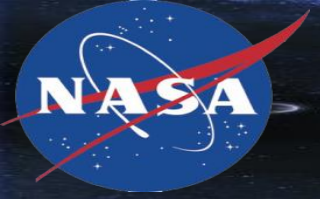


A cosmic background featuring a dark blue space filled with numerous stars, some appearing as bright points and others as faint, colorful nebulae. A large, reddish-brown planet, likely Mars, is visible on the right side, showing its characteristic surface features. In the upper center, a smaller, greyish planet or moon is visible. The overall scene is a rich, multi-colored representation of outer space.

MARSHALL SPACE FLIGHT CENTER PROGRAM UPDATE

David E. Brock

NOVEMBER 9, 2016



MSFC FY 2013 - 2016 Small Business Direct Goal Achievements

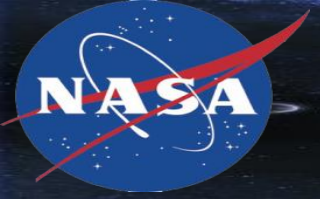
CATEGORIES	FY2013	FY2014	FY2015	FY2016
Procurement Dollars	\$1,725.8M	\$1,844.5M	\$1,882.2M	\$2,186.1M
SB % Goals	7.6%	9.8%	11.8%	12.1%
SB Dollars	\$306.6M	\$293.5M	\$263.1M	\$307.2M
SB % Achieved	17.8%	15.9%	14.0%	14.1%
SDB % Goals	2.4%	3.6%	4.7%	4.7%
SDB Dollars	\$113.0M	\$111.6M	\$110.5M	\$138.4M
SDB % Achieved	6.5%	6.1%	5.9%	6.3%
WOSB % Goals	1.5%	1.1%	1.7%	3.0%
WOSB Dollars	\$72.2M	\$64.8M	\$60.8M	\$95.9M
WOSB % Achieved	4.2%	3.5%	3.2%	4.4%
HUBZone SB % Goals	0.2%	0.3%	0.3%	0.3%
HUBZone SB Dollars	\$50.8M	\$42.4M	\$28.5M	\$4.4M
HUBZone SB % Achieved	2.9%	2.3%	1.5%	0.2%
SDVO SB % Goals	1.1%	1.0%	1.7%	2.0%
SDVO SB Dollars	\$31.6M	\$36.3M	\$42.7M	\$48.4M
SDVO SB % Achieved	1.8%	2.0%	2.3%	2.2%



Metrics (Through September 30, 2016)

CATEGORIES	GOVT. % GOALS	NASA % GOALS	NASA \$ ACHIEVED	NASA % ACHIEVED	MSFC % GOALS	MSFC \$ ACHIEVED	MSFC % ACHIEVED	% OF AGENCY
PROC. \$			\$16,094.0M			\$2,186.2M		13.6%
SB	23.0%	16.75%	\$2,664.9M	16.6%	12.1%	\$307.2M	14.1%	11.5%
SDB	5.0%	5.0%	\$1,308.1M	8.1%	4.7%	\$138.4M	6.3%	10.6%
HUBZone	3.0%	3.0%	\$82.7M	0.5%	0.3%	\$4.4M	0.2%	5.3%
WOSB	5.0%	5.0%	\$648.5M	4.0%	3.0%	\$95.9M	4.4%	14.8%
SDVO SB	3.0%	3.0%	\$137.7M	0.9%	2.0%	\$48.4M	2.2%	35.1%

*Data as of November 2, 2016



Space Launch System (SLS FY 2013-2016) Contract Funding Totals

CATEGORIES	FY 2013	FY 2014	FY 2015	FY 2016
Procurement \$	\$1,725.8M	\$1,844.5M	\$1,887.8M	\$2,186.1M
SLS Contract Funding	\$906.2M	\$1,101.8M	\$1,200.6M	\$1,391.2M
% of Total	52.5%	59.7%	63.6%	63.6%



FY 2016 SLS Contract Rankings

TITLE	CONTRACT	PRIME	FY 2016 FUNDING
SLS Stages	NNM07AB03C	The Boeing Company	\$828.0M
SLS Booster	NNM07AA75C	Orbital ATK	\$261.2M
SLS Engine Restart	NNM16AA02C	Aerojet Rocketdyne	\$133.7M
SLS Interim Cryogenic Propulsion System	NNM12AA82C	The Boeing Company	\$81.7M
SLS Engine	NNM06AB13C	Aerojet Rocketdyne	\$67.9M
SLS Launch Vehicle Stage Adapter	NNM13AA35C	Teledyne Brown Engineering	\$18.7M
SLS Upper Stage Engine (RL10)	NNM16AA12C	Aerojet Rocketdyne	\$10.2M



