



MARSHALL SPACE FLIGHT CENTER

David Brock,
MSFC Small Business Specialist

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NASA SMALL BUSINESS SPECIALISTS

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	Glenn Research Center	Eunice J. Adams-Sipp	216-433-6644	Grc-smallbusiness@mail.nasa.gov
	Langley Research Center	Robert O. Betts	757-864-6074	Larc-smallbusiness@mail.nasa.gov
SPACE CENTERS	Johnson Space Center	Robert E. Watts	281-244-5811	Jsc-smallbusiness@mail.nasa.gov
	Kennedy Space Center	Joyce C. McDowell	321-867-3437	Ksc-smallbusiness@mail.nasa.gov
	Marshall Space Flight Center	David E. Brock	256-544-0267	Msfsc-smallbusiness@mail.nasa.gov
	Stennis Space Center	Kay S. Doane	228-688-1720	Ssc-smallbusiness@mail.nasa.gov
SCIENCE CENTER	Goddard Space Flight Center	Jennifer D. Perez	301-286-4379	Gsfsc-smallbusiness@mail.nasa.gov
FEDERALLY FUNDED R&D CENTER	Jet Propulsion Laboratory	Charles E. Bray, Jr.	818-354-5620	smallbusiness.programsoffice@jpl.nasa.gov
AGENCY-WIDE RESOURCE CENTER	Information Technology Procurement Office	Robert O. Betts	757-864-6074	hq-itpo-smallbusiness@mail.nasa.gov
	NASA Shared Services Center	Troy E. Miller	228-813-6558	nssc-smallbusiness@mail.nasa.gov

