Representative and Patent Representative Deviation	Jan 2026

NFS Clauses Incorporated by Full Text

1852.232-80 Submission of Vouchers/Invoices for Payment. (APR 2018)

(a) The designated payment office is the NASA Shared Services Center (NSSC) located at FMD Accounts Payable, Bldg. 1111, Jerry Hlass Road, Stennis Space Center, MS 39529.

(b) Except for classified vouchers, the Contractor shall submit all vouchers and invoices using the steps described at NSSC's Vendor Payment information Web site at: *https://www.nssc.nasa.gov/vendorpayment*. Please contact the NSSC Customer Contact Center at 1–877–NSSC123 (1–877–677–2123) with any additional questions or comments.

(c) *Payment requests.*

(1) The payment periods are stipulated in the payment clause(s) contained in this contract.

(2) Vouchers submitted under cost type contracts and invoices submitted under fixed-price contracts shall include the items delineated in FAR 32.905(b) supported by relevant back-up documentation. Back-up documentation shall include at a minimum, the following information:

(i) *Vouchers.*

(A) Breakdown of billed labor costs and associated contractor generated supporting documentation for billed direct labor costs to include rates used and number of hours incurred.

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(B) Breakdown of billed other direct costs (ODCs) and associated contractor generated supporting documentation for billed ODCs.

(C) Indirect rate(s) used to calculate the amount of billed indirect expenses.

(D) Progress reports, as required.

(ii) *Invoices.*

(A) Description of goods and services delivered as part of the contract's terms and conditions, including the dates of delivery/performance.

(B) Progress reports, as required.

(C) Date goods and services were performed.

(iii) *Fee vouchers.*

(A) Listing of all provisionally-billed fee by period or date earned since contract award.

(B) A reconciliation of all billed and earned fee.

(C) A clear explanation of the fee calculations.

(d) *Non-electronic payment requests.* The Contractor may submit a non-electronic voucher/invoice using the steps for non-electronic payment requests described at *https://www.nssc.nasa.gov/vendorpayment*, when any of the following conditions are met:

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(1) The Contracting Officer administering the contract for payment has determined, in writing, that electronic submission would be unduly burdensome to the Contractor.

(2) The contract includes provisions allowing the contractor to submit vouchers or invoices using the steps for non-electronic payment. In such instances the Contractor agrees to submit non-electronic payment requests using the method or methods specified in Section G of the contract.

(e) Improper vouchers/invoices. The NSSC Payment Office will notify the contractor of any apparent error, defect, or impropriety in a voucher/invoice within seven calendar days of receipt by the NSSC Payment Office. Inquiries regarding requests for payment should be directed to the NSSC as specified in paragraph (b) of this section.

(f) *Other payment clauses.* In addition to the requirements of this clause, the Contractor shall meet the requirements of the appropriate payment clauses in this contract when submitting payment requests.

(g) In the event that amounts are withheld from payment in accordance with provisions of this contract, a separate payment request for the amount withheld will be required before payment for that amount may be made.

(End of clause)

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Section H - Special Contract Requirements

52.227-14 Rights in Data-General.

RIGHTS IN DATA-GENERAL (MAY 2014)

(a) Definitions. As used in this clause-

Computer database or "database means" a collection of recorded information in a form capable of, and for the purpose of, being stored in, processed, and operated on by a computer. The term does not include computer software.

Computer software-

(1) Means

(i) Computer programs that comprise a series of instructions, rules, routines, or statements, regardless of the media in which recorded, that allow or cause a computer to perform a specific operation or series of operations; and

(ii) Recorded information comprising source code listings, design details, algorithms, processes, flow charts, formulas, and related material that would enable the computer program to be produced, created, or compiled.

(2) Does not include computer databases or computer software documentation.

Computer software documentation means owner's manuals, user's manuals, installation instructions, operating instructions, and other similar items, regardless of storage medium, that explain the capabilities of the computer software or provide instructions for using the software.

Data means recorded information, regardless of form or the media on which it may be recorded. The term includes technical data and computer software. The term does not include information incidental to contract administration, such as financial, administrative, cost or pricing, or management information.

Form, fit, and function data means data relating to items, components, or processes that are sufficient to enable physical and functional interchangeability, and data identifying source, size, configuration, mating and attachment characteristics, functional characteristics, and performance requirements. For computer software it means data identifying source, functional characteristics, and performance requirements but specifically excludes the source code, algorithms, processes, formulas, and flow charts of the software.

Limited rights means the rights of the Government in limited rights data as set forth in the Limited Rights Notice of paragraph (g)(3) if included in this clause.

Limited rights data means data, other than computer software, that embody trade secrets or are commercial or financial and confidential or privileged, to the extent that such data pertain to

items, components, or processes developed at private expense, including minor modifications.

Restricted computer software means computer software developed at private expense and that is a trade secret, is commercial or financial and confidential or privileged, or is copyrighted computer software, including minor modifications of the computer software.

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Restricted rights, as used in this clause, means the rights of the Government in restricted computer software, as set forth in a Restricted Rights Notice of paragraph (g) if included in this clause, or as otherwise may be

provided in a collateral agreement incorporated in and made part of this contract, including minor modifications of such computer software.

Technical data means recorded information (regardless of the form or method of the recording) of a scientific or technical nature (including computer databases and computer software documentation). This term does not include computer software or financial, administrative, cost or pricing, or management data or other information incidental to contract administration. The term includes recorded information of a scientific or technical nature that is included in computer databases (See 41 U.S.C. 116).

Unlimited rights means the rights of the Government to use, disclose, reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, in any manner and for any purpose, and to have or permit others to do so.

(b) Allocation of rights.

(1) Except as provided in paragraph (c) of this clause, the Government shall have unlimited rights in-

(i) Data first produced in the performance of this contract;

(ii) Form, fit, and function data delivered under this contract;

(iii) Data delivered under this contract (except for restricted computer software) that constitute manuals or instructional and training material for installation, operation, or routine maintenance and repair of items, components, or processes delivered or furnished for use under this contract; and

(iv) All other data delivered under this contract unless provided otherwise for limited rights data or restricted computer software in accordance with paragraph (g) of this clause.

(2) The Contractor shall have the right to-

(i) Assert copyright in data first produced in the performance of this contract to the extent provided in paragraph (c)(1) of this clause;

(ii) Use, release to others, reproduce, distribute, or publish any data first produced or specifically used by the Contractor in the performance of this contract, unless provided otherwise in paragraph (d) of this clause;

(iii) Substantiate the use of, add, or correct limited rights, restricted rights, or copyright notices and to take other appropriate action, in accordance with paragraphs (e) and (f) of this clause; and

(iv) Protect from unauthorized disclosure and use those data that are limited rights data or restricted computer software to the extent provided in paragraph (g) of this clause.

(c) Copyright-

(1) Data first produced in the performance of this contract.

(i) Unless provided otherwise in paragraph (d) of this clause, the Contractor may, without prior approval of the Contracting Officer, assert copyright in scientific and technical articles based on or containing data first produced in the performance of this contract and published in academic, technical or professional journals, symposia proceedings, or similar works. The prior, express written permission of the Contracting Officer is required to assert copyright in all other data first produced in the performance of this contract.

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(ii) When authorized to assert copyright to the data, the Contractor shall affix the applicable copyright notices of 17 U.S.C. 401 or 402, and an acknowledgment of Government sponsorship (including contract number).

(iii) For data other than computer software, the Contractor grants to the Government, and others acting on its behalf, a paid-up, nonexclusive, irrevocable, worldwide license in such copyrighted data to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly by or on behalf of the Government. For computer software, the Contractor grants to the Government, and others acting on its behalf, a paid-up, nonexclusive, irrevocable, worldwide license in such copyrighted computer software to reproduce, prepare derivative works, and perform publicly and display publicly (but not to distribute copies to the public) by or on behalf of the Government.

(iv) The contractor shall mark each scientific and technical article based on or containing data first produced in the performance of this contract and submitted for publication in academic, technical or professional journals, symposia proceedings or similar works with a notice, similar in all material respects to the following, on the cover or first page of the article, reflecting the Government's non-exclusive worldwide license in the copyright.

GOVERNMENT RIGHTS NOTICE

This work was authored by employees of [insert the name of the Contractor] under Contract No. [insert contract number] with the National Aeronautics and Space Administration. The United States Government retains and the publisher, by accepting the article for publication, acknowledges that the United States Government retains a non-exclusive, paid-up, irrevocable, worldwide license to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, or allow others to do so, for United States Government purposes. All other rights are reserved by the copyright owner.

(End of Notice)

(2) Data not first produced in the performance of this contract. The Contractor shall not, without the prior written permission of the Contracting Officer, incorporate in data delivered under this contract any data not first produced in the performance of this contract unless the Contractor-

(i) Identifies the data; and

(ii) Grants to the Government, or acquires on its behalf, a license of the same scope as set forth in paragraph (c)(1) of this clause or, if such data are restricted computer software, the

Government shall acquire a copyright license as set forth in paragraph (g)(4) of this clause (if included in this contract) or as otherwise provided in a collateral agreement incorporated in or made part of this contract.

(3) Removal of copyright notices. The Government will not remove any authorized copyright notices placed on data pursuant to this paragraph (c), and will include such notices on all reproductions of the data.

(d) Release, publication, and use of data. The Contractor shall have the right to use, release to others, reproduce, distribute, or publish any data first produced or specifically used by the Contractor in the performance of this contract, except-

(1) As prohibited by Federal law or regulation (e.g., export control or national security laws or regulations);

(2) As expressly set forth in this contract; or

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(3) If the Contractor receives or is given access to data necessary for the performance of this contract that contain restrictive markings, the Contractor shall treat the data in accordance with such markings unless specifically authorized otherwise in writing by the Contracting Officer.

(4)(i) The Contractor agrees not to assert claim to copyright, publish or release to others any computer software first produced in the performance of this contract unless the Contracting Officer authorizes through a contract modification.

(ii) The prohibition on "release to others", as set forth in (d)(4)(i), does not prohibit release to another Federal Agency for its use or its contractors' use, as long as any such release is consistent with any restrictive markings on the software. Any restrictive markings on the software shall take precedence over the aforementioned release. Any release to a Federal Agency shall limit use to the Federal Agency or its contractors for Government purposes only. Any other release shall require the Contracting Officer's prior written permission.

