APPENDIX B – Summary of Changes Between Draft and Final Solicitation

This attachment delineates changes made to the draft solicitation, which was posted to www.SAM.gov on September 30, 2025. The changes are a result of comments and questions received from industry and internal reviews. These changes represent all significant changes, but are not intended to be all-inclusive. Grammatical, typographical, and other non-substantive changes have been corrected throughout the RFP.

Index	Section	Page	Clause or Provision	From	To
1	All	All	Where Appropriate and permitted by the Revolutionary FAR Overhaul (RFO) and associated NASA Procurement Class Deviations (PCD)	Shall	Must
2	All	All	Numerous Clauses and Provisions	Clauses and Provisions in FAR and NASA FAR Supplement	Updated Clauses and Provisions in accordance with RFO and associated NASA Procurement Class Deviations (PCD)
3	B	3	CLIN Table, 0004	Unit Each	Unit Job

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4	G	20	1852.216-76, (b)	Beginning *6** months after the effective date of this contract, the Government shall evaluate the contractor's performance every *6** months to determine the amount of award fee earned by the contractor during the period.	Beginning *(see chart after clause)** months after the effective date of this contract, the Government shall evaluate the contractor's performance every (*see chart after clause*)* months to determine the amount of award fee earned by the contractor during the period.
5	G	21	1852.216-76 after (End of Clause)		*See added Anticipated Award Fee Evaluation Period Durations chart and note.*
6	H	29	H.1	It is NASA's intention to transition skills augmentation services from CPAF - CLINS 0002, 0005 and CLINS 0008, 0011 (if exercised) - to CPFF - CLINS 0006, 0007 and CLINS 0012, 0013 (if exercised) - under this contract if the conditions of this special contract requirement are met.	It is NASA's intention to transition all skills augmentation services from CPAF - CLINS 0002, 0005 and CLINS 0008, 0011 (if exercised) - to CPFF - CLINS 0006, 0007 and CLINS 0012, 0013 (if exercised) - under this contract if the conditions of this special contract requirement are met.
7	H	30	H.2	If the Government has exercised the Option to Transition from Award Fee to Fixed Fee - Skills Augmentation, the Government may use this Option to Transition from Fixed Fee to Award Fee - Skills Augmentation special contract requirement to transition skills augmentation requirements from fixed fee (CLINS 0006, 0007, 0012 if exercised, and 0013 if exercised) back to award fee (CLINS 0002, 0005, 0008 if exercised, and 0011 if exercised).	If the Government has exercised the Option to Transition from Award Fee to Fixed Fee - Skills Augmentation, the Government may use this Option to Transition from Fixed Fee to Award Fee - Skills Augmentation special contract requirement to transition all skills augmentation requirements from fixed fee (CLINS 0006, 0007, 0012 if exercised, and 0013 if exercised) back to award fee (CLINS 0002, 0005, 0008 if exercised, and 0011 if exercised).

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8	H	38	MSFC 52.209-91(e)	An initial ACA is required for each of the following relevant NASA contracts: *Safety and Mission Assurance Services II (80MSFC25D0004); Marshall Engineering Technicians and Trades Support (METTS) III (80MSFC23CA004); Marshall Operations Systems, Services, and Integration (MOSSI) II (80MSFC22CA016).*	An initial ACA is required for each of the following relevant NASA contracts: *Safety and Mission Assurance Services II (80MSFC25D0004); Marshall Engineering Technicians and Trades Support (METTS) III (80MSFC23CA004); Marshall Operations Systems, Services, and Integration (MOSSI) II (80MSFC22CA016); MARVELS - Multibody ARTEMIS Vehicle Loads & Dynamics and Simulations Contract # TBD.*
9	H	42	MSFC 52.223-97	The contractor shall ensure that all prime and subcontractor employees supporting the contract complete in a timely manner all applicable mandatory and required training courses listed at https://nasa.sharepoint.com/sites/msfcohr/SitePages/Mandatory-Training.aspx, which indicates course titles, delivery method, frequency, and target audience, and which are subject to change during contract performance.	The contractor shall ensure that all prime and subcontractor employees supporting the contract complete in a timely manner all applicable mandatory and required training courses listed at Attachment J-24 Mandatory and Required Training, as applicable, which indicates course titles, delivery method, frequency, and target audience, and which are subject to change during contract performance.
10	I	46	FAR Clauses Incorporated by Reference		52.219-16 Liquidated Damages – Subcontracting Plan. DEC 2025 (DEVIATION)

Index	Section	Page	Clause or Provision	From	To
11	I	46	FAR Clauses Incorporated by Reference	52.222-43 Fair Labor Standards Act and Service Contract Labor Standards-Price Adjustment (Multiple Year and Option Contracts).	*<Removed>*
12	I	46	FAR Clauses Incorporated by Reference	52.222-44 Fair Labor Standards Act and Service Contract Labor Standards-Price Adjustment.	*<Removed>*
13	I	46	FAR Clauses Incorporated by Reference	52.222-55 Minimum Wages for Contractor Worker Under Executive Order 14026	<Removed> *See full text clause modification in Section I.*
14	I	47	FAR Clauses Incorporated by Reference	52.229-11 Tax on Certain Foreign Procurements – Notice and Representation	*<Removed>* *Moved to Section K.*
15	I	61	52.222-55		52.222-55 Minimum Wages for Contractor Workers Under Executive Order 13658 (due to Revocation of Executive Order 14026) *See full text in Section I.*

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16	I	75	52.232-19	Funds are not presently available for performance under this contract beyond *September 30, 2026.* The Government's obligation for performance of this contract beyond that date is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise for performance under this contract beyond *September 30, 2026…*	Funds are not presently available for performance under this contract beyond *September 30, 2027*. The Government's obligation for performance of this contract beyond that date is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise for performance under this contract beyond *September 30, 2027…*
17	I	76	52.244-2 (d)	(d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer's written consent before placing the following subcontracts: TBD	(d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer's written consent before placing the following subcontracts: N/A
18	I	77	52.244-2 (j)	Paragraphs (c) and (e) of this clause do not apply to the following subcontracts, which were evaluated during negotiations: TBD	Paragraphs (c) and (e) of this clause do not apply to the following subcontracts, which were evaluated during negotiations: N/A
19	J	J-2	List of Attachments	J-24 Additional Section I Full Text Clauses	J-24 Mandatory and Required Training
20	J-1	J-1-5	2.2.15	…with NFS 1852.204-76, Security Requirements for Unclassified Information Technology Resources (DEVIATION 21-01B), NPR 2810.1, Security of Information and Information Systems…	… with NFS 1852.204-76, NPR 2810.1, Security of Information and Information Systems…