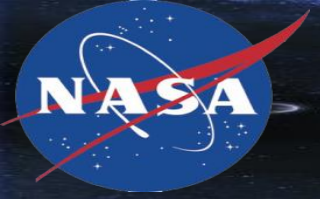
MSFC FY 2016 Top Prime Contracts

NO.	CONTRACT TITLE	CONTRACT #	PRIME	CLASSIFICATION	\$ OBLIGATED
1	SLS Stages	NNM07AB03C	The Boeing Company	LB	\$828.0M
2	SLS Booster	NNM07AA75C	Orbital ATK Aerospace Systems	LB	\$261.2M
3	Engineering & Science Services & Skills Augmentation	NNM12AA41C	Jacobs Technology	LB	\$147.1M
4	SLS Engine Restart	NNM16AA02C	Aerojet Rocketdyne	LB	\$133.7M
5	SLS Interim Cryogenic Propulsion	NNM12AA82C	The Boeing Company	LB	\$81.7M
6	SLS Engine	NNM06AB13C	Aerojet Rocketdyne	LB	\$67.9M
7	Engineering Technician & Trade Support	NNM15AA19C	Aerie Aerospace, LLC	SDB & WOSB	\$61.3M
8	Chandra Science Center	NAS8-03060	Smithsonian Astrophysical Observatory	NP	\$59.5M
9	MSFC Information Technology Services	NNM10AA03C	Dynetics	SB	\$46.6M
10	Mission Operations & Integration	NNM13AA29C	Teledyne Brown Engineering	LB	\$33.2M



MSFC FY 2016 Top Prime Contracts

NO.	CONTRACT TITLE	CONTRACT #	PRIME	CLASSIFICATION	\$ OBLIGATED
11	Huntsville Operations Support Center	NNM12AA10C	COLSA Corporation	SDVO SB	\$31.4M
12	Safety & Mission Assurance	NNM07AA74C	Bastion Technologies	SDB	\$27.6M
13	Center Operations Support	NNM08AA54C	URS Federal Services, Inc.	LB	\$26.3M
14	SLS Launch Vehicle Stage	NNM13AA35C	Teledyne Brown Engineering	LB	\$18.7M
15	Logistics Services	NNM12AA05C	CH2M	LB	\$14.7M
16	JUNO Mission	NNM06AA75C	Southwest Research Institute	NP	\$12.8M
17	Project Coordination	NNM13AA67T	MTS	VOSB	\$11.9M
18	Subject Matter Experts	NNM14AA02T	MTS	VOSB	\$11.9M
19	New Horizon Pluto Mission	NASW02008	Southwest Research Institute	NP	\$11.2M
20	Acquisition & Business Support	NNM11AA30C	Al-Razaq Computing Services	SDB	\$10.6M



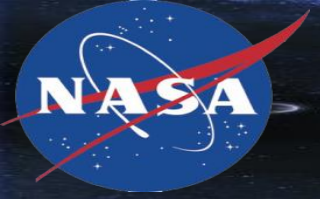
MSFC FY 2016 Top Small Business Contracts

NO.	CONTRACT TITLE	CONTRACT #	PRIME	CLASSIFICATION	\$ OBLIGATED
1	Engineering & Trade Support	NNM15AA19C	Aerie Aerospace, LLC	SDB & WOSB	\$61.3M
2	MSFC Information Technology Services	NNM10AA03C	Dynetics, Inc.	SB	\$46.6M
3	Huntsville Operations Support Center	NNM12AA10C	COLSA Corporation	SDVO SB	\$31.4M
4	Safety & Mission Assurance Services	NNM07AA74C	Bastion Technologies	SDB	\$27.6M
5	Project Coordination	NNM13AA67T	MTS	VOSB	\$11.9M
6	Subject Matter Experts	NNM14AA02T	MTS	VOSB	\$11.9M
7	Acquisition & Business Support Services	NNM11AA30C	Al-Razaq Computing Services	SDB	\$10.6M
8	Configuration & Data Management	NNM13AA66T	Victory Solutions	WOSB & SDVO SB	\$10.3M
9	Protective Services at MSFC & MAF	NNM12AA08C	Excalibur Associates	SB	\$9.9M
10	Strategic Analysis & Communication Services	NNM12AA53C	Analytical Services, Inc.	SB	\$9.5M



MSFC FY 2016 Top Small Business Contracts (cont.)