(iii) If the Government desires to obtain copyright in computer software first produced in the performance of this contract and permission has not been granted as set forth in paragraph (d)(4)(i) of this clause, the Contracting Officer may direct the contractor to assert, or authorize the assertion of, a claim to copyright in such data and to assign, or obtain the assignment of, such copyright to the Government or its designated assignee

(e) Unauthorized marking of data.

(1) Notwithstanding any other provisions of this contract concerning inspection or acceptance, if any data delivered under this contract are marked with the notices specified in paragraph (g)(3) or (g) (4) if included in this clause, and use of the notices is not authorized by this clause, or if the data bears any other restrictive or limiting markings not authorized by this contract, the Contracting Officer may at any time either return the data to the Contractor, or cancel or ignore the markings. However, pursuant to 41 U.S.C. 4703, the following procedures shall apply prior to canceling or ignoring the markings.

(i) The Contracting Officer will make written inquiry to the Contractor affording the Contractor 60 days from receipt of the inquiry to provide written justification to substantiate the propriety of the markings;

(ii) If the Contractor fails to respond or fails to provide written justification to substantiate the propriety of the markings within the 60-day period (or a longer time approved in writing by the Contracting Officer for good cause shown), the Government shall have the right to cancel or ignore the markings at any time after said period and the data will no longer be made subject to any disclosure prohibitions.

(iii) If the Contractor provides written justification to substantiate the propriety of the markings within the period set in paragraph (e)(1)(i) of this clause, the Contracting Officer will consider such written justification and determine whether or not the markings are to be cancelled or ignored. If the Contracting Officer determines that the markings are authorized, the Contractor will be so notified in writing. If the Contracting Officer determines, with concurrence of the head of the contracting activity, that the markings are not authorized, the Contracting Officer will furnish the Contractor a written determination, which determination will become the final agency decision regarding the appropriateness of the markings unless the Contractor files suit in a court of competent jurisdiction within 90 days of receipt of the Contracting Officer's decision. The Government will continue to abide by the markings under this paragraph (e)(1)(iii) until final resolution of the matter either by the Contracting Officer's determination becoming final (in which instance the Government will thereafter have the right to cancel or ignore the markings at any time and the data will no longer be made subject to any disclosure prohibitions), or by final disposition of the matter by court decision if suit is filed.

(2) The time limits in the procedures set forth in paragraph (e)(1) of this clause may be modified in accordance with agency regulations implementing the Freedom of Information Act (5 U.S.C. 552) if necessary to respond to a request thereunder.

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(3) Except to the extent the Government's action occurs as the result of final disposition of the matter by a court of competent jurisdiction, the Contractor is not precluded by paragraph (e) of the clause from bringing a claim, in accordance with the Disputes clause of this contract, that may arise as the result of the Government removing or ignoring authorized markings on data delivered under this contract.

(f) Omitted or incorrect markings.

(1) Data delivered to the Government without any restrictive markings shall be deemed to have been furnished with unlimited rights. The Government is not liable for the disclosure, use, or reproduction of such data.

(2) If the unmarked data has not been disclosed without restriction outside the Government, the Contractor may request, within 6 months (or a longer time approved by the Contracting Officer in writing for good cause shown) after delivery of the data, permission to have authorized notices placed on the data at the Contractor's expense. The Contracting Officer may agree to do so if the Contractor-

(i) Identifies the data to which the omitted notice is to be applied;

(ii) Demonstrates that the omission of the notice was inadvertent;

(iii) Establishes that the proposed notice is authorized; and

(iv) Acknowledges that the Government has no liability for the disclosure, use, or reproduction of any data made prior to the addition of the notice or resulting from the omission of the notice.

(3) If data has been marked with an incorrect notice, the Contracting Officer may-

(i) Permit correction of the notice at the Contractor's expense if the Contractor identifies the data and demonstrates that the correct notice is authorized; or

(ii) Correct any incorrect notices.

(g) Protection of limited rights data and restricted computer software.

(1) The Contractor may withhold from delivery qualifying limited rights data or restricted computer software that are not data identified in paragraphs (b)(1)(i), (ii), and (iii) of this clause. As a condition to this withholding, the Contractor shall-

(i) Identify the data being withheld; and

(ii) Furnish form, fit, and function data instead.

(2) Limited rights data that are formatted as a computer database for delivery to the Government shall be treated as limited rights data and not restricted computer software.

(3) Notwithstanding paragraph (g)(1) of this clause, the contract may identify and specify the delivery of limited rights data, or the Contracting Officer may require by written request the delivery of limited rights data that has been withheld or would otherwise be entitled to be withheld. If delivery of that data is required, the Contractor shall affix the following "Limited Rights Notice" to the data and the Government will treat the data, subject to the provisions of paragraphs (e) and (f) of this clause, in accordance with the notice:

LIMITED RIGHTS NOTICE (DEC 2007)

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(a) These data are submitted with limited rights under Government Contract No. _____ (and subcontract _____, if appropriate). These data may be reproduced and used by the Government with the express limitation that they will not, without written permission of the Contractor, be used for purposes of manufacture nor disclosed outside the Government; except that the Government may disclose these data outside the Government for the following purposes, if any; provided that the Government makes such disclosure subject to prohibition against further use and disclosure: [See Section H clause "ADDITIONAL PURPOSES FOR LIMITED RIGHTS NOTICES (52.227-14, Alternate II)" in this contract for additional purposes.]

(b)This notice shall be marked on any reproduction of these data, in whole or in part.

(End of notice)

(4)(i) Notwithstanding paragraph (g)(1) of this clause, the contract may identify and specify the delivery of restricted computer software, or the Contracting Officer may require by written request the delivery of restricted computer software that has been withheld or would otherwise be entitled to be withheld. If delivery of that computer software is required, the Contractor shall affix the following "Restricted Rights Notice" to the computer software and the Government will treat the computer software, subject to paragraphs (e) and (f) of this clause, in accordance with the notice:

RESTRICTED RIGHTS NOTICE (DEC 2007)

(a) This computer software is submitted with restricted rights under Government Contract No. _____ (and subcontract _____, if appropriate). It may not be used, reproduced, or disclosed by the Government except as provided in paragraph (b) of this notice or as otherwise expressly stated in the contract.

(b) This computer software may be-

(1) Used or copied for use with the computer(s) for which it was acquired, including use at any Government installation to which the computer(s) may be transferred;

(2) Used or copied for use with a backup computer if any computer for which it was acquired is inoperative;

(3) Reproduced for safekeeping (archives) or backup purposes;

(4) Modified, adapted, or combined with other computer software, provided

that the modified, adapted, or combined portions of the derivative software incorporating any of the delivered, restricted computer software shall be subject to the same restricted rights;

(5) Disclosed to and reproduced for use by support service Contractors or their subcontractors in accordance with paragraphs (b)(1) through (4) of this notice; and

(6) Used or copied for use with a replacement computer.

(c) Notwithstanding the foregoing, if this computer software is copyrighted computer software, it is licensed to the Government with the minimum rights set forth in paragraph (b) of this notice.

(d) Any other rights or limitations regarding the use, duplication, or disclosure of this computer software are to be expressly stated in, or incorporated in, the contract.

(e) This notice shall be marked on any reproduction of this computer software, in whole or in part.

(End of notice)

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(ii) Where it is impractical to include the Restricted Rights Notice on restricted computer software, the following short-form notice may be used instead:

RESTRICTED RIGHTS NOTICE SHORT FORM (JUN 1987)

Use, reproduction, or disclosure is subject to restrictions set forth in Contract No. _____ (and subcontract, _____, if appropriate) with (name of Contractor and subcontractor).

(End of notice)

(iii) If restricted computer software is delivered with the copyright notice of 17 U.S.C. 401, it will be presumed to be licensed to the Government without disclosure prohibitions, with the minimum rights set forth in paragraph (b) of this clause.

(h) Subcontracting. The Contractor shall obtain from its subcontractors all data and rights therein necessary to fulfill the Contractor's obligations to the Government under this contract. If a subcontractor refuses to accept terms affording the Government those rights, the Contractor shall promptly notify

the Contracting Officer of the refusal and shall not proceed with the subcontract award without authorization in writing from the Contracting Officer.

(i) Relationship to patents or other rights. Nothing contained in this clause shall imply a license to the Government under any patent or be construed as affecting the scope of any license or other right otherwise granted to the Government.

(End of clause)

ADDITIONAL PURPOSES FOR LIMITED RIGHTS NOTICES (52.227-14, Alternate II) for Cosponsored Research and Development Activities

(a) The following are additional purposes for technical data related to items, components, or processes developed at private expense (with only minor modifications under the contract):

(i) Use (except for manufacture) by support service contractors.

(ii) Evaluation by nongovernment evaluators.

(iii) Use (except for manufacture) by other contractors participating in the Government's program of which the specific contract is a part.

(iv) Maintenance, repair, and overhaul work.

(v) Release to a foreign government, or its instrumentalities, if required to serve the interests of the United States Government, for information or evaluation, or for maintenance, repair, and overhaul work by the foreign government.

(b) In accordance with FAR 27.408(b), the following are additional purposes for technical data related to items, components, or processes developed under the contract if such items, components, or processes are readily segregable from the Government's contribution considering both performance requirements and funding for the contract (i.e., the Contractor essentially performed all of the development work and the cost of such work is covered by the contractor's funding contribution):

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(i) Use (except for manufacture) by support service contractors.

(ii) Evaluation by nongovernment evaluators.

(iii) Use (except for manufacture) by other contractors participating in the Government's program of which the specific contract is a part.

(iv) Maintenance, repair, and overhaul work.

(v) Release to a foreign government, or its instrumentalities, if required to serve the interests of the United States Government, for information or evaluation, or for maintenance, repair, and overhaul work by the foreign government.

(c) In accordance with FAR 27.408(a), the following are additional purposes for technical data related to items, components, or processes developed under the contract if such items, components, or processes are not readily segregable from the Government's contribution considering both performance requirements and funding for the contract (i.e., both the Government and the contractor contributed to the performance of the development work):

(i) Use, modify, reproduce, release, perform, display, or disclose technical data within the Government without restriction; and

(ii) Release or disclose technical data outside the Government and authorize persons to whom release or disclosure has been made to use, modify, reproduce, release, perform, display, or disclose that data for United States Government purposes (i.e., any activity in which the United States Government is a party, including release to a foreign government, or its instrumentalities, if required to serve the interests of the United States Government for information or evaluation, for interface/integration assessments, or for emergency repair or overhaul work by the foreign government. Government purposes include competitive procurement and manufacture, but do not include the rights to use, modify, reproduce, release, perform,

display, or disclose technical data for commercial purposes or authorize others to do so.

