



Office of
Small Business Programs (OSBP)
where small business makes a **big** difference



OFFICE OF SMALL BUSINESS PROGRAMS (OSBP) VISION AND MISSION STATEMENTS

Vision Statement

The vision of the Office of Small Business Programs (OSBP) at NASA Headquarters is to promote and integrate all small businesses into the competitive base of contractors that pioneer the future of space exploration, scientific discovery, and aeronautics research.

Mission Statement

Our mission in the Office of Small Business Programs is to

- ▶ ensure that the Agency is compliant with all Federal laws, regulations, and policies regarding small and disadvantaged business utilization; and
- ▶ provide expertise on the utilization of all categories of innovative small businesses, including minority serving institutions that can deliver technical solutions in support of NASA.

LIST OF CORE FUNCTIONS

- ▶ **Advocacy:** Advise the Administrator on all matters related to small business.
- ▶ **Promote Small Business:** Develop and manage NASA programs that assist all small business categories and communities.
- ▶ **Small Business Focused Government Contracting:** Develop small businesses in high-tech areas that include technology transfer and commercialization of technology and maximize the number of practicable opportunities for small business participation in NASA prime contracts and subcontracts.
- ▶ **Entrepreneurial Development:** OSBP and NASA Centers provide individual face-to-face and Internet counseling for small businesses throughout the United States and in U.S. territories.

Visit <http://www.osbp.nasa.gov> for more information on NASA's Office of Small Business Programs and how to do business with NASA.

LETTER FROM THE ASSOCIATE ADMINISTRATOR

The purpose of this guide is to provide a window into which North American Industry Classification System



(NAICS) codes have received the most contract dollars at each NASA Center during the previous fiscal year. Please keep in mind that the NAICS codes labeled herein only represent funds currently being obligated to contracts, whether these contracts are new or are in subsequent funding years. There is no guarantee that the Centers will be issuing solicitations on contracts in these NAICS codes in the upcoming year. Also, some NAICS codes listed herein are associated with contracts awarded prior to 2007. Some of these NAICS codes were revised in 2007 and are no longer valid.

For further information please visit Federal Business Opportunities at <http://www.fbo.gov>, which will allow the creation of tailored searches for opportunities aligned with your company's capabilities.

Glenn A. Delgado

Associate Administrator
NASA Office of Small Business Programs

Cover image captions

1. A shot from the International Space Station by astronaut Doug Wheelock. (NASA/Doug Wheelock)
2. After spending nearly a month tending to the International Space Station's first crop of Chinese cabbage, astronaut Peggy Whitson harvested the leafy greens on Feb. 17, 2017. (NASA)
3. In a lab at NASA's Johnson Space Center in Houston, engineers simulated conditions that astronauts in space suits would experience when the Orion spacecraft is vibrating during launch. (NASA/Rad Sinya)
4. NASA Glenn engineer Dr. Peter Peterson prepares a high-power Hall thruster for ground testing in a vacuum chamber that simulates the environment in space. (NASA)



AMES RESEARCH CENTER

Ames Research Center (ARC), located in California's Silicon Valley, is a leader in information technology research with a focus on supercomputing, networking, and intelligent systems. ARC conducts the critical research and development that creates the enabling technologies that make NASA missions possible. Ames is also a leader in nanotechnology, fundamental space biology, biotechnology, aerospace and thermal protection systems, and human factors research. Ames research in astrobiology focuses on the effects of gravity on living things and the nature and distribution of stars, planets, and life in the universe. In addition, ARC works collaboratively with the Federal Aviation Administration (FAA), conducting research in air-traffic management to make safer, cheaper, and more efficient air travel a reality. Ames engages in information and education outreach, forms collaborative partnerships, and fosters commercial application of NASA technologies. Ames is developing NASA Research Park, an integrated, dynamic Research and education community created to cultivate diverse partnerships with academia, industry, and nonprofit organizations in support of NASA's mission.

Total FY17 Prime Dollars Obligated: \$528,671,355

**Total FY17 Small Business Prime Dollars Obligated:
\$172,427,790**

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Location:

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Web Site: <http://procure.arc.nasa.gov>

List of Major NAICS Codes:

Listed in order of descending dollar amount.