NO.	CONTRACT TITLE	CONTRACT #	PRIME	CLASSIFICATION	\$ OBLIGATED
11	Program Planning & Control	NNM13AA65T	MTS	VOSB	\$8.0M
12	Administrative Support Services	NNM16AA10C	Hanks, Hanks & Associates, LLC	SDB & WOSB	\$5.5M
13	Human Capital Services	NNM14AA15C	Aetos Systems	SDB & WOSB	\$5.2M
14	Environmental Engineering & Occupational Health	NNM13AA80C	HPM Corporation	SDB & WOSB	\$4.5M
15	SLS Core Stage Pathfinder	NNM13AA34C	Radiance Technology	SB	\$4.3M
16	Custodial & Refuse Collection	NNM13AA21C	AQuate Corporation	SDB & SDVO SB	\$4.1M
17	Facility Engineering Design Services	NNM11AA39C	KAYA Associates	SDB	\$2.6M
18	Utility Control Services	NNM16AA27C	Aetos Systems	SDB & WOSB	\$1.7M
19	Grounds Maintenance Services	NNM16AA17C	HCI Management Services	SDB & HUBZone SB	\$1.6M
20	Cost Estimation & Analysis	NNM13AA64T	Victory Solutions	WOSB & SDVO SB	\$1.6M



MSFC FY 2014-2016 Prime Contractor Subcontracting Achievements

CATEGORIES	FY 2014 \$ ACHIEVED	FY 2014 % ACHIEVED	FY 2015 \$ ACHIEVED	FY 2015 % ACHIEVED	*FY 2016 \$ ACHIEVED	*FY 2016 % ACHIEVED
Subcontract \$	\$537.2M		\$669.3M		\$376.1M	
SB	\$350.6M	65.3%	\$285.9M	42.7%	\$154.7M	41.0%
SDB	\$73.7M	13.7%	\$54.4M	8.1%	\$36.0M	9.6%
WOSB	\$93.6M	17.4%	\$81.4M	12.2%	\$49.8M	13.2%
HUBZone SB	\$13.4M	2.5%	\$15.6M	2.3%	\$11.4M	3.0%
VOSB	\$29.6M	5.5%	\$32.3M	4.8%	\$18.2M	4.8%
SDVO SB	\$21.1M	3.9%	\$20.6M	3.1%	\$12.4M	3.3%
HBCU/MI	\$1.2M	.2%	\$1.3M	.2%	\$.5M	.1%

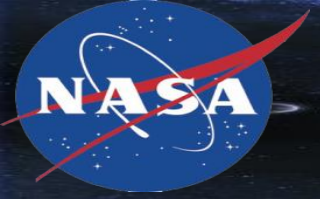
*Subcontracting achievements through March 31, 2016.



MSFC FY14-FY16 Small Business Direct & Subcontracting Cumulative Achievements

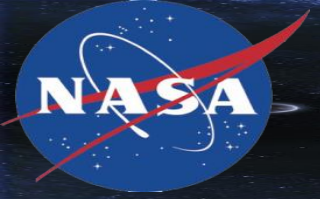
CATEGORIES	FY 2014 \$ ACHIEVED	FY 2014 % ACHIEVED	* FY 2015 \$ ACHIEVED	* FY 2015 % ACHIEVED	FY 2016 \$ ACHIEVED	FY 2016 % ACHIEVED
Available \$	\$1,844.5M		\$1,889.4M		\$1,134.2M	
SB	\$644.2M	34.9%	\$549.2M	29.1%	\$343.9M	30.3%
SDB	\$185.3M	10.0%	\$165.1M	8.9%	\$115.8M	10.2%
WOSB	\$158.4M	8.6%	\$142.4M	7.5%	\$109.4M	9.6%
HUBZone SB	\$55.8M	3.0%	\$44.3M	2.3%	\$15.0M	1.3%
SDVO SB	\$57.4M	3.1%	\$63.3M	3.4%	\$47.6M	4.2%

* Achievements through March 31, 2016.



MSFC FY 2017 Proposed Small Business Goals

CATEGORIES	\$ PROPOSED	% PROPOSED
Procurement \$	\$2,050.0M	
SB	\$250.1M	12.2%
SDB	\$98.4M	4.8%
WOSB	\$67.7M	3.3%
HUBZone SB	\$6.2M	0.3%
SDVO SB	\$61.5M	3.0%



MSFC FY 2016 New HUBZone Small Business Awards



AWARD DATE	AWARDEE	CLASSIFICATION	CONTRACT	TITLE	POTENTIAL VALUE
Jan. 17	Advanced Mobile Propulsion Test	HUBZone SB	NNM16AB56P	In-space Engine Hot Fire Testing	\$603K
Feb. 1	Southeast Cherokee	SDB-WOSB-HUBZone	NNM16AA11C	Revitalize Electrical Systems Bldg. 4711	\$1.8M
Jul. 25	Infinite Services & Solutions	HUBZone certified SDB	NNM16AA00Z	Engineering Science Support Services	\$10M
Aug. 26	HCI Management	SDB & HUBZone	NNM16AA17C	Grounds Maintenance	\$10M