(d) Technical data related to items, components, or processes developed under the contract will have unlimited rights if such items, components, or processes are segregable from the contractor's contribution (i.e., the Government essentially performed all the development work).

(e) This clause takes precedence over FAR 52.227-14 Alternate II for data developed under the contract.

(End of Clause)

Additional Regulation or Supplement Clauses Incorporated by Reference

Number	Title	Effective Date
1852.228-78 Deviation	Cross-Waiver of Liability for Science or Space Exploration Activities Unrelated to the International Space Station Deviation	Sep 2025
1852.235-73 Deviation	Final Scientific and Technical Reports Deviation	Sep 2025
1852.235-73 Alternate II Deviation	Final Scientific and Technical Reports Alternate II Deviation	Sep 2025
1852.242-72 Deviation	Denied Access to NASA Facilities Deviation	Dec 2025

NFS Clauses Incorporated by Full Text

1852.209-71 Limitation of Future Contracting. (DEC 1988)

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(a) The Contracting Officer has determined that this acquisition may give rise to a potential organizational conflict of interest. Accordingly, the attention of prospective offerors is invited to FAR Subpart 9.5—Organizational Conflicts of Interest.

(b) The nature of this conflict is *There is a concern that the successful Contractor or its proposed subcontractor(s) services performed may give rise to the significant potential organizational conflicts of interest.*
.

(c) The restrictions upon future contracting are as follows:

(1) If the Contractor, under the terms of this contract, or through the performance of tasks pursuant to this contract, is required to develop specifications or statements or work that are to be incorporated into a solicitation, the Contractor shall be ineligible to perform the work described in that solicitation as a prime of first-tier subcontractor under an ensuing NASA contract. This restriction shall remain in effect for a reasonable time, as agreed to by the Contracting Officer and the Contractor, sufficient to avoid unfair competitive advantage or potential bias (this time shall in no case be less than the duration of the initial production contract). NASA shall not unilaterally require the Contractor to prepare such specifications or statements of work under this contract.

(2) To the extent that the work under this contract requires access to proprietary, business confidential, or financial data of other companies, and as long as these data remain proprietary or confidential, the Contractor shall protect these data from unauthorized use and disclosure and agrees not to use them to compete with those other companies.

(End of clause)

1852.225-70 Export Licenses (DEC 2025) Alternate I (Deviation)

(e) The contractor may request, in writing, that the contracting officer authorize it to export ITAR-controlled technical data (including software) pursuant to the exemption at 22 CFR 125.4(b)(3). The contracting officer or designated representative may authorize or direct the use of the exemption where the data does not disclose details of the design, development, production, or manufacture of any defense article.

1852.225-70 Export Licenses (DEC 2025) (Deviation)

(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 through 130, and the Export Administration Regulations (EAR), 15 CFR Parts 730 through 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

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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*, 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)

1852.232-77 Limitations of Funds (Fixed Price Contract). (MAR 1989)

(a) Of the total price of items *TBD* through *TBD*, the sum of $*TBD* is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to the contract in accordance with the following schedule, until the total price of said items is allotted:

SCHEDULE FOR ALLOTMENT OF FUNDS

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MILESTONES	AMOUNTS
CLIN 1: Payment Milestone 1: Verification &Validation Compliance Assessment	30%
CLIN 1: Payment Milestone 2: CLIN 1 Design Outbrief	65%
CLIN 1: Payment Milestone 3: CLIN 1 Completion	5%

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CLIN 2: Payment Milestone 1: Initial DRD Deliveries	5%
CLIN 2: Payment Milestone 2: Demonstration & Integration Maturity Checkpoint	25%
CLIN 2: Payment Milestone 3: Demonstration Readiness Review (DRR)	35%
CLIN 2: Payment Milestone 4: Demonstration Performance Validation Review	30%

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CLIN 2: Payment Milestone 5: CLIN 2 Completion	5%

(b) The Contractor agrees to perform or have performed work on the items specified in paragraph (a) of this clause up to the point at which, if this contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause would, in the exercise of reasonable judgment by the Contractor, approximate the total amount at the time allotted to the contract. The Contractor is not obligated to continue performance of the work beyond that point. The Government is not obligated in any event to pay or reimburse the Contractor more than the amount from time to time allotted to the contract, anything to the contrary in the Termination for Convenience of the Government clause notwithstanding.

(c)

(1) It is contemplated that funds presently allotted to this contract will cover the work to be performed until *TBD*.

(2) If funds allotted are considered by the Contractor to be inadequate to cover the work to be performed until that date, or an agreed date substituted for it, the Contractor shall notify the Contracting Officer in writing when within the next 60 days the work will reach a point at which, if the contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause will approximate 75 percent of the total amount then allotted to the contract.

(3)

(i) The notice shall state the estimated date when the point referred to in paragraph (c)(2) of this clause will be reached and the estimated amount of additional funds required to continue performance to the date specified in paragraph (c)(1) of this clause, or an agreed date substituted for it.

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(ii) The Contractor shall, 60 days in advance of the date specified in paragraph (c)(1) of this clause, or an agreed date substituted for it, advise the Contracting Officer in writing as to the estimated amount of additional funds required for the timely performance of the contract for a further period as may be specified in the contract or otherwise agreed to by the parties.

(4) If, after the notification referred to in paragraph (c)(3)(ii) of this clause, additional funds are not allotted by the date specified in paragraph (c)(1) of this clause, or an agreed date substituted for it, the Contracting Officer shall, upon the Contractor's written request, terminate this contract on that date or on the date set forth in the request, whichever is later, pursuant to the Termination for Convenience of the Government clause.

(d) When additional funds are allotted from time to time for continued performance of the work under this contract, the parties shall agree on the applicable period of contract performance to be covered by these funds. The provisions of paragraphs (b) and (c) of this clause shall apply to these additional allotted funds and the substituted date pertaining to them, and the contract shall be modified accordingly.

(e) If, solely by reason of the Government's failure to allot additional funds in amounts sufficient for the timely performance of this contract, the Contractor incurs additional costs or is delayed in the performance of the work under this contract, and if additional funds are allotted, an equitable adjustment shall be made in the price or prices (including appropriate target, billing, and ceiling prices where applicable) of the items to be delivered, or in the time of delivery, or both.

(f) The Government may at any time before termination, and, with the consent of the Contractor, after notice of termination, allot additional funds for this contract.

(g) The provisions of this clause with respect to termination shall in no way be deemed to limit the rights of the Government under the default clause of this contract. The provisions of this Limitation of Funds clause are limited to the work on and allotment of funds for the items set forth in paragraph (a). This clause shall become inoperative upon the allotment of funds for the total price of said work except for rights and obligations then existing under this clause.

(h) Nothing in this clause shall affect the right of the Government to terminate this contract pursuant to the Termination for Convenience of the Government clause of this contract.

(End of clause)

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1852.235-71 Essential Personnel and Facilities (SEP 2025) (Deviation)

(a) The personnel and/or facilities listed below (or specified in the contract Schedule) are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel or facilities, the Contractor must—

(1) Notify the Contracting Officer reasonably in advance; and

(2) Submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.

(b) The Contractor must make no diversion without the Contracting Officer's written consent; provided, that the Contracting Officer may ratify in writing the proposed change, and that ratification must constitute the Contracting Officer's consent required by this clause.

(c) The Contractor must obtain the contracting officer's prior written approval anytime the Contractor plans to continue the research work during a continuous period in excess of 3 months without the participation of an approved principal investigator or project leader.

(d) The list of personnel and/or facilities (shown below or as specified in the contract Schedule) may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel and/or facilities.

List here the personnel and/or facilities considered essential, unless they are specified in the contract Schedule: *TBD*

(End of clause)

MSFC Clauses Incorporated by Full Text

MSFC 52.209-92 Disclosure of Organizational Conflict of Interest (OCI) After Contract Award (MAY 2017)

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(a) If the Contractor identifies an actual or potential organizational conflict of interest that has not already been adequately disclosed and resolved (or waived in accordance with FAR 9.503), the Contractor shall make a

prompt and full disclosure in writing to the Contracting Officer. This disclosure shall include a description of the action the Contractor has taken or proposes to take in order or resolve the conflict. This reporting requirement also includes subcontractors' actual or potential organizational conflicts of interest not adequately disclosed and resolved prior to award.

(b) Organizational Conflict of Interest Plan. If there is an OCI plan in the contract, the Contractor shall periodically update the plan, based on changes such as changes to the legal entity, the overall structure of the organization, subcontractor arrangements, contractor management, ownership, ownership relationships or modification of the work scope.

(End of clause)

MSFC 52.209-94 Resolution of Organizational Conflicts of Interest (MAR 2022)

(a) The Organizational Conflict of Interest (OCI) Plan and its obligations (which includes any appended resolution strategies related to identified OCIs), are hereby incorporated in the contract by reference.

(b) Changes. (1) Either the Contractor or the Government may propose changes to the OCI Plan. Such changes are subject to the mutual agreement of the parties and will become effective only upon incorporating the change into the plan by contract amendment.

(2) In the event that the Government and the Contractor cannot agree upon a mutually acceptable change, the Government reserves the right to make a unilateral change to the OCI Plan as necessary, with the approval of the head of the contracting activity, subject to Contractor appeal as provided in the Disputes clause.

(c) Violation. The Contractor shall report any violation of the OCI Plan, whether by its own personnel or those of the Government or other contractors, to the Contracting Officer (CO) as soon as possible, but no later than three business days after discovery of the incident. This report shall include a description of the violation and the actions the Contractor has taken or proposes to take to mitigate and avoid repetition of the violation. After conducting such further inquiries and discussions as may be necessary, the CO and the Contractor shall agree on appropriate corrective action, if any. If, in the event that the CO and Contractor cannot come to an agreement, the CO may unilaterally direct corrective action as it relates to the performance of the contract.

(d) Breach. Any breach of the above restrictions or any nondisclosure or misrepresentation of any relevant facts required regarding OCI to be disclosed may result in termination of this contract for default or other remedies as may be available under law or regulation.