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21	J-1	J-1-6	2.2.20		Prepare and submit a Commercial Artificial Intelligence (AI) Risk and Impact Assessment (CAIRIA) in accordance with DRD 1839CD-006.
22	J-1	J-1-6	2.3.1	2.3.1. CMO personnel who are charged as an indirect cost and are not located at on-site facilities under a TO or DO must be located at an off-site Contractor facility, except for safety staff, as noted below.	2.3.1. CMO personnel who are charged as an indirect cost and are not located at on-site facilities under a TO or DO must be located at an off-site Contractor facility, except for safety staff, property management staff and receiving staff, as noted below.
23	J-1	J-1-6	2.3		2.3.5. Contractor may have property management staff and receiving staff onsite to support operations.
24	J-1	J-1-7	2.4.1	Procure, modify, or develop, maintain, and operate the ESSCA II ATOMS Suite…	Make available for use, maintain, and operate an ESSCA II ATOMS Suite…
25	J-1	J-1-7	2.4.1 (3)	The ATOMS Funding Tool (AFT) used to track funding at the subtask level by Procurement Request Line Item (PLI) Accounting Line Item (ALI) applied to the contract;	The ATOMS Funding Tool (AFT) used to track funding at the subtask level by Procurement Request Line Item (PLI) and Accounting Line Item (ALI) applied to the contract;

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26	J-1	J-1-8	2.4.17	Provide timely solutions to ATOMS Suite customer support requests and problem reports to minimize impact to Government operations.	Provide solutions to ATOMS Suite customer support requests and problem reports to minimize impact to Government operations.
27	J-1	J-1-9	2.4.21	Perform any planned preventative maintenance and upgrades from of 5:00 p.m., to 7:00 a.m., Central Time.	Perform any planned preventative maintenance and upgrades from 5:00 p.m. to 7:00 a.m., Central Time, daily.
28	J-1	J-1-9	2.4.25	Develop the ATOMS Suite to enable extensibility of the ATOMS Suite to concurrent or future utilizations by the Government and other Government contractors.	Document the ATOMS build architecture to include a top-level functionality description of the major components (e.g. APT, ART, etc.), interfaces between components, and user interfaces, along with identification and description of whether each is Proprietary, Commercial, Limited Rights, or Unlimited rights. The document must be maintained.
29	J-1	J-1-9	2.4.26	Deliver ATOMS Suite source code and associated documentation at the end of the contract.	Reserved
30	J-1	J-1-11	2.7.1	Procure materials, supplies and equipment necessary for the accomplishment of this PWS, with the exception of property furnished or made available for use under the contract, TOs, and DOs.	Procure only materials, supplies and equipment necessary for the accomplishment of this PWS, with the exception of property furnished or made available for use under the contract, TOs, and DOs.

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31	J-1	J-1-11	2.7.2	… does not exceed $250,000 unless approved…	...does not exceed $150,000 unless approved...
32	J-1	J-1-11	2.7.6		Obtain COR and CO concurrence prior to purchasing any item intended for immediate transfer to the Government and not maintained as Contractor property.
33	J-1	J-1-13	2.10	…under ESSCA II. In accordance with NFS 1801.602-2 (d)(iii), technical direction encompasses…	…under ESSCA II. Technical direction encompasses…
34	J-1	J-1-15	2.14		2.14 Use of Artificial Intelligence (AI) During Contract Performance *See RFP for full section language.*
35	J-1	J-1-16	3.0	CONTRACT MAJOR SKILL CATEGORIES	CONTRACT SKILL CATEGORIES
36	J-1	J-1-16	3.0 Introduction Paragraphs	Major skills	Skills

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37	J-1	J-1-19	3.3.2	Provide technical skills necessary to develop requirements, design, code, and tests of ground software, including real-time simulation and modeling of launch vehicles…	Provide technical skills necessary to develop requirements, design, code, and tests of ground software, including real-time simulation and modeling of launch vehicles*… * *Support for real-time simulation and modeling of the SLS vehicle and subject matter expertise for real-time simulation and modeling for other vehicles will be accessed through another contract.*
38	J-1	J-1-26	3.9.3	Deliver engineering products such as stress and stability analyses, fatigue and fracture analyses, component loads analyses, coupled loads analyses…	Deliver engineering products such as stress and stability analyses, fatigue and fracture analyses, component loads analyses, coupled loads analyses*… * *Support for coupled loads analyses for the SLS vehicle and selected HLS program hardware will be accessed through a separate contract.*
39	J-2	J-2-12	1839CD-001 7. Description /Use	…are met for all IT systems utilized during work associated with this contract and necessary training requirements are fulfilled.	…are met during performance of this contract.

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40	J-2	J-2-12	1839CD-001 15.2 Applicable Documents	FAR 52.204-21 Basic Safeguarding of Covered Contractor Information Systems FAR 52.204–29 Federal Acquisition Supply Chain Security Act Orders-Representation and Disclosures NFS 1852.204-76 Security Requirements for Unclassified IT Resources (DEVIATION 21-02B)	FAR 52.240-91, Security Prohibitions and Exclusions FAR 52.240-93, Basic Safeguarding of Covered Contractor Information Systems NFS 1852.240-76, Security Requirements for Unclassified IT Resources
41	J-2	J-2-14	1839CD-001 15.3 Contents f.	IT Security Role Based Training: Contractor employees subject to this contract must complete NASA's Foundational IT Security Training in SATERN related to the following role-based functions prior to performing the role. 1. IT Security Manager	CYBERSECURITY AND PRIVACY ROLE BASED TRAINING: Contractor employees subject to this contract must complete NASA's Cybersecurity and Privacy Role-Based Security Training in SATERN related to the following role-based functions prior to performing the role 1. Information System Owner (ISO).

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42	J-2	J-2-14	1839CD-001 15.3 Contents f	It is highly recommended, but not required, that Contractor employees complete advanced role-based training every other year following completion of the initial training provided by NASA. This training is also provided by NASA but may be fulfilled externally. If fulfilled externally, the Contractor must provide the "External Role-Based Training Validation Form" to the center CISO. The process for completing this form and receiving credit may be found at: External RBT Validation Form (sharepoint.com).	NAMS access to these roles in the Risk Information Security Compliance System (RISCS) will be restricted to those that have completed the role-based training within a year of the previous training. Only the training specified in SATERN will be valid for the purpose of fulfilling the training requirement and those who do not take the training annually may be suspended from RISCS access.
43	J-2	J-2-14	1839CD-001 15.3 Contents h	A C-SCRM plan, consistent with the recommended template in NIST SP 800-161, Section 3.1 must be delivered prior to the processing, transmission, or storage of non-public NASA information in performance of the contract.	A CSCRM plan addressing contractor systems that will be used in performance of the contract, shall be delivered prior to the processing, transmission, or storage of non-public NASA information on these contractor systems. The C-SCRM plan shall be consistent with the template in NIST SP 800-161, "ICT SCRM Plan Template," or the attached, optional questionnaire
44	J-2	J-2-14	1839CD-001 15.5 Maintenance	Evidence of completion of IT Security Role Based Training is due annually.	Completion of Cybersecurity and Privacy Role Based Training is due annually in SATERN and will be tracked by NASA.
45	J-2	J-2-24			Added: 1839CD-006, Commercial Artificial Intelligence (AI) Risk and Impact Assessment (CAIRIA)

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46	J-2	J-2-30	1839 MA-001 15.3 Contents, a	Description of organizational management structure, listing key personnel and additional Contractor identified essential positions, by title, and rationale to describe how these essential positions contribute to the success of the contract. The Contractor shall describe the qualifications, responsibilities, and authorities of each key personnel and essential position.	Description of organizational management structure, listing essential personnel and additional Contractor identified vital positions, by title, and rationale to describe how these vital positions contribute to the success of the contract. The Contractor must describe the qualifications, responsibilities, and authorities of each essential personnel and vital position.
47	J-2	J-2-31	1839 MA-001 15.3 Contents		Added: q. Documentation requested in Attachment J-1, PWS Section 2.4.25.
48	J-2	J-2-48	1839MA-009 15.1 SCOPE	The Pursuits Culture and Partnering Plan executes agreements with other government agencies…	The Pursuits Culture and Partnering Plan identifies and supports establishment of agreements with other government agencies
49	J-2	J-2-48	1839MA-009 15.1 SCOPE	…Properly established, these technologically demanding…	…Properly established through mechanisms such as Space Act Agreements, these technologically demanding…
50	J-2	J-2-48	1839MA-009 15.3 Contents f	Identifying any NASA actions or dependencies required to implement the proposed approach, such as authorization on a Task Order or change to the contract.	Identifying any NASA actions or dependencies required to implement the proposed approach, such as establishing a Space Act Agreement, authorization on a Task Order, or change to the contract.