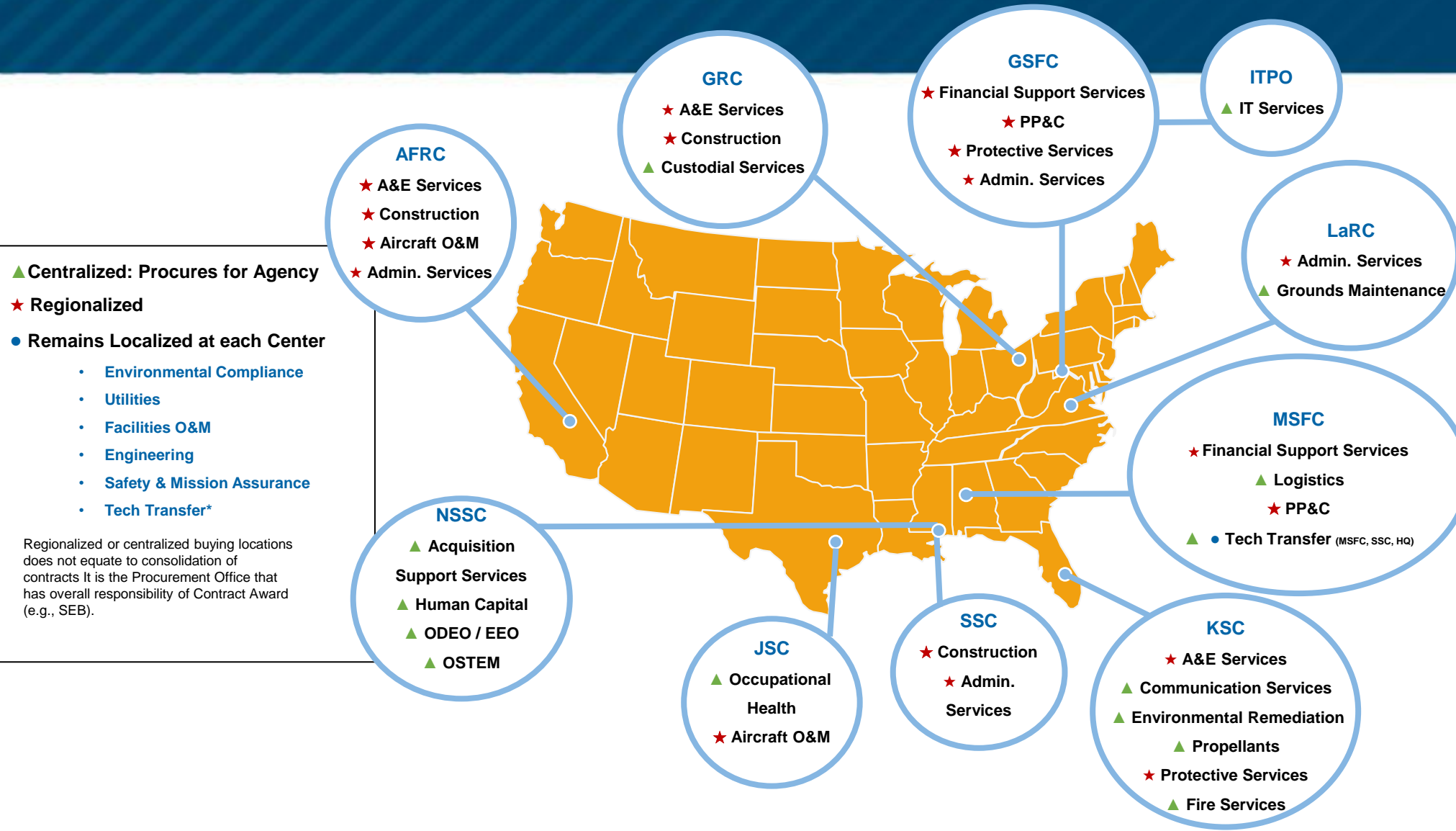
FY23 TOP 20 NAICS TOTAL DOLLARS

NAICS	Description	Total Dollars
541710	R&D and Development in the Physical, Engineering, and Life Sciences	\$10,625,868,284
541712	“ “ Except Biotechnology	
541715	“ “ Except Nanotechnology and Biotechnology	
336414	Guided Missile and Space Vehicle Manufacturing	\$2,908,592,217
481212	Nonscheduled Chartered Freight Air Transportation	\$1,220,167,210
541330	Engineering Services	\$1,156,868,118
561210	Facilities Support Services	\$608,837,119
541512	Computer Systems Design Services	\$573,967,728
336415	Guided Missile & Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing	\$534,262,099
236210	Industrial Building Construction	\$390,188,665
541519	Other Computer Related Services	\$323,287,079
517919	All Other Telecommunications	\$236,539,344

FY23 TOP 20 NAICS TOTAL DOLLARS, CONT.

NAICS	Description	Total Dollars
336419	Other Guided Missile and Space Vehicle Parts & Auxiliary Equipment Manufacturing	\$221,580,553
325120	Industrial Gas Manufacturing	\$215,733,617
334511	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System & Instrument Manufacturing	\$151,008,860
236220	Commercial and Institutional Building Construction	\$131,724,274
561110	Office Administrative Services	\$122,100,326
541611	Administrative Management and General Management Consulting Services	\$112,134,363
333314	Optical Instrument and Lens Manufacturing	\$111,276,705
561612	Security Guards and Patrol Services	\$100,007,655
488190	Other Support Activities for Air Transportation	\$91,999,277
541990	All Other Professional, Scientific and Technical Services	\$84,777,912
TOTAL:		\$19,920,921,406

PSL SERVICE DELIVERY MODEL



*Consolidated Agency Technology Transfer Services (CATTTS) contract will replace the current Technology Transfer Services Agency Contract expiring July 2023. Participating centers include HQ, MSFC, SSC with other Centers having the option to join at a later date.

MSFC KEY CENTER CAPABILITIES AND SERVICES

Propulsion

- Liquid Propulsion Technology and Development
- Propulsion Industrial Base Sustainment
- Solid Propulsion Technology and Development
- Propulsion Testing
- Advanced Propulsion Technology and Development

Materials and Manufacturing

- Materials Diagnostics and Fracture/Failure Analysis
- Materials Technology and Development
- Additive Manufacturing
- Large-Scale Manufacturing

Space Systems

- Payload Systems
- Mission Operations
- Life Support Systems Design and Development
- Environmental Test
- Space Weather and Natural Environments

Scientific Research

- Earth Science
- Planetary Science
- Heliophysics
- High-Energy Astrophysics
- Optical Systems

Space Transportation Systems

- Advanced Concepts and Systems Analysis
- Structural System Design and Analysis
- Structural Testing
- Thermal and Fluid Systems
- Avionics and Electrical Systems
- Guidance, Navigation, and Control
- Flight Software

METRICS (THROUGH FEBRUARY 29, 2024)

CATEGORIES	GOVT. % GOALS	NASA % GOALS	NASA \$ ACHIEVED	NASA % ACHIEVED	MSFC % GOALS	MSFC \$ ACHIEVED	MSFC % ACHIEVED	% OF AGENCY
PROC. \$			\$6,257.6M			\$1,353.7M		21.6%
SB	23.0%	TBD	\$920.3M	14.7%	5.7%	\$96.2M	7.1%	10.4%
SDB	12.0%	8.4%	\$422.3M	6.8%	3.1%	\$58.9M	4.4%	13.9%
HUBZone	3.0%	3.0%	\$58.9M	0.9%	0.5%	\$5.2M	0.4%	8.8%
WOSB	5.0%	5.0%	\$225.6M	3.6%	1.8%	\$31.7M	2.3%	14.0%
SDVO SB	3.0%	3.0%	\$125.5M	2.0%	1.6%	\$30.8M	2.3%	24.5%

Data generated on March 4, 2024.