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(e) Subcontracts. The Contractor shall include the substance of this clause, including this paragraph (e), in subcontracts where the work includes or may include tasks related to the OCI. The terms “Contractor” and “Contracting Officer” shall be appropriately modified to reflect the change in parties and to preserve the Government’s rights.

(End of clause)

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Section I - Contract Clauses

FAR Clauses Incorporated by Reference

Number	Title	Effective Date
52.202-1	Definitions.	Jun 2020
52.203-3	Gratuities.	Apr 1984
52.203-5	Covenant Against Contingent Fees.	May 2014
52.203-7	Anti-Kickback Procedures.	Jun 2020
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity.	May 2014
52.203-10	Price or Fee Adjustment for Illegal or Improper Activity.	May 2014
52.203-12	Limitation on Payments to Influence Certain Federal Transactions.	Jun 2020
52.203-13	Contractor Code of Business Ethics and Conduct.	Nov 2021
52.203-14	Display of Hotline Poster(s).	Nov 2021
52.203-16	Preventing Personal Conflicts of Interest.	Jun 2020
52.203-17	Contractor Employee Whistleblower Rights.	Nov 2023
52.203-19	Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements.	Jan 2017
52.204-2	Security Requirements.	Mar 2021
52.204-10 Deviation	Reporting Executive Compensation and First-Tier Subcontract Awards Deviation	Nov 2025
52.204-12	Unique Entity Identifier Maintenance.	Oct 2016
52.204-13 Deviation	System for Award Management - Maintenance Deviation	Nov 2025
52.204-19	Incorporation by Reference of Representations and Certifications.	Dec 2014
52.204-23	Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab Covered Entities.	Dec 2023
52.204-25	Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.	Nov 2021
52.204-27	Prohibition on a ByteDance Covered Application.	Jun 2023
52.209-6	Protecting the Government’s Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment.	Jan 2025
52.209-9 Deviation	Updates of Publicly Available Information Regarding Responsibility Matters Deviation	Nov 2025
52.209-10 Deviation	Prohibition on Contracting with Inverted Domestic Corporations Deviation	Nov 2025
52.210-1 Deviation	Market Research Deviation	Nov 2025
52.215-2 Deviation	Audit and Records - Negotiation Deviation	Nov 2025
52.215-8 Deviation	Order of Precedence - Uniform Contract Format Deviation	Nov 2025
52.215-10	Price Reduction for Defective Certified Cost or Pricing Data.	Aug 2011
52.215-11 Deviation	Price Reduction for Defective Certified Cost or Pricing Data - Modifications Deviation	Nov 2025
52.215-12 Deviation	Subcontractor Certified Cost or Pricing Data Deviation	Nov 2025
52.215-13 Deviation	Subcontractor Certified Cost or Pricing Data-Modifications Deviation	Nov 2025
52.215-15 Deviation	Pension Adjustments and Asset Reversions Deviation	Nov 2025
52.215-18 Deviation	Reversion or Adjustment of Plans for Postretirement Benefits (PRB) Other Than Pensions Deviation	Nov 2025
52.215-19 Deviation	Notification of Ownership Changes Deviation	Nov 2025
52.215-23 Deviation	Limitations on Pass-Through Charges Deviation	Nov 2025
52.216-5 Deviation	Price Redetermination-Prospective Deviation	Nov 2025
52.216-6 Deviation	Price Redetermination-Retroactive Deviation	Nov 2025
52.217-7	Option for Increased Quantity-Separately Priced Line Item.	Mar 1989
52.219-8 Deviation	Utilization of Small Business Concerns Deviation	Nov 2025
52.219-9 Alternate II Deviation	Small Business Subcontracting Plan Alternate II Deviation	Nov 2025
52.219-16 Deviation	Liquidated Damages - Subcontracting Plan Deviation	Nov 2025
52.219-28 Deviation	Postaward Small Business Program Representation Deviation	Nov 2025
52.222-3 Deviation	Convict Labor Deviation	Nov 2025
52.222-35 Deviation	Equal Opportunity for Veterans Deviation	Nov 2025
52.222-36 Deviation	Equal Opportunity for Workers with Disabilities Deviation	Nov 2025
52.222-37 Deviation	Employment Reports on Veterans Deviation	Nov 2025
52.222-50 Deviation	Combatting Trafficking in Persons Deviation	Nov 2025
52.222-54 Deviation	Employment Eligibility Verification Deviation	Nov 2025
52.222-90 Deviation	Addressing DEI Discrimination by Federal Contractors Deviation	Apr 2026
52.223-20	Aerosols.	May 2024
52.223-23 Deviation	Sustainable Products Deviation	Nov 2025
52.224-3	Privacy Training.	Jan 2017
52.226-7	Drug-Free Workplace.	May 2024
52.226-8	Encouraging Contractor Policies to Ban Text Messaging While Driving.	May 2024
52.227-9	Refund of Royalties.	Apr 1984
52.227-10	Filing of Patent Applications-Classified Subject Matter.	Dec 2007

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52.227-11	Patent Rights-Ownership by the Contractor.	May 2014
52.227-16	Additional Data Requirements.	Jun 1987
52.227-17	Rights in Data-Special Works.	Dec 2007
52.227-21	Technical Data Declaration, Revision, and Withholding of Payment-Major Systems.	May 2014
52.229-3 Deviation	Federal, State, and Local Taxes Deviation	Jul 2025
52.230-2 Deviation	Cost Accounting Standards Deviation	Nov 2025
52.230-6 Deviation	Administration of Cost Accounting Standards Deviation	Nov 2025
52.232-2	Payments under Fixed-Price Research and Development Contracts.	Apr 1984
52.232-9	Limitation on Withholding of Payments.	Apr 1984
52.232-16 Deviation	Progress Payments Deviation	Nov 2025
52.232-17	Interest.	May 2014
52.232-18	Availability of Funds.	Apr 1984
52.232-23	Assignment of Claims.	May 2014
52.232-25	Prompt Payment.	Jan 2017
52.232-33	Payment by Electronic Funds Transfer-System for Award Management.	Oct 2018
52.232-39	Unenforceability of Unauthorized Obligations.	Jun 2013
52.232-40	Providing Accelerated Payments to Small Business Subcontractors.	Mar 2023
52.233-1 Deviation	Disputes Deviation	Nov 2025
52.233-1 Alternate I Deviation	Disputes Alternate I Deviation	Nov 2025
52.233-3 Deviation	Protest after Award Deviation	Nov 2025
52.239-1	Privacy or Security Safeguards.	Aug 1996
52.240-1	Prohibition on Unmanned Aircraft Systems Manufactured or Assembled by American Security Drone Act-Covered Foreign Entities.	Nov 2024
52.242-5	Payments to Small Business Subcontractors.	Jan 2017
52.242-13	Bankruptcy.	Jul 1995
52.243-6 Deviation	Change Order Accounting Deviation	Jun 2025
52.243-7 Deviation	Notification of Changes Deviation	Jun 2025
52.244-2	Subcontracts.	Jun 2020
52.244-2 Alternate I	Subcontracts. Alternate I	Jun 2020
52.245-1	Government Property.	Sep 2021
52.245-1 Alternate I	Government Property. Alternate I	Apr 2012
52.245-9	Use and Charges.	Apr 2012
52.246-25	Limitation of Liability-Services.	Feb 1997
52.246-26	Reporting Nonconforming Items.	Aug 2024
52.249-2	Termination for Convenience of the Government (Fixed-Price).	Apr 2012
52.249-9	Default (Fixed-Price Research and Development).	Apr 1984

Additional Regulation or Supplement Clauses Incorporated by Reference

Number	Title	Effective Date
1852.203-70 Deviation	Display of Inspector General Hotlines Posters. Deviation	Sep 2025
1852.203-71 Deviation	Requirement to Inform Employees of Whistleblower Rights. Deviation	Sep 2025
1852.215-84	Ombudsman.	Nov 2023
1852.219-75	Individual Subcontracting Reports.	Apr 2015
1852.227-11	Patent Rights—Ownership by the Contractor.	Apr 2015
1852.227-88	Government-furnished Computer Software and Related Technical Data.	Apr 2015
1852.235-70 Deviation	NASA Scientific and Technical Information (STI) Compliance and Distribution Services Deviation	Aug 2025
1852.237-72 Deviation	Access to Sensitive Information Deviation	Dec 2025
1852.237-73 Deviation	Release of Sensitive Information Deviation	Dec 2025
1852.246-74 Deviation	Contractor Counterfeit Electronic Part Detection and Avoidance. Deviation	Sep 2025

FAR Clauses Incorporated by Full Text

52.204-21 Basic Safeguarding of Covered Contractor Information Systems. (NOV 2021)

(a) *Definitions*. As used in this clause—

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Covered contractor information system means an information system that is owned or operated by a contractor that processes, stores, or transmits Federal contract information.

Federal contract information means information, not intended for public release, that is provided by or generated for the Government under a contract to develop or deliver a product or service to the Government, but not including information provided by the Government to the public (such as on public websites) or simple transactional information, such as necessary to process payments.

Information means any communication or representation of knowledge such as facts, data, or opinions, in any medium or form, including textual, numerical, graphic, cartographic, narrative, or audiovisual (Committee on National Security Systems Instruction (CNSSI) 4009).

Information system means a discrete set of information resources organized for the collection, processing, maintenance, use, sharing, dissemination, or disposition of information (44 U.S.C. 3502).

Safeguarding means measures or controls that are prescribed to protect information systems.

(b) Safeguarding requirements and procedures.

(1) The Contractor shall apply the following basic safeguarding requirements and procedures to protect covered contractor information systems. Requirements and procedures for basic safeguarding of covered contractor information systems shall include, at a minimum, the following security controls:

(i) Limit information system access to authorized users, processes acting on behalf of authorized users, or devices (including other information systems).

(ii) Limit information system access to the types of transactions and functions that authorized users are permitted to execute.

(iii) Verify and control/limit connections to and use of external information systems.

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(iv) Control information posted or processed on publicly accessible information systems.

(v) Identify information system users, processes acting on behalf of users, or devices.

(vi) Authenticate (or verify) the identities of those users, processes, or devices, as a prerequisite to allowing access to organizational information systems.

(vii) Sanitize or destroy information system media containing Federal Contract Information before disposal or release for reuse.

(viii) Limit physical access to organizational information systems, equipment, and the respective operating environments to authorized individuals.