- ▶ **541710/541712—Research and Development in the Physical, Engineering, and Life Sciences (Except Biotechnology)**
- ▶ **561210—Facilities Support Services**
- ▶ **236220—Commercial and Institutional Building Construction**
- ▶ **541512—Computer Systems Design Services**
- ▶ **541519—Other Computer Related Services**
- ▶ **561612—Security Guards and Patrol Services**
- ▶ **541330—Engineering Services**
- ▶ **541310—Architectural Services**
- ▶ **541611—Administrative Management and General Management Consulting Services**
- ▶ **336414—Guided Missile and Space Vehicle Manufacturing**

ARMSTRONG FLIGHT RESEARCH CENTER

The Armstrong Flight Research Center (AFRC) is advancing aerospace technology and environmental and space science through atmospheric flight. Located at Edwards Air Force Base in California, AFRC conducts flight Research and technology integration to revolutionize aviation and pioneer aerospace technology. The Center also supports operations of the International Space Station for NASA. From its satellite Armstrong Aircraft Operations Facility in nearby Palmdale, CA, AFRC conducts airborne remote sensing and environmental science missions. The Palmdale facility is also the base of operations for the Stratospheric Observatory for Infrared Astronomy (SOFIA).

Total FY17 Prime Dollars Obligated: \$150,089,772

Total FY17 Small Business Prime Dollars Obligated: \$60,640,555

Small Business Contact:

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Location:

Edwards, CA 93523

List of Major NAICS Codes:

Listed in order of descending dollar amount.

- ▶ **541712—Research and Development in the Physical, Engineering, and Life Sciences (Except Biotechnology)**
- ▶ **488190—Other Support Activities for Air Transportation**
- ▶ **336412—Aircraft Engine and Engine Parts Manufacturing**
- ▶ **541330—Engineering Services**
- ▶ **541513—Computer Facilities Management Services**
- ▶ **334511—Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing**
- ▶ **561210—Facilities Support Services**
- ▶ **237110—Water and Sewer Line and Related Structures Construction**
- ▶ **336413—Other Aircraft Parts and Auxiliary Equipment Manufacturing**
- ▶ **561110—Office Administrative Services**



The second of three missions as part of NASA's Antarctica Long Duration Balloon Flight Campaign was successfully launched Dec. 2, 2016. (NASA)



GLENN RESEARCH CENTER

Glenn Research Center (GRC) at Lewis Field in Cleveland, OH, develops critical space flight systems and technologies to advance the exploration of our solar system and beyond while continuing to maintain leadership in aeronautics. In partnership with U.S. industries, universities, and other Government institutions, the Center's Research and development efforts focus on advancements in propulsion, power, communications, nuclear technology, and human related aerospace systems.

Total FY17 Prime Dollars Obligated: \$301,085,003

Total FY17 Small Business Prime Dollars Obligated: \$234,100,816

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Cleveland, OH 44135
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A clean tent protects the James Webb Space Telescope while engineers at NASA's Goddard Space Flight Center transport it out of the relatively dust-free cleanroom and into the shirtsleeve environment of the vibration and acoustics testing areas. (NASA/Chris Gunn)

List of Major NAICS Codes:

Listed in order of descending dollar amount.

- ▶ 541712—Research and Development in the Physical, Engineering, and Life Sciences (Except Biotechnology)
- ▶ 561210—Facilities Support Services
- ▶ 541519—Other Computer Related Services
- ▶ 236220—Commercial and Institutional Building Construction
- ▶ 336419—Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing
- ▶ 221122—Electric Power Distribution
- ▶ 541690—Other Scientific and Technical Consulting Services
- ▶ 561612—Security Guards and Patrol Services
- ▶ 541620—Environmental Consulting Services
- ▶ 611430—Professional and Management Development Training

GODDARD SPACE FLIGHT CENTER

Goddard Space Flight Center (GSFC) is located in Greenbelt, MD, with the mission to expand knowledge of Earth and its environment, the solar system, and the universe through observation from space. To ensure that our Nation maintains leadership in this endeavor, we are committed to excellence in scientific investigation in the development and operation of space systems, and in the advancement of essential technologies. GSFC is also the contracting office for NASA Headquarters (HQ) in Washington, DC. The list of NAICS codes below is the combined list of requirements for both GSFC and Headquarters.

