SOLICITATION | OPEN | FEDERAL

NextSTEP-3 Appendix B: Moon Base Demonstrations

National Aeronautics and Space Administration › NASA Marshall Space Flight Center

Solicitation `M2M-MSFC-0001`

Scan for the live page

RFP DETECTOR SCORE

High data confidence

Strong · 74 / 100

B
74

Strong (B, 74/100): 49 days to respond, active buyer ($17.6B FY24–FY26); but full and open.

+12.2 Time & stage | +11.3 Issuer & market | +4.9 Clarity & completeness | −4.5 Competition & access

Informational, not advice. How the score works: rfpdetector.com/methodology/score

At a glance

ESTIMATED VALUE	SET-ASIDE	NAICS	PSC
~$225K Estimated: median award, FY24–FY26	None Full and open competition	541715 Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)	AR12 Product / service code
PLACE OF PERFORMANCE	**POSTED**	**RESPONSE DUE**	**LISTING**
Not stated	Jan 30, 2026 Updated Nov 13, 2026	Jan 4, 2027, 5:00 PM CST 48 days left	Official federal notice Updated Nov 13, 2026

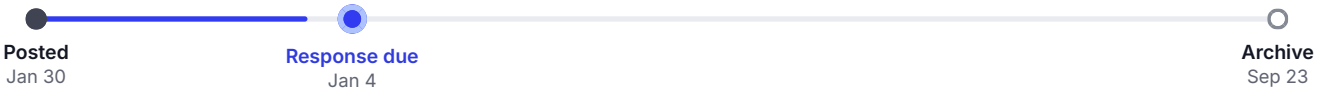
Our summary

National Aeronautics and Space Administration (NASA Marshall Space Flight Center) posted a solicitation titled “NextSTEP-3 Appendix B: Moon Base Demonstrations” under solicitation number M2M-MSFC-0001. It was first posted on Jan 30, 2026 and has been updated 11 times since. Responses are due Jan 4, 2027, 5:00 PM CST. It is classified under NAICS 541715 (Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)) and product/service code AR12. No set-aside is listed. 14 documents are attached to the official notice. The listed point of contact is Brad Vest.

Summary by RFP Detector.

Timeline

Blue line: today (Nov 17)



02 Score breakdown

Every RFP starts at 50. Each factor adds or subtracts points depending on how this RFP compares with a typical one, scaled by its weight and by how sure we are of the data. Unknown data has no effect.

Factor		◀ lowers the score · raises the score ▶	Points	Range
Value	ESTIMATED		−3.8	−18.0 / +18.0 w 20 · conf 80%
No value published. Typical award is about $225K: the median of 2,174 NASA contracts over $25K awarded in NAICS 541715, FY24–FY26.				
Competition & access	MEASURED		−4.5	−18.0 / +18.0 w 20 · conf 100%
Full and open competition. The largest recipient took 38% of these dollars in FY24–FY26.				
Issuer & market	MEASURED		+11.3	−23.4 / +12.6 w 20 · conf 100%
NASA obligated $17.6B on NAICS 541715 across 2,268 contracts in FY24–FY26. 40 other notices from this office in the past 12 months.				
Time & stage	MEASURED		+12.2	−14.9 / +12.2 w 15 · conf 100%
Solicitation, bids due: 49 days to respond (due Jan 4, 2027, 5:00 PM CST).				
Clarity & completeness	MEASURED		+4.9	−18.9 / +8.1 w 15 · conf 100%
14 documents, named contact with email, 912-word description.				
Freshness	MEASURED		+4.1	−9.0 / +9.0 w 10 · conf 100%
Updated 3 days ago (new documents).				

Starts at 50 · contributions sum to **74.2**

Score **74** **(B)**

Score trend

Recorded whenever the score changes, last 30 days



Nov 13: 75 Nov 17: 74

Evaluated Nov 17, 2026, 3:15 AM EST · version 1.0.0

How the score works

Value	weight 20 · −18.0 to +18.0
Competition & access	weight 20 · −18.0 to +18.0
Issuer & market	weight 20 · −23.4 to +12.6
Time & stage	weight 15 · −14.9 to +12.2
Clarity & completeness	weight 15 · −18.9 to +8.1
Freshness	weight 10 · −9.0 to +9.0

Measured data counts fully, estimated data counts less, unknown data counts zero. Grades: A 80–100 · B 65–79 · C 50–64 · D 35–49 · F 0–34. Data confidence (96/100) is how much of the score rests on measured data.

Full methodology: rfpdetector.com/methodology/score

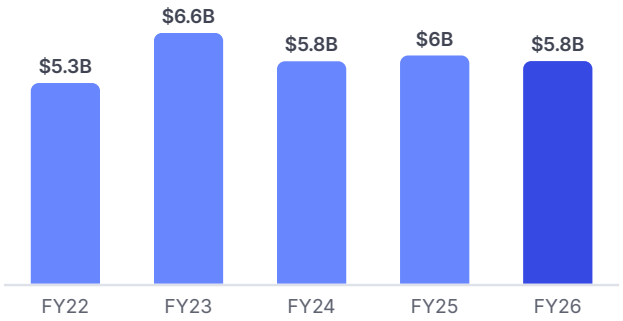
03 Market intelligence

Federal contract awards for National Aeronautics and Space Administration, NAICS 541715. Award counts and sizes cover new awards in FY24–FY26; dollars are obligations in the same window.