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51	J-3	J-3-2	Introductory paragraph	The Contractor is responsible for fulfilling all performance requirements of this contract. This Performance Requirements Summary (PRS) will apply to the ESSCA II contract level. The Government may apply surveillance techniques that cover all or part of the work to assess the Contractor's performance.	The Contractor is responsible for fulfilling all performance requirements of this contract. This Performance Requirements Summary (PRS) will apply to the ESSCA II contract level and will be utilized throughout the life of the contract, regardless of contract type (i.e., CPAF, CPFF, FFP). *Note: If the contractor is performing skills augmentation work under a CPAF CLIN, the Government will rely heavily on assessment mechanisms described in Attachment J-4 Award Fee Evaluation Plan for evaluation of that work.* The Government may apply surveillance techniques that cover all or part of the work to assess the Contractor's performance.

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52	J-3	J-3-2	Consequences of Contractor's Failure to Perform	If the quality level does not meet or exceed the APL in the PRS, the Contractor's quality control is considered unsatisfactory. Unsatisfactory quality control will be included in the Contractor's annual Contractor Performance Assessment Reporting System (CPARS) report. Additionally, all incidents of unmet APLs will be presented to the Engineering Directorate and Procurement Officer when considering whether continued use of the ESSCA II contract (either via continued ordering within a period or exercise of options) is the most advantageous method of fulfilling the Government's need.	If the quality level does not meet or exceed the APL in the PRS, the Contractor's quality control is considered unsatisfactory. Unsatisfactory quality control will be included in the Contractor's annual Contractor Performance Assessment Reporting System (CPARS) report. Any unmet APLs may factor into the contractor's award fee determination for the applicable period. Additionally, all incidents of unmet APLs will be presented to the Engineering Directorate and Procurement Officer when considering whether continued use of the ESSCA II contract (either via continued ordering within a period or exercise of options) is the most advantageous method of fulfilling the Government's need.
53	J-4	J-4-3	1.1 Description of Contract	**TABLE 1** **Period of Performance Table**	<REMOVED>
54	J-4	J-4-3	1.2 Contract Fee Structure	CPAF distribution methodology is presented in Table 2 below: **TABLE 2**	CPAF distribution methodology is presented in Table 1 below: **TABLE 1**

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55	J-4	J-4-4	2.0 Award Fee Evaluation Criteria	N/A	*Note: The Government will evaluate contractor performance using Attachment J-3 Performance Requirements Summary throughout the life of the contract, regardless of contract type. Unmet APLs may impact the contractor's award fee determination for the applicable period.*
56	J-4	J-4-4	2.0 Award Fee Evaluation Criteria	The Contractor's performance will be evaluated in terms of Technical and Management Performance, Cost Control, and Subcontractor Management.	The Contractor's performance will be evaluated in terms of Technical and Management Performance, Cost Control, Subcontractor Engagement, and support to other Centers.
57	J-4	J-4-6	2.3	Subcontract Management Factor	Subcontract Engagement Factor
58	J-4	J-4-4	2.3	Subcontract management will evaluate the management of all subcontracts and affiliates	Subcontract management will evaluate the management of all subcontracts.
59	J-4	J-4-6	2.4	…Technical, management, and cost performance at other centers will be considered under this factor.	… Technical, management, and cost performance at other centers will be considered under this factor. For award fee purposes, support to SSC will be evaluated as part of other Center skills augmentation support.
60	J-7	J-7-2	Schedule of Rates	… Performance Work Statement (PWS), Section 2.5, *Task Management*, and with…	… Performance Work Statement (PWS), Section 2.5, *Order Management*, and with…

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61	J-7	J-7-14	Table J-7-2 Contract Negotiated Rates	Fixed Fee (End-Item Deliverables CLINS 0003 and 0009)	<REMOVED>
62	J-7	J-7-14	Table J-7-2 Contract Negotiated Rates	Profit (End-Item Deliverables CLINS 0004 and 0010)	<REMOVED>
63	J-7	J-7-14	Table J-7-2 Contract Negotiated Rates – Notes	^Offerors are permitted to add additional ODC burden lines in Table J-7-2 to align with burdens among the various ODC categories proposed in the Cost Volume.	^Offerors are permitted to add additional ODC burden lines in Table J-7-2 to align with burdens among the various ODC categories proposed in the Cost Volume. Fee or profit for End-Item Deliverables will be established in each DO. Complexity of the specific deliverable will be considered in establishing the fee or profit.
64	J-7	J-7-29	Essential Personnel Minimum Qualifications		*See added section capturing Essential Personnel Minimum Qualifications*
65	J-8	J-8-4	AG-2	The **ATOMS Suite must** be developed in accordance with Center Information Technology Standards and compliant with, pursuant to The Rehabilitation Act Amendment of 1973, as amended in 1998, Section 508, 29 U.S.C. 794(d) (http://www.section508.gov/).	The **ATOMS Suite must** be in accordance with Center Information Technology Standards and compliant with, pursuant to The Rehabilitation Act Amendment of 1973, as amended in 1998, Section 508, 29 U.S.C. 794(d) (http://www.section508.gov/).

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66	J-8	J-8-7	APT -1 Rationale	This is the information currently captured in ESSCA TORs.	This is the information used to construct heritage TORs, with which the Government is already experienced.
67	J-8	J-8-7	APT -3	The APT shall generate a unique version (also known as revision) number, consisting of a prefix (defined below) and a task-order unique number starting at 0 (for the initial TOR/DOR) and incrementing by 1 (for each subsequent revision) through the life of the TO/DO, up to a maximum of 99.	The APT must generate a unique version (also known as revision) number, consisting of a prefix (defined below) and a task-order unique number starting at 0 (for the initial TOR/DOR) and incrementing by 1 (for each subsequent revision) through the life of the TO/DO.
68	J-8	J-8-16	3.3 Special Cases	During task execution, the Government may identify the need for Technical Direction (TD), issued in writing by the COR, as described in NASA FAR Supplement 1801.602-2(d)(iii), and Attachment J-1, Performance Work Statement (PWS), Section 2.11.	During task execution, the Government may identify the need for Technical Direction (TD), issued in writing by the COR as described in Attachment J-1, Performance Work Statement (PWS), Section 2.11.
69	J-12	J-12-2	Introductory Paragraphs	Unless provided by the Government, equipment and materials necessary for performance of the Task Orders (TOs)/Delivery Orders (DOs) under this contract may be purchased in accordance with PWS Section 2.7.	Unless provided by the Government, equipment and materials necessary for performance of the Task Orders (TOs)/Delivery Orders (DOs) under this contract may be purchased in accordance with PWS Section 2.7. NOTE: Property and services to be provided by other NASA Centers in support of TOs issued by those Centers will be documented in the TOs.