Total FY17 Prime Dollars Obligated (GSFC & HQ): \$3,490,262,213

Total FY17 Small Business Prime Dollars Obligated (GSFC & HQ): \$875,904,848

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Locations:

Greenbelt, MD 20771

Washington, DC 20546

Web Site: <http://code210.gscf.nasa.gov/industryassist.htm>

List of Major NAICS Codes:

Listed in order of descending dollar amount.

- ▶ **541710/541712—Research and Development in the Physical, Engineering, and Life Sciences (Except Biotechnology)**
- ▶ **336414—Guided Missile and Space Vehicle Manufacturing**
- ▶ **541330—Engineering Services**
- ▶ **517919—All Other Telecommunications**
- ▶ **334511—Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing**
- ▶ **561110—Office Administrative Services**
- ▶ **541512—Computer Systems Design Services**
- ▶ **561210—Facilities Support Services**
- ▶ **336419—Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing**
- ▶ **333314—Optical Instrument and Lens Manufacturing**

JET PROPULSION LABORATORY

The Jet Propulsion Laboratory (JPL) is a division of the California Institute of Technology (Caltech) and a Federally Funded Research and Development Center (FFRDC). Located at the base of the foothills near Pasadena, CA, JPL is responsible for robotic exploration of the solar system. The Laboratory occupies 177 acres and employs 5,500 people with an approximate budget of \$2.3B. JPL has a wide-ranging charter for Earth science research, space exploration, astronomy, physics, and telecommunications. The Laboratory has received numerous small business utilization awards, including the prestigious U.S. Small Business Administrations' Dwight D. Eisenhower Award of Excellence in the research and development category.

Total FY17 Prime Dollars Obligated: \$1,163,761,425

Total FY17 Small Business Prime Dollars Obligated: \$336,727,440

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Pasadena, CA 91109

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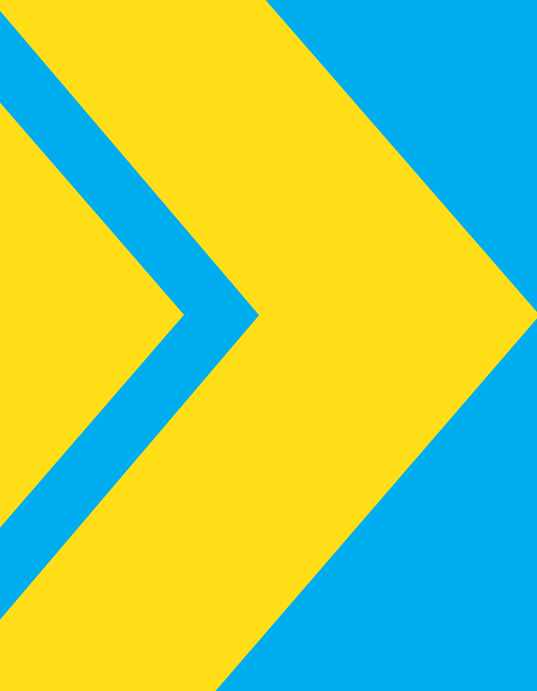
List of Major NAICS Codes:

Listed in order of descending dollar amount.

- ▶ 236220—Construction
- ▶ 334511—Spacecraft Subsystems and Assemblies
- ▶ 541330—Structural/Mechanical Analysis Support
- ▶ 541380—Thermal Analysis Engineering Support
- ▶ 541512—Institutional Computing Environment (ICE)
- ▶ 541513—IT Infrastructure Services and Support (ITISS)
- ▶ 541513—Data Systems Implementation and Operations (DSIO)
- ▶ 541715—Temporary Technical and Professional Support (TTAPS)
- ▶ 541715—Multi-Divisional Engineering, Design, Analysis Lab-wide Support (MEDALS)



Final work platform installed in Vehicle Assembly Building for Space Launch System. (NASA/Frank Michaux)



JOHNSON SPACE CENTER

Johnson Space Center (JSC), located in Houston, TX, provides leadership for human space exploration and operations. JSC strives to advance human capability for exploration and utilization of space by conducting space operations and by designing, testing, and developing space flight hardware and systems. JSC has the responsibility for the operation of the International Space Station. Additionally, the Center hosts the Commercial Cargo Project, which will foster increased commercial space enterprise opportunities.