NASA/MSFC FY23 CUMULATIVE SUBCONTRACTING DOLLARS

CATEGORIES	NASA % GOALS	NASA FY23 \$ ACHVD.	NASA FY23 % ACHVD.	MSFC FY23 \$ ACHVD.	MSFC FY23 % ACHVD.
TSV		\$9,086.5M		\$2,230.0M	
SB	35.5%	\$4,004.9M	44.1%	\$902.0M	40.4%
SDB	5.0%	\$784.3M	8.6%	\$107.7M	4.8%
WOSB	5.0%	\$979.4M	10.8%	\$219.6M	9.8%
HUBZone SB	3.0%	\$307.4M	3.4%	\$85.8M	3.8%
SDVO SB	3.0%	\$456.4M	5.0%	\$35.8M	1.6%

TOP 20 NASA PRIME CONTRACTORS FY 2023

VENDOR NAME AND WEBSITE	TOTAL DOLLARS
California Institute of Technology (JPL) https://acquisitions.jpl.nasa.gov	\$2,922,677,243
Space Exploration Technologies Corp. https://www.spacex.com/supplier/index.html	\$2,250,758,731
The Boeing Company http://www.boeing.com/esd/getstart.html	\$1,568,498,599
Northrop Grumman Systems Corp. (Includes Orbital Sciences and ATK) https://www.northropgrumman.com/suppliers/	\$1,251,623,011
Lockheed Martin Corporation https://www.lockheedmartin.com/en-us/suppliers.html	\$1,221,943,785
Jacobs Technology, Inc. https://www.jacobs.com/suppliers/	\$946,316,790
KBR Wyle Services, Inc. https://kbrsupplier.com/	\$722,587,900
Johns Hopkins University Applied Physics Laboratory LLC https://hopkinsmedicine.org/business/index.html	\$449,100,521
Blue Origin LLC https://www.blueorigin.com/fly-with-us/become-a-supplier	\$440,849,404
Science Applications International Corporation https://www.saic.com/who-we-are/suppliers-and-small-business	\$426,436,260
Aerojet Rocketdyne of DE, Inc. https://www.rocket.com/suppliemet	\$418,618,993
Leidos https://www.leidos.com/suppliers	\$359,353,430
Peraton, Inc. https://www.peraton.com/suppliers/	\$337,355,934
Bechtel National, Inc. https://www.bechtel.com/suppliers/	\$308,679,000
L3Harris Technologies, Inc. (Includes Aerodyne-SGT Engineering Services LLC) https://www.l3harris.com/supply-chain	\$285,184,931
Science Systems and Applications, Inc. https://www.ssaihq.com/contact-us	\$241,109,133
Maxar Space, LLC https://www.maxar.com/legal/suppliers	\$178,315,215
Air Products and Chemicals, Inc. https://www.airproducts.com/company/suppliers	\$172,185,991
Syncom Space Services LLC http://www.syncomspaceservices.com/	\$146,326,084
Ball Aerospace & Technologies Corp. https://www.ball.com/aerospace/about-aerospace/supplier-resources	\$129,931,562

MSFC FY 2023 TOP 20 LARGE BUSINESS PRIME CONTRACTS

NO.	CONTRACT TITLE	PRIME	CONTRACT NUMBER	CLASSIFICATION	\$ OBLIGATED
1	Space Launch System (SLS) Stages Production & Evolution	The Boeing Company	80MSFC20C0052 & NNM07AB03C	LB	\$1,037.7M
2	Human Landing System (HLS)	Space Exploration Technologies Corp.	80MSFC20C0034	LB	\$911.6M
3	HLS	Blue Origin LLC	80MSFC23CA014	LB	\$425.0M
4	SLS Booster	Northrop Grumman Systems Corp.	80MSFC20D0008 & NNM07AA75C	LB	\$382.1M
5	SLS RS-25 Engine	Aerojet Rocketdyne, Inc.	NNM16AA02C	LB	\$345.3M
6	Engineering Services & Skills Capabilities Augmentation	Jacobs Technology, Inc.	80MSFC18C0011	LB	\$236.9M
7	SLS Interim Cryogenic Propulsion	The Boeing Company	NNM12AA82C	LB	\$81.4M
8	Marshall Operations, Systems, Services, & Integration	Teledyne Brown Engineering, Inc.	80MSFC22CA016	LB	\$70.6M
9	Chandra Science Center	Smithsonian Astrophysical Observatory	NAS8-03060	NP	\$58.2M
10	Mars Ascent Vehicle Integrated Sys.	Lockheed Martin Corp.	80MSFC22CA005	LB	\$51.7M

MSFC FY 2023 TOP 20 LARGE BUSINESS PRIME CONTRACTS (CONT.)