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70	J-13	J-13-1	Title note	Note: This list can change before contract award.	Notes: This list can change before contract award and during contract performance. Property to be furnished by other NASA Centers in support of TOs issued by those Centers will be documented in the TOs."
71	J-16	J-16-1	Title Table		*Wage determinations revision and published date revised in accordance with most recent versions on SAM.gov. See table on J-16-1.*
72	J-18	J-18-10	Table	N/A	PCD Procurement Class Deviation
73	J-18	J-18-13	Table	TCP Total Compensation Plan	<REMOVED>
74	J-24	J-24-1	Full attachment	ADDITIONAL SECTION I FULL TEXT CLAUSES	Mandatory and Required Training
75	K	K-1	FAR Clauses Incorporated by Reference		52.240-90 Security Prohibitions and Exclusions Representations and Certifications. SEP 2025 Deviation
76	L	L-2	NFS 1852.215-81 PROPOSAL PAGE LIMITATIONS (APR 2015) (a), Page Limit	Volume I - Mission Suitability 175 pages	Volume I - Mission Suitability 215 pages

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77	L	L-2	NFS 1852.215-81 PROPOSAL PAGE LIMITATIONS (APR 2015) (a), Excluded Pages	Volume I - Mission Suitability None	Volume I - Mission Suitability Title pages and table of contents
78	L	L-3	NFS 1852.215-81 PROPOSAL PAGE LIMITATIONS (APR 2015) (b) (1)	(b) A page is defined as one sheet, 8 ½″ × 11″, with at least one-inch margins set on all sides (i.e., Microsoft Word, Layout, Margins, Normal, 1”), using not smaller than 12-point type. The metric standard format most closely approximating the described standard 8 ½″ × 11″ size may also be used. Other limitations/instructions identified as follows:”	(b) A page is defined as one sheet, 8 ½″ × 11″, with at least one-inch margins set on all sides (i.e., Microsoft Word, Layout, Margins, Normal, 1”), using not smaller than 12-point type, excluding non-substantive text used in charts, tables, figures, illustrations, or other embedded objects (e.g., pictures or screenshots) which shall be not smaller than 10-point type. The metric standard format most closely approximating the described standard 8 ½″ × 11″ size may also be used. Other limitations/instructions identified as follows:”

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79	L	L-4	NFS 1852.215-81 PROPOSAL PAGE LIMITATIONS (APR 2015) (b) (7)(F)	Font style shall be Times New Roman and the font size shall be not smaller than 12-point for all text, including text used in charts, tables, figures, illustrations, or other embedded objects (e.g., pictures or screenshots).	Font style shall be Times New Roman and the font size shall be not smaller than 12-point for all text, excluding non-substantive text used in charts, tables, figures, illustrations, or other embedded objects (e.g., pictures or screenshots). Non-substantive text used in charts, tables, figures, illustrations, or other embedded objects (e.g., pictures or screenshots) shall be not smaller than Times New Roman 10-point font. Offerors should exercise caution when inserting charts, tables, figures, illustrations, or other embedded objects to ensure that all text complies with the stated guidelines. This smaller font is intended to facilitate only the limited text normally associated with the aforementioned types of imbedded objects. The inclusion of narrative text in these types of imbedded objects may be considered non-compliant text. Any text determined non-compliant will not be evaluated; however, any remaining content will be evaluated.

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80	L	L-5	NFS 1852.215-81 PROPOSAL PAGE LIMITATIONS (APR 2015) (b) (8)	The following paragraph replaces paragraph (c) below: (c) Items which are excluded from the page limits specified in paragraph (a) of this provision are only as follows: none are excluded from the Mission Suitability volume page limitation. Attachment L-2, Past Performance Questionnaire, is excluded from the Past Performance volume page limitation. There are no other exclusions from the page limitations established for the page limited volumes. In addition, the Cost or Price volume of your proposal is not page limited. However, this volume shall be strictly limited to cost and price information and total compensation plan information, if applicable. Information that can be construed as belonging in one of the other volumes of the proposal will be so construed and counted against that volume's page limitation."	The following paragraph replaces paragraph (c) below: "(c) Items which are excluded from the page limits specified in paragraph (a) of this provision are only as follows: title pages and table of contents are excluded from the Mission Suitability and Past Performance volume page limitations. Attachment L-2, Past Performance Questionnaire, is excluded from the Past Performance volume page limitation. There are no other exclusions from the page limitations established for the page limited volumes. In addition, the Cost or Price volume of your proposal is not page limited. However, this volume shall be strictly limited to cost and price information and compensation information, if applicable. Information that can be construed as belonging in one of the other volumes of the proposal will be so construed and counted against that volume's page limitation."

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81	L	L-7	52.205-90	(a) The designated point of contact for this acquisition is: NASA, George C. Marshall Space Flight Center Attn: Sadie Moulton, PS20 E-mail: sadie.m.moulton@nasa.gov Solicitation number: 80MSFC26R0002 (b) Questions and comments relative to this acquisition shall be submitted via email to the point of contact specified above no later than October 20, 2025, 2:00 p.m., Central Time.	(a) The designated point of contact for this acquisition is: NASA, George C. Marshall Space Flight Center Attn: Sadie Moulton, PS50 E-mail: sadie.m.moulton@nasa.gov Solicitation number: 80MSFC26R0002 (b) Questions and comments relative to this acquisition shall be submitted via email to the point of contact specified above no later than February 10, 2026, 2:00 p.m., Central Time.
82	L	L-7	52.210-91	MSFC 52.210-91 Virtual Industry Day Meeting (JUN 2020)	<REMOVED>
83	L	L-8	52.215-91, (a) table		*See revised Due Date and Local Time column within (a) of the clause.*
84	L	L-12	Volume I – Mission Suitability Volume Instructions (c) Table		*See revised table in (c) of provision, which aligns with changes made to Mission Suitability Volume.*
85	L	L-13	Subfactor A: (c)	Approach to assisting the organization in defining and planning support for new programs and projects (see PWS section 2.2.17).	Approach to assisting the organization in defining and planning support for new programs and projects (see PWS section 2.2.16).