Total FY17 Prime Dollars Obligated: \$3,824,010,634

Total FY17 Small Business Prime Dollars Obligated: \$214,204,439

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Houston, TX 77058
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The United Launch Alliance Atlas V rocket with NASA's OSIRIS-REx spacecraft on board is seen illuminated in the distance on Wednesday, Sept. 7, 2016 at Cape Canaveral, Florida. (NASA/Joel Kowsky)



List of Major NAICS Codes:

Listed in order of descending dollar amount.

- ▶ 541710/541712—Research and Development in the Physical, Engineering, and Life Sciences (Except Biotechnology)
- ▶ 481212—Nonscheduled Chartered Freight Air Transportation
- ▶ 336414—Guided Missile and Space Vehicle Manufacturing
- ▶ 927110—Space Research and Technology
- ▶ 541330—Engineering Services
- ▶ 336419—Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing
- ▶ 561210—Facilities Support Services
- ▶ 518210—Data Processing, Hosting, and Related Services
- ▶ 541511—Custom Computer Programming Services
- ▶ 541690—Other Scientific and Technical Consulting Services

KENNEDY SPACE CENTER

Kennedy Space Center (KSC) will transform from a Government- and program-focused, single-user launch complex to a more capability-centric and cost-effective multiuser spaceport, enabling both Government and commercial space providers. KSC's future is the launch services, commercial crew, and exploration programs. The 21st Century Ground Systems Program will align the KSC infrastructure to support the future needs of these programs to process and launch Government and commercially provided vehicles and spacecraft. KSC will play a key role in solving technical problems, processing payloads and hardware for future missions, and diversifying partnerships that will utilize existing capabilities.

Total FY17 Prime Dollars Obligated: \$2,225,434,185

Total FY17 Small Business Prime Dollars Obligated: \$276,589,782

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Location:

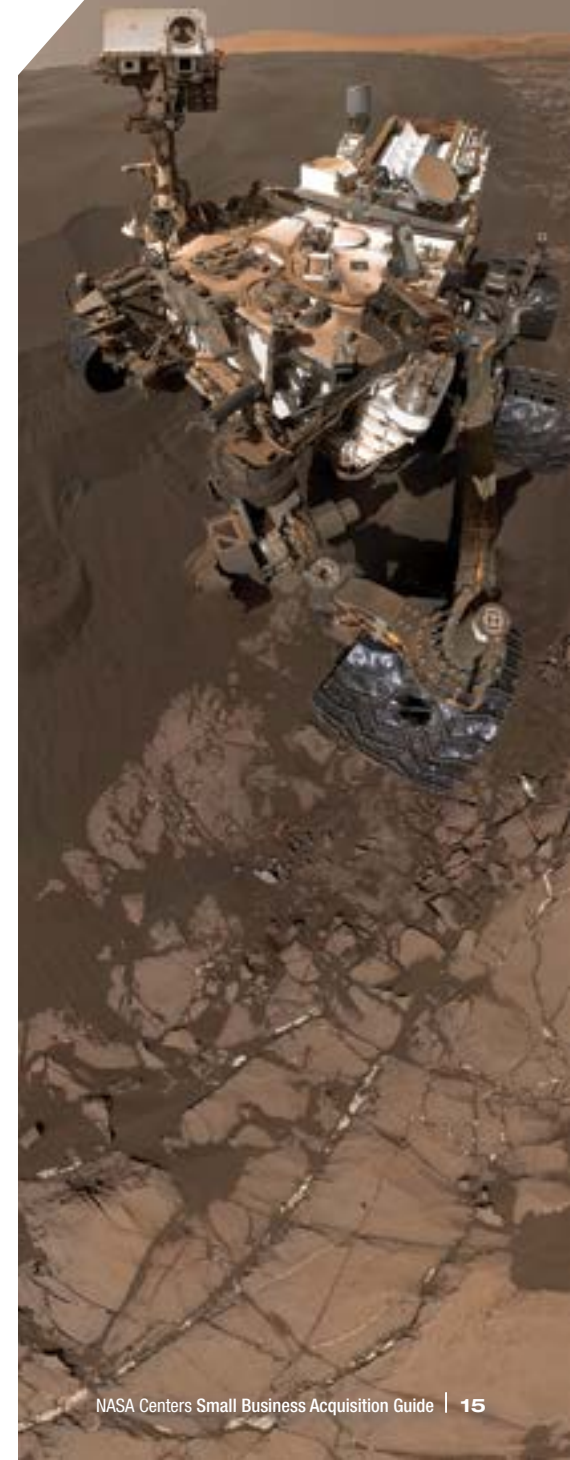
Kennedy Space Center, FL 32899

Web Site: <http://procurement.ksc.nasa.gov/procure/ciao.htm>

List of Major NAICS Codes:

Listed in order of descending dollar amount.

- ▶ **336414—Guided Missile and Space Vehicle Manufacturing**
- ▶ **541330—Engineering Services**
- ▶ **541712—Research and Development in the Physical, Engineering, and Life Sciences (Except Biotechnology)**
- ▶ **561210—Facilities Support Services**
- ▶ **236210—Industrial Building Construction**
- ▶ **517110—Wired Telecommunications Carriers**
- ▶ **561612—Security Guards and Patrol Services**
- ▶ **325120—Industrial Gas Manufacturing**
- ▶ **541519—Other Computer Related Services**
- ▶ **541620—Environmental Consulting Services**



LANGLEY RESEARCH CENTER

Langley Research Center (LaRC), located in Hampton, VA, pioneers the future in space exploration, scientific discovery, atmospheric research, and aeronautics through the research and development of technology, scientific instruments and investigations, and exploration systems.

Total FY17 Prime Dollars Obligated: \$498,080,746

Total FY17 Small Business Prime Dollars Obligated: \$191,754,840

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Hampton, VA 23681
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Dr. Patrick Shea inspects a nearly 4 3/4-foot model of the next generation of NASA's Space Launch System in a wind tunnel at NASA's Ames Research Center. (NASA/Ames/Dominic Hart)

List of Major NAICS Codes:

Listed in order of descending dollar amount.

- ▶ **541712—Research and Development in the Physical, Engineering, and Life Sciences (Except Biotechnology)**
- ▶ **561210—Facilities Support Services**
- ▶ **541512—Computer Systems Design Services**
- ▶ **541611—Administrative Management and General Management Consulting Services**
- ▶ **541330—Engineering Services**
- ▶ **221122—Electric Power Distribution**
- ▶ **541690—Other Scientific and Technical Consulting Services**
- ▶ **336413—Other Aircraft Parts and Auxiliary Equipment Manufacturing**
- ▶ **561612—Security Guards and Patrol Services**
- ▶ **541370—Surveying and Mapping (Except Geophysical) Services**

MARSHALL SPACE FLIGHT CENTER

Marshall Space Flight Center (MSFC), located in Huntsville, AL, serves as a systems developer and integrator for exploration and science missions. It advances Agency priorities with its full life-cycle engineering capabilities, developing and integrating human and scientific space flight systems from concept to development to operation. MSFC's work in advanced materials and manufacturing processes and its scientific research in specialized areas round out its portfolio.

Total FY17 Prime Dollars Obligated: \$2,352,884,700

Total FY17 Small Business Prime Dollars Obligated: \$324,593,205

Small Business Contact:

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Location:

Huntsville, AL 35812

Web Site: http://ec.msfc.nasa.gov/doing_business

List of Major NAICS Codes:

Listed in order of descending dollar amount.