(ix) Escort visitors and monitor visitor activity; maintain audit logs of physical access; and control and manage physical access devices.

(x) Monitor, control, and protect organizational communications (*i.e.*, information transmitted or received by organizational information systems) at the external boundaries and key internal boundaries of the information systems.

(xi) Implement subnetworks for publicly accessible system components that are physically or logically separated from internal networks.

(xii) Identify, report, and correct information and information system flaws in a timely manner.

(xiii) Provide protection from malicious code at appropriate locations within organizational information systems.

(xiv) Update malicious code protection mechanisms when new releases are available.

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(xv) Perform periodic scans of the information system and real-time scans of files from external sources as files are downloaded, opened, or executed.

(2) *Other requirements.* This clause does not relieve the Contractor of any other specific safeguarding requirements specified by Federal agencies and departments relating to covered contractor information systems generally or other Federal safeguarding requirements for controlled unclassified information (CUI) as established by Executive Order 13556.

(c) *Subcontracts.* The Contractor shall include the substance of this clause, including this paragraph (c), in subcontracts under this contract (including subcontracts for the acquisition of commercial products or commercial services, other than commercially available off-the-shelf items), in which the subcontractor may have Federal contract information residing in or transiting through its information system.

(End of clause)

52.204-28 Governmentwide Acquisition Contracts (DEC 2023)

(a) *Definitions.* As used in this clause—

Covered article as defined in 41 U.S.C. 4713(k), means—

(1) Information technology, as defined in 40 U.S.C. 11101, including cloud computing services of all types;

(2) Telecommunications equipment or telecommunications service, as those terms are defined in section 3 of the Communications Act of 1934 (47 U.S.C. 153);

(3) The processing of information on a Federal or non-Federal information system, subject to the requirements of the Controlled Unclassified Information program (see 32 CFR part 2002); or

(4) Hardware, systems, devices, software, or services that include embedded or incidental information technology.

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FASCSA order, means any of the following orders issued under the Federal Acquisition Supply Chain Security Act (FASCSA) requiring the removal of covered articles from executive agency information systems or the exclusion of one or more named sources or named covered articles from executive agency procurement actions, as described in 41 CFR 201–1.303(d) and (e):

(1) The Secretary of Homeland Security may issue FASCSA orders applicable to civilian agencies, to the extent not covered by paragraph (2) or (3) of this definition. This type of FASCSA order may be referred to as a Department of Homeland Security (DHS) FASCSA order.

(2) The Secretary of Defense may issue FASCSA orders applicable to the Department of Defense (DoD) and national security systems other than sensitive compartmented information systems. This type of FASCSA order may be referred to as a DoD FASCSA order.

(3) The Director of National Intelligence (DNI) may issue FASCSA orders applicable to the intelligence community and sensitive compartmented information systems, to the extent not covered by paragraph (2) of this definition. This type of FASCSA order may be referred to as a DNI FASCSA order.

Intelligence community, as defined by 50 U.S.C. 3003(4), means the following—

(1) The Office of the Director of National Intelligence;

(2) The Central Intelligence Agency;

(3) The National Security Agency;

(4) The Defense Intelligence Agency;

(5) The National Geospatial-Intelligence Agency;

(6) The National Reconnaissance Office;

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(7) Other offices within the Department of Defense for the collection of specialized national intelligence through reconnaissance programs;

(8) The intelligence elements of the Army, the Navy, the Air Force, the Marine Corps, the Coast Guard, the Federal Bureau of Investigation, the Drug Enforcement Administration, and the Department of Energy

(9) The Bureau of Intelligence and Research of the Department of State;

(10) The Office of Intelligence and Analysis of the Department of the Treasury;

(11) The Office of Intelligence and Analysis of the Department of Homeland Security; or

(12) Such other elements of any department or agency as may be designated by the President, or designated jointly by the Director of National Intelligence and the head of the department or agency concerned, as an element of the intelligence community.

National security system, as defined in 44 U.S.C. 3552, means any information system (including any telecommunications system) used or operated by an agency or by a contractor of an agency, or other organization on behalf of an agency—

(1) The function, operation, or use of which involves intelligence activities; involves cryptologic activities related to national security; involves command and control of military forces; involves equipment that is an integral part of a weapon or weapons system; or is critical to the direct fulfillment of military or intelligence missions, but does not include a system that is to be used for routine administrative and business applications (including payroll, finance, logistics, and personnel management applications); or

(2) Is protected at all times by procedures established for information that have been specifically authorized under criteria established by an Executive order or an Act of Congress to be kept classified in the interest of national defense or foreign policy

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Sensitive compartmented information means classified information concerning or derived from intelligence sources, methods, or analytical processes, which is required to be handled within formal access control systems established by the Director of National Intelligence.

Sensitive compartmented information system means a national security system authorized to process or store sensitive compartmented information.

Source means a non-Federal supplier, or potential supplier, of products or services, at any tier.

(b) *Notice.* During contract performance, the Contractor shall be required to comply with any of the following that apply: DHS FASCSA orders, DoD FASCSA orders, or DNI FASCSA orders. The applicable FASCSA order(s) will be identified in the request for quotation (see 8.405-2), or in the notice of intent to place an order (see 16.505(b)). FASCSA orders will be identified in paragraph (b)(1) of FAR 52.204-30, Federal Acquisition Supply Chain Security Act Orders—Prohibition, with its Alternate II.

(c) *Removal.* Upon notification from the contracting officer, during the performance of the contract, the Contractor shall promptly make any necessary changes or modifications to remove any covered article or any product or service produced or provided by a source that is subject to an applicable Governmentwide FASCSA order (see FAR 4.2303(b)).

(End of clause)

52.204-30 Federal Acquisition Supply Chain Security Act Orders—Prohibition. (DEC 2023)

(a) *Definitions.* As used in this clause—

Covered article, as defined in 41 U.S.C. 4713(k), means—

(1) Information technology, as defined in 40 U.S.C. 11101, including cloud computing services of all types;

(2) Telecommunications equipment or telecommunications service, as those terms are defined in section 3 of the Communications Act of 1934 (47 U.S.C. 153);

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(3) The processing of information on a Federal or non-Federal information system, subject to the requirements of the Controlled Unclassified Information program (see 32 CFR part 2002); or

(4) Hardware, systems, devices, software, or services that include embedded or incidental information technology.

FASCSA order means any of the following orders issued under the Federal Acquisition Supply Chain Security Act (FASCSA) requiring the removal of covered articles from executive agency information systems or the exclusion of one or more named sources or named covered articles from executive agency procurement actions, as described in 41 CFR 201–1.303(d) and (e):

(1) The Secretary of Homeland Security may issue FASCSA orders applicable to civilian agencies, to the extent not covered by paragraph (2) or (3) of this definition. This type of FASCSA order may be referred to as a Department of Homeland Security (DHS) FASCSA order.

(2) The Secretary of Defense may issue FASCSA orders applicable to the Department of Defense (DoD) and national security systems other than sensitive compartmented information systems. This type of FASCSA order may be referred to as a DoD FASCSA order.

(3) The Director of National Intelligence (DNI) may issue FASCSA orders applicable to the intelligence community and sensitive compartmented information systems, to the extent not covered by paragraph (2) of this definition. This type of FASCSA order may be referred to as a DNI FASCSA order.

Intelligence community, as defined by 50 U.S.C. 3003(4), means the following—

(1) The Office of the Director of National Intelligence;

(2) The Central Intelligence Agency;

(3) The National Security Agency;

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(4) The Defense Intelligence Agency;

(5) The National Geospatial-Intelligence Agency;

(6) The National Reconnaissance Office;

(7) Other offices within the Department of Defense for the collection of specialized national intelligence through reconnaissance programs;

(8) The intelligence elements of the Army, the Navy, the Air Force, the Marine Corps, the Coast Guard, the Federal Bureau of Investigation, the Drug Enforcement Administration, and the Department of Energy;

(9) The Bureau of Intelligence and Research of the Department of State;

(10) The Office of Intelligence and Analysis of the Department of the Treasury;

(11) The Office of Intelligence and Analysis of the Department of Homeland Security; or

(12) Such other elements of any department or agency as may be designated by the President, or designated jointly by the Director of National Intelligence and the head of the department or agency concerned, as an element of the intelligence community.

National security system, as defined in 44 U.S.C. 3552, means any information system (including any telecommunications system) used or operated by an agency or by a contractor of an agency, or other organization on behalf of an agency—

(1) The function, operation, or use of which involves intelligence activities; involves cryptologic activities related to national security; involves command and control of military forces; involves equipment that is an integral part of a weapon or weapons system; or is critical to the direct fulfillment of military or intelligence missions, but does not include a system that is to be used for routine administrative and business applications (including payroll, finance, logistics, and personnel management applications); or

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(2) Is protected at all times by procedures established for information that have been specifically authorized under criteria established by an Executive order or an Act of Congress to be kept classified in the interest of national defense or foreign policy.

Reasonable inquiry means an inquiry designed to uncover any information in the entity's possession about the identity of any covered articles, or any products or services produced or provided by a source. This applies when the covered article or the source is subject to an applicable FASCSA order. A reasonable inquiry excludes the need to include an internal or third-party audit.

Sensitive compartmented information means classified information concerning or derived from intelligence sources, methods, or analytical processes, which is required to be handled within formal access control systems established by the Director of National Intelligence.

Sensitive compartmented information system means a national security system authorized to process or store sensitive compartmented information.

Source means a non-Federal supplier, or potential supplier, of products or services, at any tier.

(b) *Prohibition.*

(1) Unless an applicable waiver has been issued by the issuing official, Contractors shall not provide or use as part of the performance of the contract any covered article, or any products or services produced or provided by a source, if the covered article or the source is prohibited by an applicable FASCSA orders as follows:

(i) For solicitations and contracts awarded by a Department of Defense contracting office, DoD FASCSA orders apply.

(ii) For all other solicitations and contracts DHS FASCSA orders apply.

(2) The Contractor shall search for the phrase “FASCSA order” in the System for Award Management (SAM) at *https://www.sam.gov* to locate applicable FASCSA orders identified in paragraph (b)(1).

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(3) The Government may identify in the solicitation additional FASCSA orders that are not in SAM, which are effective and apply to the solicitation and resultant contract.