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86	L	L-14	MTA3: a)	Description of organizational management structure, listing essential positions by title, and providing rationale to describe how these essential positions contribute to the success of the contract. The Offeror shall also describe the qualifications, responsibilities, and authorities of each essential position.	Description of organizational structure, listing vital positions by title, and providing rationale to describe how these vital positions contribute to the success of the contract. The Offeror must also describe the qualifications, responsibilities, and authorities of each vital position.
87	L	L-16	MTA8	Technical Innovations The Offeror shall describe any proposed technical innovation(s). If proposed, the Offeror shall provide supporting rationale for proposed innovations to include past experience with the implementation of the proposed innovation(s) on requirements comparable to ESSCA II.	No-Cost Innovations The Offeror is encouraged to describe proposed no-cost innovation(s) which, if accepted, could be implemented at no-cost to the Government. If proposed, the Offeror should provide supporting rationale for the proposed innovations. Also include past experience, if available, with the implementation of the proposed innovation(s) on requirements comparable to ESSCA II.
88	L	L-16	MTA9	MTA9: Management Innovations	<Removed>
89	L	L-16 to L-19	Mission Suitability Subfactor B, Workforce Sustainment and Total Compensation		*See revisions to Mission Suitability Subfactor B text including reorganization of requirements, revision to workforce flexibility requirements, removal of Total Compensation Plan requirement, change from key personnel to essential personnel, removal of workforce recruitment innovations, and removal of workforce development innovations.*

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90	L	L-19	Subfactor C: note	Note: Small business Offerors are not required to respond to this subfactor.	<REMOVED>
91	L	L-19	Subfactor C, (b) SB1		Note: Small Business Offerors are not required to respond to SB1.
92	L	L-20	Volume II – (a)(4)	Additionally, in accordance with FAR 15.404-3(c)(2), all applicable proposed subcontractors, to include interdivisional and/or intra-company effort, which provide at least 2.5% of the total anticipated Contract Year 1 Work Year Equivalent (WYE) personnel as reflected in Attachment L-1, Excel Pricing Model, shall submit a complete Cost volume electronically in accordance…	Additionally, in accordance with FAR 15.404-8 all major subcontractors, to include interdivisional and/or intra-company effort, which provide at least 5% of the total anticipated Base Ordering Period (five years) Work Year Equivalent (WYE) personnel as reflected in Attachment L-1, Excel Pricing Model, shall submit a complete Cost volume electronically in accordance…
93	L	L-21	Table L-1	Section 4 - Offeror/Applicable Subcontractors Information Summary	Section 4 - Offeror/Major Subcontractors Information Summary
94	L	L-22	Table L-1	Total Compensation Plan and Attachment L-3, Total Compensation Rate Build-up Form	<REMOVED>
95	L	L-22	Table L-1	Attachment L-1 (to be completed by Offeror and applicable subcontractors)	Attachment L-1 (to be completed by Offeror and major subcontractors)
96	L	L-22	A	(Also described in 4. Total Compensation Plan below.)	<Removed.>
97	L	L-23	C	…each applicable subcontractor…	…each major subcontractor…
98	L	L-23	D	…each applicable subcontractor…	…each major subcontractor…

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99	L	L-23	F	In accordance with sound business practices and applicable labor laws, the Offeror and applicable subcontractors shall propose reasonable labor rate increases for labor rates not defined by Forward Pricing Rate Agreement (FPRA). The following not-to-exceed uniform rates of change for Calendar Years 2026 through 2033 as provided in Table L-2, Escalation Rates, below are considered reasonable escalation rates in accordance with IHS Markit Economic and Country Risk Forecast.	In accordance with sound business practices and applicable labor laws, the Offeror and major subcontractors shall propose reasonable labor rate increases for labor rates not defined by Forward Pricing Rate Agreement (FPRA). The following not-to-exceed uniform rates of change for Calendar Years 2027 through 2035 as provided in Table L-2, Escalation Rates, below are considered reasonable escalation rates in accordance with IHS Markit Economic and Country Risk Forecast.
100	L	L-24	Table L-2 Escalation Rates		*See revised Table L-2 Escalation Rates for adjustments and addition of 2034 and 2035.*
101	L	L-24	G	…each applicable subcontractor…	…each major subcontractor…
102	L	L-24	H	(including applicable subcontractors)	(including major subcontractors)
103	L	L-24	ii. Section 2 – Basis of Estimate (BOE) Summary		*See significantly revised ii. Section 2 - Basis of Estimate (BOE) summary including addition of necessary compensation information, escalation of benchmark rates to align with contract base year in 2027, and clarifying note in ODC section.*

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104	L	L-31	iii. Section 3 – Financial Capability	The Offeror and applicable subcontractors shall submit one copy of its audited financial statements and accompanying notes for the last three most recently completed fiscal years (for small businesses, Small Business Administration submittals, as well as unaudited financial statements are acceptable).	The Offeror and major subcontractors shall submit one copy of its audited financial statements and accompanying notes for the last three most recently completed fiscal years (for small businesses, Small Business Administration submittals, as well as unaudited financial statements are acceptable).
105	L	L-30	iii. Section 3 – Financial Capability	The Offeror and applicable subcontractors shall provide a summary of financial ratios including quick ratio, current ratio, summary of working capital, and debt to equity ratio for the three most recently completed fiscal years.	The Offeror and major subcontractors shall provide a summary of financial ratios including quick ratio, current ratio, summary of working capital, and debt to equity ratio for the three most recently completed fiscal years.
106	L	L-30	iv. Section 4		*See revised section, changing all references to applicable subcontractor to major subcontractor.*

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107	L	L-31	v. Section 5 – Fee/Profit	The Offeror and applicable subcontractor shall provide a description of proposed fee/profit structure. For the Offeror, if a fee sharing pool arrangement is proposed, include a discussion of the arrangement and the distribution of fee earned.	This procurement anticipates both CPAF and CPFF orders. CPAF orders are anticipated to cover Contract Years 1 – 4 and CPFF orders are anticipated to cover Contract Years 5 – 8 and the 6-month option to extend services. Offerors and major subcontractors are to include a discussion of how the proposed award fee and fixed fee rates were derived and why it is reasonable for the type of effort. If a fee pool sharing arrangement is proposed, include a discussion of the arrangement and the distribution of fee earned.
108	L	L-31	i., General Instructions for Completing the EPM, B.		Added: The Offeror is responsible for ensuring the accuracy of formulas and figures. If any Offeror modifications affect Government prepopulated formulas the Offeror is responsible for ensuring impacts of the Offeror modifications are carried through the Government provided template and the accuracy of all formulas/numbers. If an Offeror enters data or modifies a formula in a non-highlighted cell, Offeror must highlight the cell in red and provide explanation of the changes.

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109	L	L-32	i., General Instructions for Completing the EPM, C.	These templates shall be submitted for each Offeror and applicable subcontractor in accordance with Table L-3 above. [NOTE: Section L provision Electronic Submission of Proposals - Proposal Marking and Delivery Through NASA's EFSS Box, paragraph (e), indicates that the acceptable individual file names delineated in this paragraph are provided as examples. These Cost/price volume instructions require a more specific naming convention for Cost/Price volume submissions in order to more easily identify Offeror and applicable subcontractor Cost/Price volume submissions, consistent with the structure identified for EFSS Box proposal submission.]	These templates shall be submitted for each Offeror and major subcontractor in accordance with Table L-3 above. [NOTE: Section L provision Electronic Submission of Proposals - Proposal Marking and Delivery Through NASA's EFSS Box, paragraph (e), indicates that the acceptable individual file names delineated in this paragraph are provided as examples. These Cost/price volume instructions require a more specific naming convention for Cost/Price volume submissions in order to more easily identify Offeror and major subcontractor Cost/Price volume submissions, consistent with the structure identified for EFSS Box proposal submission.]