- ▶ **541710/541712—Research and Development in the Physical, Engineering, and Life Sciences (Except Biotechnology)**
- ▶ **336414—Guided Missile and Space Vehicle Manufacturing**
- ▶ **336415—Guided Missile and Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing**
- ▶ **541330—Engineering Services**
- ▶ **561210—Facilities Support Services**
- ▶ **541513—Computer Facilities Management Services**
- ▶ **541611—Administrative Management and General Management Consulting Services**
- ▶ **236220—Commercial and Institutional Building Construction**
- ▶ **561612—Security Guards and Patrol Services**
- ▶▶ **236210—Industrial Building Construction**



The second and final qualification motor (QM-2) test for the Space Launch System booster is seen, Tuesday, June 28, 2016, in Promontory, Utah. (NASA/Bill Ingalls)

The Soyuz MS-01 spacecraft launches from the Baikonur Cosmodrome Thursday, July 7, 2016. (NASA/Bill Ingalls)

NASA SHARED SERVICES CENTER

The NASA Shared Services Center (NSSC), located at Stennis Space Center, serves as a major Agency-wide service resource that provides timely, accurate, high-quality, cost-effective, and customer-focused services for NASA. The Center is a value-added, independent resource for NASA's information technology, financial management procurement, and human resources communities. By achieving synergy within and across functions, the NSSC increases operational efficiency, reduces resource requirements for institutional support areas, and positions NASA for further business process improvements and innovations.

Total FY17 Prime Dollar Obligated: \$745,773,737

Total FY17 Small Business Prime Dollars Obligated: \$313,261,573

Small Business Contact:

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Location:

Stennis Space Center, MS 39529
Web Site: <https://www.nssc.nasa.gov/smallbusiness>

List of Major NAICS Codes:

(PRODUCTS/SERVICES THAT THE NSSC ACQUIRES FOR ITS OWN REQUIREMENTS)

Listed in order of descending dollar amount.

- ▶ **541512—Computer Systems Design Services**
- ▶ **541712—Research and Development in the Physical, Engineering, and Life Sciences (Except Biotechnology)**
- ▶ **541519—Other Computer Related Services**
- ▶ **561110—Office Administrative Services**
- ▶ **511210—Software Publishers**
- ▶ **532420—Office Machinery and Equipment Rental and Leasing**
- ▶ **541513—Computer Facilities Management Services**
- ▶ **334516—Analytical Laboratory Instrument Manufacturing**
- ▶ **334111—Electronic Computer Manufacturing**
- ▶ **611430—Professional and Management Development Training**



List of Major NAICS Codes:

Listed in order of descending dollar amount.

- ▶ **561210—Facilities Support Services**
- ▶ **236210—Industrial Building Construction**
- ▶ **541512—Computer Systems Design Services**
- ▶ **541380—Testing Laboratories**
- ▶ **325120—Industrial Gas Manufacturing**
- ▶ **561612—Security Guards and Patrol Services**
- ▶ **334519—Other Measuring and Controlling Device Manufacturing**
- ▶ **423490—Other Professional Equipment and Supplies Merchant Wholesalers**
- ▶ **325920—Explosives Manufacturing**
- ▶ **561110—Office Administrative Services**

Prime metrics data were generated November 3, 2017, from the Small Business Goaling Report in the Federal Procurement Data System-Next Generation (FPDS-NG).

STENNIS SPACE CENTER

Stennis Space Center (SSC), located in Stennis, MS, implements NASA's mission in areas assigned by two Agency Mission Directorates. SSC manages rocket propulsion testing for the Human Exploration and Operations Mission Directorate (HEOMD) and is serving as the Systems Engineering Center, managing assigned applied sciences program activities for the Science Mission Directorate (SMD). Stennis also serves as Federal manager and host agency of a major Government multiagency center.

Total FY17 Prime Dollars Obligated: \$154,776,670

Total FY17 Small Business Prime Dollars Obligated: \$57,427,020

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Location:

Stennis Space Center, MS 39529


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where small business makes a **big** difference

To Learn More About the Small Business Program at NASA:

 <http://www.osbp.nasa.gov>

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 NASASmallBusiness

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