CONTRACTS AWARDED	TOTAL OBLIGATED	MEDIAN AWARD OVER $25K
2,268	**$17.6B**	**$225K**
New awards, FY24–FY26	Obligated FY24–FY26	2,174 awards above $25K

Obligations by fiscal year

National Aeronautics and Space Administration, NAICS 541715



Award size

NASA NAICS 541715 contracts, FY24–FY26 (log scale)



For reference, the typical federal contract award above $25K across all agencies is about $69K.

Largest recipients in this market

Share of obligated dollars, FY24–FY26

1	California Institute Of Technology	$6.6B	38%
2	The Johns Hopkins University Applied Physics Laboratory LLC	$1.3B	7%
3	Blue Origin Washington, LLC	$1.3B	7%
4	Space Exploration Technologies Corp.	$1.1B	6%
5	Amentum Technology, Inc.	$710M	4%

These are the largest recipients across this agency and NAICS code, not the incumbent of this RFP. Concentration feeds the Competition & access factor.

How this market feeds the score

Value	Competition & access	Issuer & market
−3.8	−4.5	+11.3
Small typical award (~$225K)	Full and open	Active buyer ($17.6B FY24–FY26)

Federal award history: contract award types A–D, FY24–FY26, updated Nov 13, 2026.

04 Requirements & logistics

Facts from the notice. Confirm every requirement and date on the official notice before responding.

Eligibility

SET-ASIDE

Full and open competition: any responsible business may respond.

NAICS

541715 Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)

PRODUCT / SERVICE CODE

AR12

Place & submission

PLACE OF PERFORMANCE

Not stated

HOW TO SUBMIT

As instructed in the official solicitation

OFFICIAL SOLICITATION

Open the official solicitation at rfpdetector.com (free account)

Contacts

Brad Vest · primary
bradley.d.vest@nasa.gov

Contact · secondary
hq-nextstep3appb@mail.nasa.gov

Documents

14 listed

- Relationship to Other NextSTEP-3 Solicitations.pdf
- Appendix B Moon Demo - Solicitation - Amendment 1.pdf
- App B Questions_ Responses Batch 1.pdf
- Appendix B Moon Demo - Solicitation - Amendment 2.pdf
- Appendix B Moon Demo - Solicitation - Final.pdf
- Directed-Call 2 Attachment 1 SMS GRACs.pdf

+ 8 more on the official notice

Document names from the official notice. RFP Detector doesn't re-host notice documents.

Open the official solicitation at rfpdetector.com (free account)

Before you respond

Confirm on the official notice

- [ ] Read every attachment and amendment on the official solicitation
  14 documents listed below
- [ ] Confirm the response deadline and time zone
  Jan 4, 2027, 5:00 PM CST
- [ ] Check you meet the set-aside / eligibility requirement
  Full and open competition
- [ ] Make sure your federal entity registration (UEI) is active
  Federal awards require an active entity registration
- [ ] Confirm how to submit
  See the official solicitation

Bid / no-bid questions

For your own decision

- [ ] Do you have relevant past performance for this scope and customer?
- [ ] Can you staff and deliver on time with a compliant response?
- [ ] Can you perform where the work is located?
- [ ] Does your pricing fit the typical award range ($150K–$850K)?
- [ ] Do you need a teaming partner or subcontractors to cover the full scope?

A generic checklist, not advice to bid or not bid.

05 Related RFPs

Open RFPs with the same NAICS industry group or category (same state first, then by score), and more from this issuer. Each title links to its page on RFP Detector.

Similar open RFPs

- A | 86 **Multi-Domain Force Applications and Traffic Management for Unmanned Aircraft Systems (M-FAT)**
  Department of the Air Force · No due date
- A | 86 **Adaptive Fusion, & Reasoning of Multi-Source Data (Afar)**
  Department of the Air Force · No due date
- A | 86 **Automated Processes for Knowledge Discovery and Information Retrieval**
  Department of the Air Force · No due date
- A | 86 **Signals Intelligence (Sigint) Solutions for Evolving Scenarios (Sess)**
  Department of the Air Force · No due date
- A | 86 **Extreme Computing**
  Department of the Air Force · No due date

More from NASA Marshall Space Flight Center

- C | 53 **Polar Rover for Observation, Mapping, and In-Situ Exploration (PROMISE) Mission**
  National Aeronautics and Space Administration · Due Nov 24
- F | 33 **Lunar Node - 2 Radio System**
  National Aeronautics and Space Administration · Due Nov 25
- B | 69 **Amended AFP for Lease of Discovery Park at Michoud Assembly Facility**
  National Aeronautics and Space Administration · Due Jan 25
- D | 45 **TECHNOLOGY TRANSFER LICENSING OPPORTUNITY: Pressure Sensor Mechanism (MSC-TOPS-56)**
  National Aeronautics and Space Administration · Due Feb 27

Data and as-of times

Notice data	Official federal notice, first seen Nov 13, 2026, updated Nov 13, 2026
Market data	Federal award history, contract award types A–D, FY24–FY26, updated Nov 13, 2026
Score	RFP Detector Score v1.0.0, evaluated Nov 17, 2026, 3:15 AM EST
Report	ID c2ecc8e95cc2db2465dd · generated Nov 17, 2026, 4:05 PM EST
Official notice	Open the official solicitation at rfpdetector.com (free account)

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