(4) A FASCSA order issued after the date of solicitation applies to this contract only if added by an amendment to the solicitation or modification to the contract (see FAR 4.2304(c)). However, see paragraph (c) of this clause.

(5)

(i) If the contractor wishes to ask for a waiver of the requirements of a new FASCSA order being applied through modification, then the Contractor shall disclose the following:

(A) Name of the product or service provided to the Government;

(B) Name of the covered article or source subject to a FASCSA order;

(C) If applicable, name of the vendor, including the Commercial and Government Entity code and unique entity identifier (if known), that supplied or supplies the covered article or the product or service to the Offeror;

(D) Brand;

(E) Model number (original equipment manufacturer number, manufacturer part number, or wholesaler number);

(F) Item description;

(G) Reason why the applicable covered article or the product or service is being provided or used;

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(ii) *Executive agency review of disclosures.* The contracting officer will review disclosures provided in paragraph (b)(5)(i) to determine if any waiver is warranted. A contracting officer may choose not to pursue a waiver for covered articles or sources otherwise covered by a FASCSA order and to instead pursue other appropriate action.

(c) *Notice and reporting requirement.*

(1) During contract performance, the Contractor shall review *SAM.gov* at least once every three months, or as advised by the Contracting Officer, to check for covered articles subject to FASCSA order(s), or for products or services produced by a source subject to FASCSA order(s) not currently identified under paragraph (b) of this clause.

(2) If the Contractor identifies a new FASCSA order(s) that could impact their supply chain, then the Contractor shall conduct a reasonable inquiry to identify whether a covered article or product or service produced or provided by a source subject to the FASCSA order(s) was provided to the Government or used during contract performance.

(3)

(i) The Contractor shall submit a report to the contracting office as identified in paragraph (c)(3)(ii) of this clause, if the Contractor identifies, including through any notification by a subcontractor at any tier, that a covered article or product or service produced or provided by a source was provided to the Government or used during contract performance and is subject to a FASCSA order(s) identified in paragraph (b) of this clause, or a new FASCSA order identified in paragraph (c)(2) of this clause. For indefinite delivery contracts, the Contractor shall report to both the contracting office for the indefinite delivery contract and the contracting office for any affected order.

(ii) If a report is required to be submitted to a contracting office under (c)(3)(i) of this clause, the Contractor shall submit the report as follows:

(A) If a Department of Defense contracting office, the Contractor shall report to the website at *https://dibnet.dod.mil*.

(B) For all other contracting offices, the Contractor shall report to the Contracting Officer.

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(4) The Contractor shall report the following information for each covered article or each product or service produced or provided by a source, where the covered article or source is subject to a FASCSA order, pursuant to paragraph (c)(3)(i) of this clause:

(i) Within 3 business days from the date of such identification or notification:

(A) Contract number;

(B) Order number(s), if applicable;

(C) Name of the product or service provided to the Government or used during performance of the contract;

(D) Name of the covered article or source subject to a FASCSA order;

(E) If applicable, name of the vendor, including the Commercial and Government Entity code and unique entity identifier (if known), that supplied the covered article or the product or service to the Contractor;

(F) Brand;

(G) Model number (original equipment manufacturer number, manufacturer part number, or wholesaler number);

(H) Item description; and

(I) Any readily available information about mitigation actions undertaken or recommended.

(ii) Within 10 business days of submitting the information in paragraph (c)(4)(i) of this clause:

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(A) Any further available information about mitigation actions undertaken or recommended.

(B) In addition, the Contractor shall describe the efforts it undertook to prevent submission or use of the covered article or the product or service produced or provided by a source subject to an applicable FASCSA order, and any additional efforts that will be incorporated to prevent future submission or use of the covered article or the product or service produced or provided by a source that is subject to an applicable FASCSA order.

(d) *Removal*. For Federal Supply Schedules, Governmentwide acquisition contracts, multi-agency contracts or any other procurement instrument intended for use by multiple agencies, upon notification from the Contracting Officer, during the performance of the contract, the Contractor shall promptly make any necessary changes or modifications to remove any product or service produced or provided by a source that is subject to an applicable FASCSA order.

(e) *Subcontracts*.

(1) The Contractor shall insert the substance of this clause, including this paragraph (e) and excluding paragraph (c)(1) of this clause, in all subcontracts and other contractual instruments, including subcontracts for the acquisition of commercial products and commercial services.

(2) The Government may identify in the solicitation additional FASCSA orders that are not in SAM, which are effective and apply to the contract and any subcontracts and other contractual instruments under the contract. The Contractor or higher-tier subcontractor shall notify their subcontractors, and suppliers under other contractual instruments, that the FASCSA orders in the solicitation that are not in SAM apply to the contract and all subcontracts.

(End of clause)

52.215-21 Requirements for Certified Cost or Pricing Data and Data Other Than Certified Cost or Pricing Data-Modifications (NOV 2025) (Deviation)

(a) Exceptions from certified cost or pricing data.(1) In lieu of submitting certified cost or pricing data for modifications under this contract, for price adjustments expected to exceed the threshold set forth in Federal Acquisition Regulation (FAR) 15.403-3(a) on the date of the agreement on price or the date of the award, whichever is later, the Contractor may submit a written request for exception by submitting the information described in paragraphs (a)(1)(i) and (ii) of this clause. If the threshold for submission of certified cost or pricing data specified in FAR 15.403-3(a) is adjusted for inflation as set forth in FAR part 1, the changed threshold applies throughout the remaining term of the contract, unless there is a subsequent threshold adjustment. The Contracting Officer may require additional supporting information, but only to the extent

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necessary to determine whether an exception should be granted, and whether the price is fair and reasonable—

(i) *Identification of the law or regulation establishing the price offered*. If the price is controlled under law by periodic rulings, reviews, or similar actions of a governmental body, attach a copy of the controlling document, unless it was previously submitted to the contracting office.

(ii) *Information on modifications of contracts or subcontracts for commercial products or commercial services.*(A) If—

(1) The original contract or subcontract was granted an exception from certified cost or pricing data requirements because the price agreed upon was based on adequate price competition or prices set by law or regulation, or was a contract or subcontract for the acquisition of a commercial product or commercial service; and

(2) The modification (to the contract or subcontract) is not exempted based on one of these exceptions, then the Contractor may provide information to establish that the modification would not change the contract or subcontract from a contract or subcontract for the acquisition of a commercial product or commercial service, to a contract or subcontract for the acquisition of other than a commercial product or commercial service.

(B) For a commercial product and commercial service exception, the Contractor shall provide, at a minimum, information on prices at which the same item or similar items have previously been sold that is adequate for evaluating the reasonableness of the price of the modification. Such information may include-

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(1) For catalog items, a copy of or identification of the catalog and its date, or the appropriate pages for the offered items, or a statement that the catalog is on file in the buying office to which the proposal is being submitted. Provide a copy or describe current discount policies and price lists (published or unpublished), e.g., wholesale, original equipment manufacturer, or reseller. Also explain the basis of each offered price and its relationship to the established catalog price, including how the proposed price relates to the price of recent sales in quantities similar to the proposed quantities.

(2) For market-priced items, the source and date or period of the market quotation or other basis for market price, the base amount, and applicable discounts. In addition, describe the nature of the market.

(3) For items included on an active Federal Supply Schedule contract, proof that an exception has been granted for the schedule item.

(2) The Contractor grants the Contracting Officer or an authorized representative the right to examine, at any time before award, books, records, documents, or other directly pertinent records to verify any request for an exception under this clause, and the reasonableness of price. For items priced using catalog or market prices, or law or regulation, access does not extend to cost or profit information or other data relevant solely to the Contractor’s determination of the prices to be offered in the catalog or marketplace.

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(b) *Requirements for certified cost or pricing data*. If the Contractor is not granted an exception from the requirement to submit certified cost or pricing data, the following applies:

(1) The Contractor shall submit certified cost or pricing data, data other than certified cost or pricing data, and supporting attachments in accordance with the instructions contained in Table 15-1 of FAR 15.408-2, which is incorporated by reference with the same force and effect as though it were inserted here in full text. The instructions in Table 15-1 are incorporated as a mandatory format to be used in this contract, unless the Contracting Officer and the Contractor agree to a different format and change this clause to use Alternate I.

(2) As soon as practicable after agreement on price, but before award (except for unpriced actions), the Contractor shall submit a Certificate of Current Cost or Pricing Data, as prescribed by FAR 15.403-4.

(End of clause)

52.217-9 Option to Extend the Term of the Contract. (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor within *1 day*; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least *10* days before the contract expires. The preliminary notice does not commit the Government to an extension.

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

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed *42 months*.

(End of clause)

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52.233-4 Applicable Law for Breach of Contract Claim (NOV 2025) (Deviation)

United States law will apply to resolve any claim of breach of this contract.

(End of clause)

52.243-1 Changes-Fixed-Price (NOV 2025) Alternate I (Deviation)

If no supplies are to be furnished and the requirement is for services, other than architect-engineer or other professional services, the following paragraph (a) will be substituted for paragraph (a) in the basic clause:

(a)(1) At any time, the Contracting Officer may issue a written order making changes within the scope of this contract in any one or more of the following:

(i) Description of services to be performed.

(ii) Time of performance (i.e., hours of the day, days of the week, etc.).

(iii) Place of performance of the services.

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(2) If there are any sureties, the Contracting Officer does not need to notify them of a written order.

52.243-1 Changes-Fixed-Price (NOV 2025) Alternate V (Deviation)

If the requirement is for research and development and it is desired to include the clause, substitute the following subparagraphs (a)(1)(i) and (a)(1)(iii) and paragraph (b) for subparagraphs (a)(1)(i) and (a)(1)(iii) and paragraph (b) of the basic clause:

(a)(1)

(i) Drawings, designs, or specifications.

(iii) Place of inspection, delivery, or acceptance.

(b) If any such change causes an increase or decrease in the cost of, or time required for, performing this contract, whether or not changed by the order, the Contracting Officer shall make an equitable adjustment in—

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(1) The contract price, the time of performance, or both; and

(2) Other affected terms of the contract, and shall modify the contract accordingly.

52.248-1 Value Engineering (NOV 2025) (Deviation)

(a) *General*. The Contractor is encouraged to develop, prepare, and submit value engineering change proposals (VECP's) voluntarily. The Contractor shall share in any net acquisition savings realized from accepted VECP's, in accordance with the incentive sharing rates in paragraph (f) of this clause.