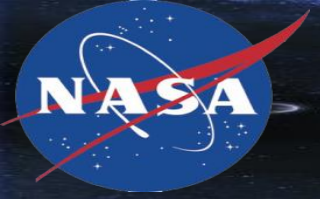
FY 2016 Management Briefings

DATE:	ORGANIZATION/GROUP BRIEFED
Jan. 25	Engineering Directorate, Space Systems Department
Jun. 27	Integrated Mission Systems Council
Jul. 18	Engineering Directorate, Spacecraft & Vehicle Systems Department
Aug. 2	Office of Strategic Analysis & Communications
Aug. 2	Flight Programs & Partnerships Office
Aug. 21	Engineering Directorate, Advanced Concepts Office
Sept. 12	Engineering Directorate, Propulsion Systems Department
Sept. 15	Safety & Mission Assurance Directorate
Sept. 26	Science & Technology Directorate
Sept. 26	Engineering Directorate, Materials & Processes Laboratory
Sept. 27	Engineering Directorate, Mission Operations Laboratory



Other MSFC Significant FY 2016 Small Business Awards

AWARD DATE	AWARDEE	CLASSIFICATION	CONTRACT	TITLE	POTENTIAL VALUE
Nov. 20	Aerie Aerospace	SDB-WOSB-8(a)	NNM15AA19C	MSFC Engineering Technician & Trade Support	\$232.3M
Dec. 16	Hanks & Hanks Associates, LLC	SDB-WOSB-8(a)	NNM16AA10C	Administrative Support Services	\$29.3M
Jan. 19	Radiance Technology	SB	NNM16AB80T	Development of the SLS Core Stage Pathfinder Vehicle	\$8.6M
Aug. 26	All Points Logistics, LLC	SDVO SB	NNM16AA01C	IT Services	\$182M
Sep. 28	Aetos Systems	SDB & WOSB	NNM16AA27C	Utility Control	\$3.7M



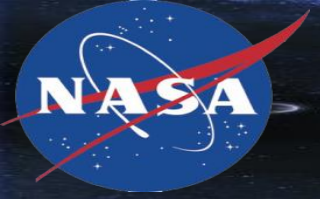
In Competition

REQUIREMENT	INCUMBENT	PREVIOUS COMPETITION	CURRENT COMPETITION
Acquisition & Business Support	Al-Razaq Computing Services	SB set-aside	WOSB set-aside
Engineering Skills & Science Capability Augmentation	Jacobs	Full & open	Full & open
Environmental Services	Great Southern Engineering	SB set-aside	SB set-aside
Facility Engineering Design & Inspection Services	KAYA Associates	8(a) competition	8(a) competition
Facility Operations & Maintenance Support Services	URS Federal Services, Inc.	Full & open	Full & open
Safety & Mission Support Services	Bastion Technologies	SB set-aside	SB set-aside



MSFC Acquisition Forecast

POP EXPIRES	INCUMBENT	CONTRACT	TITLE	NAICS CODE	POTENTIAL VALUE	PREVIOUS COMPETITION
12/31/2016	Excalibur Associates	NNM12AA08C	Protective Services at MSFC and MAF	561612	\$46M	GSA SB Reserve
01/31/2017	CH2M	NNM12AA05C	Logistics Services	561210	\$84M	Full & Open
05/31/2017	CH2M	NNM10AA17C	A&E for Environmental Engineering	541330	\$89M	Full & Open
06/23/2017	GMC-Merrick JV	NNM12AA49C	A&E for Miscellaneous Studies & Design Tasks	541330	\$10M	Full & Open
09/30/2017	Analytical Services, Inc.	NNM12AA53C	Strategic Analysis & Communication Services	541712	\$52M	GSA SB Reserve
02/28/2018	Teledyne Brown Engineering	NNM13AA29C	Mission Operations & Integration	541712	\$150M	Full & Open
10/31/2018	HPM Corporation	NNM13AA80C	Environmental Engineering & Occupational Health	621999	\$33M	SB Set-Aside



Past & Current MSFC Mentor Protégé Agreements (MPA)