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110	L	L-32	ii., Attachment L-1	Attachment L-1 (to be completed by Offeror and applicable subcontractors) The Offeror and applicable subcontractor(s) shall comply with the instructions contained within the pricing template(s) tab(s). Attachment L-1 shall represent a fully integrated pricing strategy to include all subcontractors. Attachment L-1 includes the following tabs, which are to be completed by the Offeror and applicable subcontractors.	Attachment L-1 (to be completed by Offeror and major subcontractors) The Offeror and major subcontractor(s) shall comply with the instructions contained within the pricing template(s) tab(s). Attachment L-1 shall represent a fully integrated pricing strategy to include all subcontractors. Attachment L-1 includes the following tabs, which are to be completed by the Offeror and major subcontractors.
111	L	L-32	ii., Attachment L-1, A. Tab A	The prime will submit the total subcontract dollars in this tab which should reconcile to each subcontractor's EPM Tab A. The subcontractor's total should not include ODC cost, this is only needed for the Prime's total. Phase-in price should be input in cell C4, not to exceed $600,000. The ODC cost is provided. Note: ODC cost should not be assumed to include any cost to pay for workforce.	The prime will submit the total subcontract dollars in this tab which should reconcile to each major subcontractor's EPM Tab A. The subcontractor's total should not include ODC cost, this is only needed for the Prime's total. Phase-in price should be input in cell C4, not to exceed $600,000. The ODC cost is provided. Note: Government-provided ODC cost does not include any cost to pay for workforce.
112	L	L-33	ii., Attachment L-1, B. Tab B		Added: The offeror rate should be inclusive of the minor subcontractors. The pre-populated estimate of labor hours for each labor category in Column L must not be modified.

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113	L	L-33	ii., Attachment L-1, B. Tab B	The labor dollars, fringe, OH, CMO, and G&A are all computed based on the percentage share assigned by labor category and location. Offerors shall not propose less than the base labor rates shown for the following Service Contract Labor Standards (SCLS) labor categories at MSFC to further retention at the Engineer Technician level:	The labor dollars, fringe, OH, CMO, and G&A are all computed based on the percentage share assigned by labor category and location. The offeror rate should be inclusive of the minor subcontractors. The pre-populated estimate of labor hours for each labor category in Column L must not be modified. Offerors must not propose less than the minimally acceptable average direct labor rates shown for the following SCLS labor categories at MSFC to further retention at the Engineer Technician level:
114	L	L-33	ii., Attachment L-1, A. Tab B, Table		*See updates to table including revision of ET-3 and ET-4 rates, as well removal of Source column.*
115	L	L-33	ii., Attachment L-1, A. Tab B	Additionally, the Offeror and applicable subcontractors shall propose no less than the rates contained in the applicable Wage Determination for positions subject to the SCLS (i.e., Engineering Technician) provided with this solicitation for other locations/Centers (see Attachment J-16).	Additionally, the Offeror and major subcontractors shall propose no less than the rates contained in the applicable Wage Determination for positions subject to the SCLS (i.e., Engineering Technician) provided with this solicitation for other locations/Centers (see Attachment J-16).

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116	L	L-34	ii., Attachment L-1, A. Tab C	Tab C - Productive Hours Per WYE Conversion Table (To be completed by Offeror and applicable subcontractors)	Tab C - Productive Hours Per WYE Conversion Table (To be completed by Offeror and major subcontractors)
117	L	L-33	ii., Attachment L-1, A. Tab E	Tab E - Schedule of Overhead, G&A and Other Indirect Rates Calculation (To be completed by Offeror and Applicable Subcontractors)	Tab E - Schedule of Overhead, G&A and Other Indirect Rates Calculation (To be completed by Offeror and Major Subcontractors)
118	L	L-34	ii., Attachment L-1, A. Tab F	Tab F - Fringe Benefit Rate Calculation/Detail (To be completed by Offeror and Subcontractors) This tab includes the development of the fringe rate including the payroll additive computation. The Offeror shall ensure that the estimates for fringe benefits shown in this tab are incorporated into their proposed contract cost in accordance with their normal accounting and estimating practices for each contract year. The Offeror can duplicate fringe benefit rate calculation tables if additional locations require a specific Fringe Rate.	Tab F - Fringe Benefit Rate Calculation/Detail (To be completed by Offeror and Major Subcontractors) This tab includes the development of the fringe rate including the payroll additive computation. The Offeror must ensure that the estimates for fringe benefits shown in this tab are incorporated into their proposed contract cost in accordance with their normal accounting and estimating practices for each contract year. The Offeror can duplicate fringe benefit rate calculation tables if additional locations require a specific Fringe Rate. Provide cost history for the prior three fiscal years and current fiscal year (actuals and budgeted) and projected for the term of the contract.

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119	L	L-34	ii., Attachment L-1, A. Tab G	This tab is designed to develop the composite IDIQ rates by contract year, by Center. The composite IDIQ rates will be used to complete Attachment J-7-1, Schedule of Rates.	This tab is designed to develop the composite IDIQ rates by contract year, by Center. The composite IDIQ rates must be used to complete Attachment J-7-1, Schedule of Rates.
120	L	L-34	ii., Attachment L-1, A. Tab G	The Prime Offeror shall input any handling/profit proposed on subcontractors in cell D9.	The Prime Offeror shall input any handling (not including prime fee) proposed on subcontractors in cell D9.
121	L	L-35	ii., Attachment L-1, A. Tab H	Tab H – Cognizant Audit Office Form (To be completed by the Prime Offeror and applicable subcontractors)	Tab H – Cognizant Audit Office Form (To be completed by the Prime Offeror and major subcontractors)
122	L	L-35	ii., Attachment L-1, A. Tab I	The Offeror and applicable subcontractor(s) should prepare their Cost volume in a manner that is consistent with its current accounting system.	The Offeror and major subcontractor(s) should prepare their Cost volume in a manner that is consistent with its current accounting system.
123	L	L-35	4. Total Compensation Plan		*<Section Removed>*
124	L	L-36	Volume III – Past Performance Volume Instructions (b)	A major subcontractor is defined as providing at least 5% of the total anticipated Contract Year 1 work year equivalent (WYE) personnel which is considered sufficient to potentially have some positive impact on successful performance of the contract.	A major subcontractor is defined as providing at least 5% of the total anticipated base ordering period (five years) work year equivalent (WYE) personnel which is considered sufficient to potentially have some positive impact on successful performance of the contract.

125	L	L-36	Volume III – Past Performance Volume Instructions (d) (2)	Content - For Offerors, a referenced contract's content relevancy will be determined based on how well the work performed aligns with the applicable elements of Attachment J-1, Performance Work Statement (PWS) (see PWS WYE Percentage Assignment Table below), and for subcontractors, how well the work performed aligns with the subcontractor's proposed workshare, as indicated in the PWS WYE Percentage Assignment Table. For the Offeror, referenced contract(s) shall demonstrate relevant experience in at least four of the 14 PWS elements identified in the PWS WYE Percentage Assignment Table [i.e., PWS Sections 2.0 (2.1, 2.4, 2.5, 2.6, and 2.10), 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 3.11, 3.12, 4.0] to be considered relevant in content. For proposed subcontractor(s), relevancy will be determined relative to the content element(s) assigned to that subcontractor.	Content - For Offerors, a referenced contract's content relevancy will be determined based on how well the work performed aligns with the applicable content elements in the Past Performance Content Element WYE Table, shown below. Content elements are groupings of varied *Attachment J-1, Performance Work Statement* elements and have been established for Past Performance evaluation purposes only. For the Offeror, referenced contract(s) shall demonstrate relevant experience in at least two of the five content element groups identified in the Past Performance Content Element WYE Table to be considered relevant in content. An Offeror's referenced contract can demonstrate relevant experience for any of the elements in a content element group to be considered relevant for the entire group. For subcontractors, a referenced contract's content relevancy will be determined based on how well the work performed in the referenced contract aligns with the subcontractor's proposed workshare, as indicated in the PWS Element WYE Percentage Assignment Table. For proposed subcontractor(s), relevancy will be determined relative to the specific individual PWS elements assigned to that subcontractor.