NO.	CONTRACT TITLE	PRIME	CONTRACT NUMBER	CLASSIFICATION	\$ OBLIGATED
11	Facility Operations & Maintenance Support Services (FOMSS)	Amentum Services, Inc.	80MSFC17C0007	LB	\$27.8M
12	Mars Ascent Propulsion	Northrop Grumman Systems Corp.	80MSFC21C0010	LB	\$27.7M
13	SLS RL10 Engine	Aerojet Rocketdyne, Inc.	NNM16AA12C	LB	\$23.6M
14	JUNO Mission	Southwest Research Institute	NNM06AA75C	NP	\$18.8M
15	Smart Propulsion Flight Demonstration	United Launch Alliance LLC	80MSFC21CA004	LB	\$16.6M
16	Cryogenic Demonstration Mission	Lockheed Martin Corp.	80MSFC21CA001	LB	\$15.4M
17	Cryogenic Propellant Management & Transfer	Space Exploration Technologies Corp.	80MSFC21CA002	LB	\$15.0M
18	Lunar Trailblazer Mission	California Institute of Technology	80MSFC19C0042	NP	\$14.6M
19	SLS Launch Vehicle Stage Adapter	Teledyne Brown Engineering, Inc.	NNM13AA35C	LB	\$14.7M
20	Near Earth Object Surveillance	University of Arizona	80MSFC20C0045	NP	\$13.8M

ACQUISITION FORECAST

TITLE	INCUMBENT	CONTRACT	PREVIOUS COMPETITION	PROJECTED COMPETITION	DRAFT RFP RELEASE	RFP RELEASE
Configuration Management & Data Management	Victory Solutions, Inc.	NNM13AA66T	GSA SDVOSB set-aside	TBD	4 th Qtr. FY24	4 th Qtr. FY24
Engineering Support for MSFC Engineering Directorate's Space Systems Department And Other MSFC Departments, Directorate	Cepeda Systems & Software Analysis	80MSFC20A0002	GSA HUBZone set-aside	TBD	3 rd Qtr. FY24	4 th Qtr. FY24
Engineering Services and Science Capability Augmentation	Jacobs	80MSFC18C0011	Full & Open	Full & Open	3 rd Qtr. FY24	4 th Qtr. FY25
Next Generation Scalable Data Engineering, Operations, and Informatics Support for Open Science	New Requirement	New Requirement	New Requirement	SB Set-Aside	3 rd Qtr. FY24	4 th Qtr. FY24
Facility Operations & Maintenance Support Services	AMENTUM Services, Inc	80MSFC17C0007	Full & Open	8(a) Set Aside	3 rd Qtr. FY24	4 th Qtr. FY24
Software Independent Validation and Verification	4M Research	80MSFC22F0109	GSA WOSB set-aside	TBD	4 th Qtr. FY24	1 st Qtr. FY25
Safety & Mission Assurance Services	Bastion Technology	80MSFC18C0005	SB Set-Aside	SB Set-Aside	4 th Qtr. FY24	1 st Qtr. FY25

SMALL BUSINESS RESOURCES AND MARKETING TOOLS

- “Doing Business at MSFC” web site: <https://doingbusiness.msfc.nasa.gov/>
- Acquisition planning tool: <https://doingbusiness.msfc.nasa.gov/apt/external>
- Acquisition forecast tool: <http://www.hq.nasa.gov/office/procurement/forecast/>
- Small Business Marketing Guide:
<https://doingbusiness.msfc.nasa.gov/documents/3128625/3140174/SBMG.pdf>
- NASA Active Contract List: <https://www.nasa.gov/osbp/active-contract-listings>



MAKING THE CONNECTION

- In-house counseling sessions via Microsoft Teams.
- Tag Team Wednesdays.
- Joint Counseling sessions featuring SB service providers, machine shop/fabricators, and HBCUs and MSIs.
- Semi-annual Marshall Small Business Alliance meetings (FY24 meetings scheduled for late March and mid to late September).
- Local and regional business forums.

MSFC SMALL BUSINESS PROGRAM CONTACTS

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