(b) *Definitions*.

Acquisition savings, as used in this clause, means savings resulting from the application of a VECP to contracts awarded by the same contracting office or its successor for essentially the same unit. Acquisition savings include-

(1) Instant contract savings, which are the net cost reductions on this, the instant contract, and which are equal to the instant unit cost reduction multiplied by the number of instant contract units affected by the VECP, less the Contractor's allowable development and implementation costs;

(2) Concurrent contract savings, which are net reductions in the prices of other contracts that are definitized and ongoing at the time the VECP is accepted; and

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(3) Future contract savings, which are the product of the future unit cost reduction multiplied by the number of future contract units in the sharing base. On an instant contract, future contract savings include savings on increases in quantities after VECP acceptance that are due to contract modifications, exercise of options, additional orders, and funding of subsequent year requirements on a multiyear contract.

Collateral costs means agency costs of operation, maintenance, logistic support, or Government-furnished property.

Collateral savings, as used in this clause, means those measurable net reductions resulting from a VECP in the agency's overall projected collateral costs, exclusive of acquisition savings, whether or not the acquisition cost changes.

Contracting office includes any contracting office that the acquisition is transferred to, such as another branch of the agency or another agency's office that is performing a joint acquisition action.

Contractor's development and implementation costs, as used in this clause, means those costs the Contractor incurs on a VECP specifically in developing, testing, preparing, and submitting the VECP, as well as those costs the Contractor incurs to make the contractual changes required by Government acceptance of a VECP.

Future unit cost reduction, as used in this clause, means the instant unit cost reduction adjusted as the Contracting Officer considers necessary for projected learning or changes in quantity during the sharing period. It is calculated at the time the VECP is accepted and applies either-

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(1) Throughout the sharing period, unless the Contracting Officer decides that recalculation is necessary because conditions are significantly different from those previously anticipated; or

(2) To the calculation of a lump-sum payment, which cannot later be revised.

Government costs, as used in this clause, means those agency costs that result directly from developing and implementing the VECP, such as any net increases in the cost of testing, operations, maintenance, and logistics support. The term does not include the normal administrative costs of processing the VECP or any increase in this contract's cost or price resulting from negative instant contract savings.

Instant contract, as used in this clause, means this contract, under which the VECP is submitted. It does not include increases in quantities after acceptance of the VECP that are due to contract modifications, exercise of options, or additional orders. If this is a multiyear contract, the term does not include quantities funded after VECP acceptance. If this contract is a fixed-price contract with prospective price redetermination, the term refers to the period for which firm prices have been established.

Instant unit cost reduction means the amount of the decrease in unit cost of performance (without deducting any Contractor's development or implementation costs) resulting from using the VECP on this, the instant contract. If this is a service contract, the instant unit cost reduction is normally equal to the number of hours per line-item task saved by using the VECP on this contract, multiplied by the appropriate contract labor rate.

Negative instant contract savings means the increase in the cost or price of this contract when the acceptance of a VECP results in an excess of the Contractor's allowable development and implementation costs over the product of the instant unit cost reduction multiplied by the number of instant contract units affected.

Net acquisition savings means total acquisition savings, including instant, concurrent, and future contract savings, less Government costs.

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Sharing base, as used in this clause, means the number of affected end items on contracts of the contracting office accepting the VECP.

Sharing period, as used in this clause, means the period beginning with acceptance of the first unit incorporating the VECP and ending at a calendar date or event determined by the contracting officer for each VECP.

Unit, as used in this clause, means the item or task to which the Contracting Officer and the Contractor agree the VECP applies.

Value engineering change proposal (VECP) means a proposal that-

(1) Requires a change to this, the instant contract, to implement; and

(2) Results in reducing the overall projected cost to the agency without impairing essential functions or characteristics;provided, that it does not involve a change-

(i) In deliverable end item quantities only;

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(ii) In research and development (R&D) end items or R&D test quantities that is due solely to results of previous testing under this contract; or

(iii) To the contract type only.

(c) *VECP preparation.* As a minimum, the Contractor shall include in each VECP the information described in paragraphs (c)(1) through (8) of this clause. If the proposed change is affected by contractually required configuration management or similar procedures, the instructions in those procedures relating to format, identification, and priority assignment shall govern VECP preparation. The VECP shall include the following:

(1) A description of the difference between the existing contract requirement and the proposed requirement, the comparative advantages and disadvantages of each, a justification when an item's function or characteristics are being altered, the effect of the change on the end item's performance, and any pertinent objective test data.

(2) A list and analysis of the contract requirements that must be changed if the VECP is accepted, including any suggested specification revisions.

(3) Identification of the unit to which the VECP applies.

(4) A separate, detailed cost estimate for (i) the affected portions of the existing contract requirement and (ii) the VECP. The cost reduction associated with the VECP shall take into account the Contractor's allowable development and implementation costs, including any amount attributable to subcontracts under the Subcontracts paragraph of this clause.

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(5) A description and estimate of costs the Government may incur in implementing the VECP, such as test and evaluation and operating and support costs.

(6) A prediction of any effects the proposed change would have on collateral costs to the agency.

(7) A statement of the time by which a contract modification accepting the VECP must be issued in order to achieve the maximum cost reduction, noting any effect on the contract completion time or delivery schedule.

(8) Identification of any previous submissions of the VECP, including the dates submitted, the agencies and contract numbers involved, and previous Government actions, if known.

(d) *Submission*. The Contractor shall submit VECP's to the Contracting Officer, unless this contract states otherwise. If this contract is administered by other than the contracting office, the Contractor shall submit a copy of the VECP simultaneously to the Contracting Officer and to the Administrative Contracting Officer.

(e) Government action.(1) The Contracting Officer will notify the Contractor of the status of the VECP within 45 calendar days after the contracting office receives it. If additional time is required, the Contracting Officer will notify the Contractor within the 45-day period and provide the reason for the delay and the expected date of the decision. The Government will process VECP's expeditiously; however, it will not be liable for any delay in acting upon a VECP.

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(2) If the VECP is not accepted, the Contracting Officer will notify the Contractor in writing, explaining the reasons for rejection. The Contractor may withdraw any VECP, in whole or in part, at any time before it is accepted by the Government. The Contracting Officer may require that the Contractor provide written notification before undertaking significant expenditures for VECP effort.

(3) Any VECP may be accepted, in whole or in part, by the Contracting Officer's award of a modification to this contract citing this clause and made either before or within a reasonable time after contract performance is completed. Until such a contract modification applies a VECP to this contract, the Contractor shall perform in accordance with the existing contract. The decision to accept or reject all or part of any VECP is a unilateral decision made solely at the discretion of the Contracting Officer.

(f) *Sharing rates.* If a VECP is accepted, the Contractor shall share in net acquisition savings according to the percentages shown in the table below. The percentage paid the Contractor depends upon-

(1) This contract's type (fixed-price, incentive, or cost-reimbursement);

(2) The sharing arrangement specified in paragraph (a) of this clause (incentive, program requirement, or a combination as delineated in the Schedule); and

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(3) The source of the savings (the instant contract, or concurrent and future contracts), as follows:

Contractor's Share of Net Acquisition Savings (Figure in Percent)

Sharing Arrangement

Contract Type	Incentive (Voluntary)		Program Requirement (Mandatory)		
	Instant Contract Rate	Concurrent and Future Contract Rate	Instant Contract Rate	Concurrent and Future Contract Rate	

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Fixed-price (includes fixed-price-award-fee; excludes other fixed-price incentive contracts)	*50	*50	25	25
Incentive (fixed-price or cost) (other than award fee)	(**)	*50	(**)	25

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Cost-reimbursement (includes cost-plus-award-fee; excludes other cost-type incentive contracts)	***25	***25	15	15	

* The Contracting Office may increase the Contractor's sharing rate to as high as 75 percent for each VECP.

** Same sharing arrangement as the contract's profit or fee adjustment formula.

*** The Contracting Office may increase the Contractor's sharing rate to as high as 50 percent for each VECP.

(g) Calculating net acquisition savings.(1) Acquisition savings are realized when (i) the cost or price is reduced on the instant contract, (ii) reductions are negotiated in concurrent contracts, (iii) future contracts are awarded, or (iv) agreement is reached on a lump-sum payment for future contract savings (see paragraph (i)(4) of this clause). Net acquisition savings are first realized, and the Contractor shall be paid a share, when

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Government costs and any negative instant contract savings have been fully offset against acquisition savings.

(2) Except in incentive contracts, Government costs and any price or cost increases resulting from negative instant contract savings shall be offset against acquisition savings each time such savings are realized until they are fully offset. Then, the Contractor's share is calculated by multiplying net acquisition savings by the appropriate Contractor's percentage sharing rate (see paragraph (f) of this clause). Additional Contractor shares of net acquisition savings shall be paid to the Contractor at the time realized.

(3) If this is an incentive contract, recovery of Government costs on the instant contract shall be deferred and offset against concurrent and future contract savings. The Contractor shall share through the contract incentive structure in savings on the instant contract items affected. Any negative instant contract savings shall be added to the target cost or to the target price and ceiling price, and the amount shall be offset against concurrent and future contract savings.

(4) If the Government does not receive and accept all items on which it paid the Contractor's share, the Contractor shall reimburse the Government for the proportionate share of these payments.

(h) *Contract adjustment*. The modification accepting the VECP (or a subsequent modification issued as soon as possible after any negotiations are completed) shall-

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(1) Reduce the contract price or estimated cost by the amount of instant contract savings, unless this is an incentive contract;

(2) When the amount of instant contract savings is negative, increase the contract price, target price and ceiling price, target cost, or estimated cost by that amount;

(3) Specify the Contractor's dollar share per unit on future contracts, or provide the lump-sum payment;

(4) Specify the amount of any Government costs or negative instant contract savings to be offset in determining net acquisition savings realized from concurrent or future contract savings; and

(5) Provide the Contractor's share of any net acquisition savings under the instant contract in accordance with the following:

(i) Fixed-price contracts-add to contract price.

(ii) Cost-reimbursement contracts-add to contract fee.

(i) Concurrent and future contract savings.(1) Payments of the Contractor's share of concurrent and future contract savings shall be made by a modification to the instant contract in accordance with paragraph (h)(5) of

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this clause. For incentive contracts, shares shall be added as a separate firm-fixed-price line item on the instant contract. The Contractor shall maintain records adequate to identify the first delivered unit for 3 years after final payment under this contract.