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126	L	L-37	Volume III – Past Performance Volume Instructions (e) Section I (2)	Description of contract work performed that demonstrates alignment with the contract work being proposed for this effort. It is not sufficient to state the referenced contract is comparable in size, content, and/or complexity. Rather, the description shall be sufficiently detailed to allow for effective evaluation and substantiation and should indicate the specific PWS area to which the narrative description applies (e.g., PWS 2.1, PWS 3.1.2).	Description of contract work performed that demonstrates alignment with the contract work being proposed for this effort. It is not sufficient to state the referenced contract is comparable in size, content, and/or complexity. Rather, the description shall be sufficiently detailed to allow for effective evaluation and substantiation and should indicate the specific PWS element (s) within the content element group to which the narrative description applies (e.g., PWS 2.1, PWS 3.1, 3.7.).
127	L	L-38	Volume III – Past Performance Volume Instructions (e) Section I (8)	Average number of personnel on the contract per year and voluntary turnover history for exempt and non-exempt employees.	Average number of personnel on the contract per year and voluntary turnover history for exempt and non-exempt employees. There is no expectation that the average number of personnel on the referenced contract will be fully accounted for in the Past Performance Content Element WYE Table or PWS Element WYE Percentage Assignment Table.

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128	L	L-39	Volume III – Past Performance Volume Instructions (e) Section II (1)	Past Performance Contracts Summary Table – Offerors shall provide a completed summary table of applicable past performance information using the sample format provided below in order to correlate the Offeror's past performance information with the applicable sections of the PWS for this acquisition. The table shall indicate the average number of WYE personnel by PWS associated with the effort. Offerors shall delete the example information for Referenced Contract #1 for replacement with applicable data.	Past Performance Content Element WYE Table – Offerors shall provide a completed summary table of applicable past performance information using the sample format provided below in order to correlate the Offeror's past performance information with the applicable element content for this acquisition. The table shall indicate the average number of WYE personnel by element content associated with the effort. Offerors shall delete the example information for Referenced Contract #1 for replacement with applicable data.
129	L	L-39	Volume III – Past Performance Volume Instructions (e) Section II (1)		*See significant revisions to Past Performance Content Element WYE Table*
130	L	L-40	Volume III – Past Performance Volume Instructions (e) Section II (2)	PWS WYE Percentage Assignment Table	PWS Element WYE Percentage Assignment Table *See significant revisions to PWS Element WYE Percentage Assignment Table*

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131	L	L-43	Volume IV-Contract Instructions, (c)(1)(x)	Company acquisitions/mergers/restructure - If the Offeror is involved in an impending or already consummated corporate transaction such as an acquisition, or merger with another company, or restructuring, whether announced publicly or not, the Offeror shall provide information to convey any potential impacts of that corporate transaction on its proposal and any subsequent contract that may be awarded. The following shall be addressed.	Company acquisitions/mergers/restructure - If the Offeror is involved in an impending or already consummated corporate transaction such as an acquisition, or merger with another company, or restructuring, whether announced publicly or not, the Offeror must provide information to convey any potential impacts of that corporate transaction on its proposal and any subsequent contract that may be awarded. For purposes of this solicitation, a corporate transaction must be considered consummated when it has legally closed. Offerors must disclose any such transactions consummated within the 12 months prior to proposal submission, as well as any pending transactions, and describe any potential impacts on contract performance. An impending corporate transaction is one that is reasonably expected to be consummated within 180 days after proposal submission and for which the Offeror has entered into a binding agreement or similar arrangement. Offerors must disclose such transactions and describe any potential impacts on performance. The following must be addressed:

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132	L	L-44	Volume IV-Contract Instructions, (c)(1)(x)	Failure to fully address how the merger, acquisition, or restructuring will affect your proposal may render it ineligible for award under FAR Part 9.1. If such transaction occurs or is initiated after proposal submission, the Offeror must provide notice of the transaction to the point of contact specified in the provision MSFC 52.205-90, Designated Point of Contact.	Failure to fully address how the merger, acquisition, or restructuring will affect your proposal may render it ineligible for award under FAR Part 9.1. If such transaction occurs or is initiated after proposal submission, the Offeror must provide notice of the transaction to the point of contact specified in the provision MSFC 52.205-90, Designated Point of Contact. Post proposal submission of a merger or acquisition will be viewed as an eligibility matter for award that will entitle communications without triggering negotiations.
133	L	L-2-2			Added: and cc Erin Richardson at erin.h.richardson@nasa.gov.
134	L	L-2-3	3.		*See added PWS sections to match Past Performance instructions.*
135	L	L-2-12			Added two new questions to Past Performance questionnaire under the Management section.

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136	L	L-2-17	Form Letter Example	Please forward the completed evaluation to NASA at the above email address to ensure it is received no later than January 15, 2026, 2:00 p.m. Central Time. In order to maintain the integrity of this process, please DO NOT return the questionnaire to us. Return it to NASA/MSFC at the address listed above.	Please forward the completed evaluation to NASA at the above email address to ensure it is received no later than March 11, 2026, 2:00 p.m. Central Time. In order to maintain the integrity of this process, please DO NOT return the questionnaire to us. Return it to NASA/MSFC at the address listed above.
137	L	L-2-17	Form Letter Example	Attention: Sadie Moulton, PS20 Email: sadie.m.moulton@nasa.gov	Attention: Sadie Moulton, PS20 Erin Richardson/EM01 Email: sadie.m.moulton@nasa.gov erin.h.richardson@nasa.gov
138	L	L-3	Full attachment		Reserved
139	L	L-4	Example End-Item Deliverable		*See significant revisions to L-4 attachment to clarify intent of example.*
140	L	L-5			Multiple organization charts have been updated.
141	L	L-5-27	Table 5	Table 5 below shows the actual, cumulative total of travel, materials, and Government-directed training costs for the contract, as of December 2024.	Table 5 below shows the actual, cumulative total of travel, materials, and Government-directed training costs for the contract, as of December 2025.
142	L	L-5-28	Tables 6		Added Table 6: Cost category description and examples