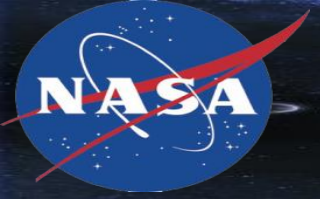
MENTOR	PROTÉGÉ	CONTRACT	CLASSIFICATION
The Boeing Company	Orion Propulsion	Ares Production	SBIR Phase II. (WOSB)
SAIC	Oakwood University	NNM04AA02C	HBCU
ATK Aerospace	Lansmont Corporation	NNM07AA75C	SDVO
Jacobs	Tuskegee University	NNM05AA50C	HBCU
Pratt & Whitney Rocketdyne	Avans Machine	NNM06AB13C	HUBZone
Pratt & Whitney Rocketdyne	Alabama A&M	NNM06AB13C	HBCU
ATK Aerospace	Florida A&M	NNM07AA75C	HBCU
The Boeing Company	AMRO Fabrication	NNM07AB03C	WOSB
Teledyne Brown Engineering	MartinFederal	NNM13AA29C	SDVO
* Jacobs	Linc Research	NNM12AA41C	HUBZone
*Teledyne Brown Engineering	U. of Nevada Las Vegas	NNM12AA29C	MI
*Teledyne Brown Engineering	Alabama State	NNM12AA29C	HBCU
*Aerojet Rocketdyne	ICO RALLY	NNM06AB13C	HUBZone & WOSB
*URS Federal Services, Inc.	Seabrook Solutions, LLC	NNM08AA54C	SDB & WOSB

* Active MPAs.



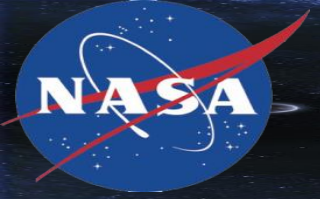
FY 2017 Planned Outreach

DATE	EVENT	LOCATION	CITY/STATE
Feb. 15	3rd Annual Historically Black Colleges & Universities (HBCU)/ Minority Serving Institutions (MSI) Partnerships Meeting	Huntsville Museum of Art	Huntsville, AL
Feb.16	Marshall Small Business Alliance Meeting (MSBA)	Davidson Center	Huntsville, AL
Mar. 7	NASA JPL Woman Owned Small Business (WOSB) Industry Day	Hosted by JPL – TBD	Pasadena, CA
May 9	NASA Marshall Space Flight Center (MSFC) Service-Disabled Veteran-Owned Small Business (SDVOSB) Industry Day	Davidson Center	Huntsville, AL
Aug. 8	NASA Ames Research Center Historically Underutilized Business Zone (HUBZone) Industry Day	Ames Research Center	Moffett Field, CA
Sept. 2017	Marshall Small Business Alliance Meeting (MSBA)	Davidson Center	Huntsville, AL



MSFC Small Business Technical Coordinators

ORGANIZATION	COORDINATOR	PHONE NO.:	E-MAIL ADDRESS
Advanced Concept	ED04/Mark Rogers	256-544-6969	mark.rogers@nasa.gov
Flight Programs & Partnerships Office	FP40/Charlie Nola FP40/Chip Jones	256-544-6367 256-544-2701	charles.l.nola@nasa.gov chip.jones@nasa.gov
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Mission Operations Laboratory	EO01/Mark McElyea EO04/Steve Durham(HOSC)	256-544-2034 256-544-0390	mark.mceleyea@nasa.gov steven.p.durham@nasa.gov
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Office of the Chief Information Officer	IS02/Kathy Rice	256-544-2647	kathy.y.rice@nasa.gov
Propulsion Systems Department	ER01/Reggie Alexander	256-544-9289	reginald.alexander@nasa.gov
Safety & Mission Assurance Directorate	QD11/Paul W. Johnson	256-544-3793	paul.w.Johnson@nasa.gov
Science and Technology Office	ZP30/ Danny Garcia	256-544-4138	danny.garcia-1@nasa.gov
Space Launch System Program Office	XP03/Angela Lovelady	256-544-5367	angela.f.lovelady@nasa.gov
Space Systems Department	ES01/Nadra Hatchett	256-544-4641	nadra.t.hatchett@nasa.gov
Spacecraft & Vehicle Systems Department	ED12/Alicia Carroll	256-544-4341	alicia.s.carroll@nasa.gov
Test Laboratory	ED11/Karen McTaggart	256-544-6499	karen.c.mctaggart@nasa.gov



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Lynn Garrison	Small Business Technical Advisor	virginia.b.garrison@nasa.gov	256-544-6719
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Doug Gerard	SBA PCR	douglas.gerard@sba.gov	256-544-0681

Location: Bldg. 4200/Rm. 228C
Office hours: 7:00 a.m. – 4:30 p.m. (CST)