(2) The Contracting Officer shall calculate the Contractor's share of concurrent contract savings by-

(i) Subtracting from the reduction in price negotiated on the concurrent contract any Government costs or negative instant contract savings not yet offset; and

(ii) Multiplying the result by the Contractor's sharing rate.

(3) The Contracting Officer shall calculate the Contractor's share of future contract savings by-

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(i) Multiplying the future unit cost reduction by the number of future contract units scheduled for delivery during the sharing period;

(ii) Subtracting any Government costs or negative instant contract savings not yet offset; and

(iii) Multiplying the result by the Contractor's sharing rate.

(4) When the Government wishes and the Contractor agrees, the Contractor's share of future contract savings may be paid in a single lump sum rather than in a series of payments over time as future contracts are awarded. Under this alternate procedure, the future contract savings may be calculated when the VECP is accepted, on the basis of the Contracting Officer's forecast of the number of units that will be delivered during the sharing period. The Contractor's share shall be included in a modification to this contract (see paragraph (h)(3) of this clause) and shall not be subject to subsequent adjustment.

(5) *Alternate no-cost settlement method.* When, in accordance with section 48.104-4 of the Federal Acquisition Regulation (FAR), the Government and the Contractor mutually agree to use the no-cost settlement method, the following applies:

(i) The Contractor will keep all the savings on the instant contract and on its concurrent contracts only.

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(ii) The Government will keep all the savings resulting from concurrent contracts placed on other

sources, savings from all future contracts, and all collateral savings.

(j) *Collateral savings.* If a VECP is accepted, the Contracting Officer will increase the instant contract amount, as specified in paragraph (h)(5) of this clause, by a rate from 20 to 100 percent, as determined by the Contracting Officer, of any projected collateral savings determined to be realized in a typical year of use after subtracting any Government costs not previously offset. However, the Contractor's share of collateral savings will not exceed the contract's firm-fixed-price, target price, target cost, or estimated cost, at the time the VECP is accepted, or $100,000, whichever is greater. The Contracting Officer will be the sole determiner of the amount of collateral savings.

(k) *Relationship to other incentives*. Only those benefits of an accepted VECP not rewardable under performance, design-to-cost (production unit cost, operating and support costs, reliability and maintainability), or similar incentives shall be rewarded under this clause. However, the targets of such incentives affected by the VECP shall not be adjusted because of VECP acceptance. If this contract specifies targets but provides no incentive to surpass them, the value engineering sharing shall apply only to the amount of achievement better than target.

(l) *Subcontracts*. The Contractor shall include an appropriate value engineering clause in any subcontract-valued at or above the simplified acquisition threshold, as defined in FAR 2.101 on the date of subcontract award, and may include one in subcontracts of lesser value. In calculating any adjustment in this contract's price for instant contract savings (or negative instant contract savings), the Contractor's allowable development and implementation costs shall include any subcontractor's allowable development and implementation costs, and any value engineering incentive payments to a subcontractor, clearly resulting from a VECP accepted by the Government under this contract. The Contractor may choose any arrangement for subcontractor value engineering incentive payments, provided, that the payments shall not reduce the Government's share of concurrent or future contract savings or collateral savings.

(m) *Data*. The Contractor may restrict the Government's right to use any part of a VECP or the supporting data by marking the following legend on the affected parts:

"These data, furnished under the Value Engineering clause of contract _____, shall not be disclosed outside the Government or duplicated, used, or disclosed, in whole or in part, for any purpose other than to evaluate a value

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engineering change proposal submitted under the clause. This restriction does not limit the Government's right to use information contained in these data if it has been obtained or is otherwise available from the Contractor or from another source without limitations."

If a VECP is accepted, the Contractor hereby grants the Government unlimited rights in the VECP and supporting data, except that, with respect to data qualifying and submitted as limited rights technical data, the Government shall have the rights specified in the contract modification implementing the VECP and shall appropriately mark the data. (The terms "unlimited rights" and "limited rights" are defined in part 27 of the Federal Acquisition Regulation.)

(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):

FAR Overhaul - Part 52 | Acquisition.GOV

(End of clause)

52.252-6 Authorized Deviations in Clauses. (NOV 2020)

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

(b) The use in this solicitation or contract of any *NASA FAR Supplement* (48 CFR *18*) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

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(End of clause)

NFS Clauses Incorporated by Full Text

1852.219-77 NASA Small Business Supplier Development Program (FEB 2026) (Deviation)

(a) NASA prime contractors are encouraged to participate as mentors in the NASA Small Business Supplier Development Program (the Program) for the purpose of providing developmental assistance to eligible protégés to enhance their capabilities and increase their participation in NASA, other Government, and in commercial contracts and subcontracts.

(b) The Program consists of—

(1) Mentors, which are large business prime contractors or research institutions performing a NASA contract with an individual small business subcontracting plan.

(2) Protégés, which qualify as:

(i) A small business concern;

(ii) A Historically Black College or University, as defined in FAR 52.226-2;

(iii)A Minority-serving institution, as defined in 47 U.S.C. 1306(a)(10); or

(iv)An entity participating in the AbilityOne Program.

(3) Mentor-protégé agreements (MPA) approved by the Contracting Officer and the NASA Office of Small Business Programs (OSBP), and incorporated into the contract.

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(c) Incentives for mentor participation in the Program include credit towards small business subcontracting plan goals for costs incurred and, when applicable, award fee considerations in accordance with NFS 1816.402-474.

(d) Learn more about the Program here - https://www.nasa.gov/osbp/mentor-protegeprogram/

(End of clause)

1852.225-71 Restriction on Funding Activity with China (DEC 2025) (Deviation)

(a) Definition - “China” or “Chinese-owned company” means the People’s Republic of China, any company owned by the People’s Republic of China, or any company incorporated under the laws of the People’s Republic of China.

(b) Public Laws 112-10, Section 1340(a) and 112-55, Section 539, restrict NASA from contracting to participate, collaborate, coordinate bilaterally in any way with China or a Chinese- owned company using funds appropriated on or after April 25, 2011. Contracts for commercial and non-developmental items are exempted from the prohibition because they constitute purchase of goods or services that would not involve participation, collaboration, or coordination between the parties.

(c) This contract may use restricted funding that was appropriated on or after April 25, 2011. The contractor shall not contract with China or Chinese-owned companies for any effort related to this contract except for acquisition of commercial and non-developmental items. If the contractor anticipates making an award to China or Chinese-owned companies, the contractor must contact the contracting officer to determine if funding on this contract can be used for that purpose.

(d) Subcontracts. The contractor shall include the substance of this clause in all subcontracts made hereunder.

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(End of clause)

1852.240-76 Security Requirements for Unclassified Information Technology Resources (JAN 2026) (Deviation)

(a) The contractor must protect the confidentiality, integrity, and availability of NASA Electronic Information and IT resources and protect NASA Electronic Information from unauthorized disclosure.

(b) This clause is applicable to all NASA contractors and sub-contractors that process, manage, access, or store unclassified electronic information, to include Sensitive But Unclassified (SBU) information or Controlled Unclassified Information (CUI), for NASA in support of NASA's missions, programs, projects and/or institutional requirements. Applicable requirements, regulations, policies, and guidelines are identified in the contract. Specific implementation requirements will be addressed in the contract data requirements description. For policy information considered sensitive, the documents will be identified as such in the contract and made available through the Contracting Officer.

(c) Definitions.

(1) IT resources means any hardware or software or interconnected system or subsystem of equipment, that is used to process, manage, access, or store electronic information.

(2) NASA Electronic Information is any data (as defined in the Rights in Data clause of this contract) or information (including information incidental to contract administration, such as financial, administrative, cost or pricing, or management information) that is processed, managed, accessed or stored on an IT system(s) in the performance of a NASA contract.

(3) Federal Information System (FIS). The term “Federal information system” means an information system used or operated by an executive agency, by a contractor of an executive agency, or by another organization on behalf of an executive agency (40 U.S.C. 11331)

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(4) Information System Security Plan (i.e., System Security Plan, IT Security Plan, or Security Plan) means a

formal document that provides an overview of the security requirements for an information system and describes the security controls in place or planned for meeting those requirements.

(d) Contractors that process, store, or transmit federal information or operate information systems on behalf of the federal government must meet the same security and privacy requirements as federal agencies. The contractor must develop and submit an Information Security Plan when operating a FIS or maintaining or collecting information for the purpose of processing, storing, or transmitting federal information, and those activities are not incidental to providing a service or product to the Government. Such FIS plans are to be accomplished in accordance with the current version of NASA Procedural Requirements (NPR) 2810.1 Security of Information and Information Systems. The security plan and Authorization to Operate (ATO) must be in place before any system may operate in the NASA environment. When the contractor does not operate a FIS but receives, process, transmits, or stores NASA information in performance of the contract, the contractor must attest to the ability to secure NASA information within its own IT/information system.

(e) The contractor must afford Government access to the Contractor's and subcontractors' facilities, installations, operations, documentation, databases, and personnel used in performance of the contract. Access must be provided to the extent required to carry out a program of IT inspection (to include vulnerability testing), investigation and audit to safeguard against threats and hazards to the integrity, availability, and confidentiality of NASA Electronic Information or to the function of IT systems operated on behalf of NASA, and to preserve evidence of computer crime. The contractor must report immediately upon notification any incident involving NASA information on non-federal (contractor) systems.

(f) The contractor must provide the name and contact information for the contractor’s IT Security point of contact during phase in of the contract. Contractor employees requiring physical access to NASA facilities or electronic access to NASA systems must complete the NASA Cybersecurity and Privacy Awareness Training.

(g) The contractor must insert this clause, including this paragraph in all subcontracts that process, manage, access or store NASA Electronic Information in support of the mission of the Agency.

(End of clause)

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Section J - List of Attachments

Attachment A: Statement of Work

Attachment B: Data Procurement Document (DPD)

Attachment C: Corporate Contribution

Attachment D: Small Business Subcontracting Plan

Attachment E: Organizational Conflict of Interest Mitigation Plan

Attachment F: Payment Milestones and Acceptance Criteria

Attachment G: Commercial Architecture Security Questionnaire(CASQ)

Attachment H: Deviations and Waiver Request Package

Attachment I: Service Requirements Document (SRD)

Attachment J: Integrated Master Schedule (Baseline)

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