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143	L	L-7-1	Requirements Matrix Instructions	Per Section L, Volume I - Mission Suitability Volume Instructions, (d), MTA 4, Offerors are required to submit a completed ATOMS Suite requirements matrix indicating their responses to the ATOMS Suite requirements. Proposals received without a fully completed matrix may receive a weakness during proposal evaluation. Offerors' responses shall be in accordance with the codes and instructions as defined in the table below. In the "Comments" column for each requirement, Offerors should include information to demonstrate how their solution meets the requirements, not just state "meets." Failure to demonstrate how the requirements are met will be reflected in the evaluation of the proposal.	Per Section L, Volume I - Mission Suitability Volume Instructions, (d), MTA 4, Offerors are required to submit a completed ATOMS Suite requirements matrix indicating their responses to the ATOMS Suite requirements. Proposals received without a fully completed matrix may receive a weakness during proposal evaluation. Offerors' responses must be in accordance with the codes and instructions as defined in the table below. In the "Comments" column for each requirement, Offerors should include information to explain how their solution meets the requirements, not just state "meets." Offerors may refer to related content in other areas of their Mission Suitability volume to complete the explanation. Failure to explain how the requirements are met will be reflected in the evaluation of the proposal.
144	L	L-7-1	Response Code F	Fully Supports (proposed solution fully supports this requirement) *Note - Offerors shall provide language demonstrating how their proposed solution supports the requirement. Additional information provided in the Mission Suitability volume of this proposal can also be cross-referenced.*	Fully Supports (proposed solution fully supports this requirement) *Note - Offerors must provide language explaining how their proposed solution supports the requirement. Additional information provided in the Mission Suitability volume of this proposal can also be cross-referenced.*

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145	L	L-7-4	#23	Perform any planned preventative maintenance and upgrades between the hours of 5:00 p.m., and 7:00 a.m., Central Time.	Perform any planned preventative maintenance and upgrades between the hours of 5:00 p.m., and 7:00 a.m., Central Time, daily.
146	L	L-7-5	#27	Develop the ATOMS Suite to enable extensibility of the ATOMS Suite to concurrent or future utilizations by the Government and other Government contractors.	Document the ATOMS build architecture to include a top-level functionality description of the major components (e.g. APT, ART, etc.), interfaces between components, and user interfaces, along with identification and description of whether each is Proprietary, Commercial, Limited Rights, or Unlimited rights. The document must be maintained.
147	L	L-7-5	#28	Deliver ATOMS Suite source code and associated design documentation at the end of the contract.	<Reserved>
148	M	M-3	Factor I – Mission Suitability Volume Evaluation (a), Subfactor A, MTA4	MTA4: ATOMS Suite of Tools NASA will evaluate responses to the ATOMS Suite of Tools requirements matrix.	MTA4: ATOMS Suite of Tools NASA will evaluate the proposed approach for implementation of an ATOMS Suite of Tools, including responses to the ATOMS Suite of Tools requirements matrix.
149	M	M-3	Factor I – Mission Suitability Volume Evaluation (a), Subfactor A, MTA8	MTA8: Technical Innovations NASA will evaluate proposed no-cost innovations.	MTA8: No-cost Innovations NASA will evaluate proposed no-cost innovations.

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150	M	M-3	Factor I – Mission Suitability Volume Evaluation (a), Subfactor A, MTA9	MTA9: Management Innovations	Removed
151	M	M-3	Factor I – Mission Suitability Volume Evaluation (a), Subfactor B		*See significant revisions to Subfactor evaluation language to align with changes in Section L.*
152	M	M-4	Factor I – Mission Suitability Volume Evaluation (c)	Deficiency is a material failure of a proposal to meet a Government requirement or a combination of significant weaknesses in a proposal that increases the risk of unsuccessful contract performance to an unacceptable level.	Deficiency is any part of an offer that does not conform to a material requirement of a RFP. A material requirement is one that affects price, quantity, quality, or delivery, or that the RFP requires to be met at the time of proposal submission.
153	M	M-4	Factor I – Mission Suitability Volume Evaluation (d)		*See inclusion of adjectival ratings, definitions, and percentile ranges table.*

154	M	M-6	Factor III – Past Performance Volume Evaluation, (b)	In determining the overall relevancy of individual referenced contracts, each referenced contract will be evaluated in the order of size, content, and complexity. If a referenced contract is determined to be not relevant in either size, content, or complexity, it will be determined not relevant overall and will not be further evaluated. NASA reserves the right to evaluate past performance referenced contracts for subcontractors other than major subcontractors that have the potential to impact performance of the proposed contract. If an Offeror is a new joint venture (JV) without a past performance record, past performance will be evaluated for each individual JV partner for which a referenced contract is submitted, in accordance with the relevancy thresholds established for the Offeror (see also 13 C.F.R. § 124.513(f)). Participation of an individual JV partner in another JV will be evaluated provided that the partner's sole effort is clearly described and meets established relevancy criteria. References for protégé members of any proposed mentor-protégé joint venture, HUBZone members of any HUBZone joint venture, and 8(a) participants of any 8(a) joint venture will be evaluated in accordance with the relevancy	In determining the overall relevancy of individual referenced contracts, each referenced contract will be evaluated in the order of size, content, and complexity. If a referenced contract is determined to be not relevant in either size, content, or complexity, it will be determined not relevant overall and will not be further evaluated. NASA reserves the right to evaluate past performance referenced contracts for subcontractors other than major subcontractors that have the potential to impact performance of the proposed contract. As part of its confidence level assessment, the Government will consider the past performance of other entities (e.g., parent, affiliate) where meaningful involvement is clearly described; however, the Government is not obligated to assess similar impact on the offeror's ability to successfully perform the required effort as those references performed by the prime offeror. The Government may also consider other factors that contribute to overall confidence such as the breadth of relevant coverage across the applicable PWS elements and demonstrated relevant performance as a prime contractor. If an Offeror is a new joint venture (JV) without a past performance record, past performance

				thresholds established for proposed subcontractors (see 13 C.F.R. § 125.8(e), 13 C.F.R. § 126.616(f), and 13 C.F.R. § 124.513(f), respectively). Parent or affiliate references for the Offeror will be held to the relevancy thresholds established for the Offeror.	will be evaluated for each individual JV partner for which a referenced contract is submitted, in accordance with the relevancy thresholds established for the Offeror (see also 13 C.F.R. § 124.513(f)). Participation of an individual JV partner in another JV will be evaluated provided that the partner's sole effort is clearly described and meets established relevancy criteria. When an Offeror submits a past performance reference for work performed as part of a populated JV, the Offeror must clearly delineate the specific portion of the effort performed by that entity, independent of the overall JV performance. "Sole effort" in this context refers to the individual partner's contribution, not the populated JV's collective performance. The past performance submission should identify as applicable: the partner's specific scope of work and functional responsibilities; the percentage or relative share of work performed by that partner; key deliverables, outcomes, or performance results directly attributable to that partner; and, the partner's management, technical, or operational control over its portion of the work. The Government will evaluate such past performance based on the relevance and quality of the proposing partner's

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					demonstrated effort, not the performance of the populated JV as a whole. References for protégé members of any proposed mentor-protégé joint venture, HUBZone members of any HUBZone joint venture, and 8(a) participants of any 8(a) joint venture will be evaluated in accordance with the relevancy thresholds established for proposed subcontractors (see 13 C.F.R. § 125.8(e), 13 C.F.R. § 126.616(f), and 13 C.F.R. § 124.513(f), respectively). Parent or affiliate references for the Offeror will be held to the relevancy thresholds established for the Offeror.
155	L	L-5-A	Incumbent WYEs and Average Unburdened Hourly Direct Labor Rates		*See updated Attachment L-5-A which includes additional 2025 data.*