

Advance Planning Briefings to Industry (APBI) March 5, 2024

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CUI//SP-PROCURE/FEDCON





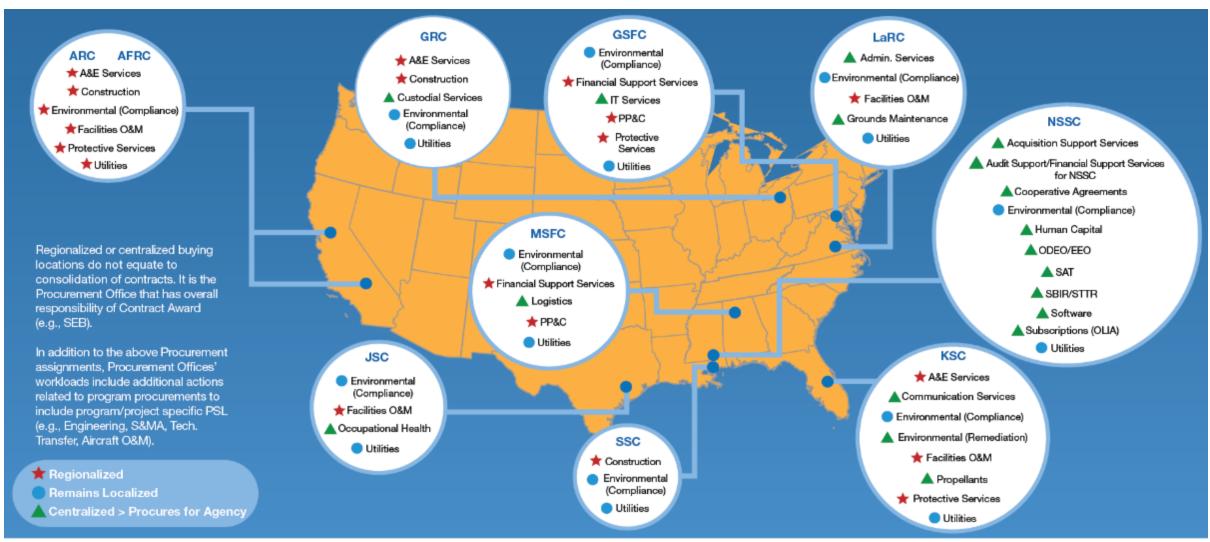






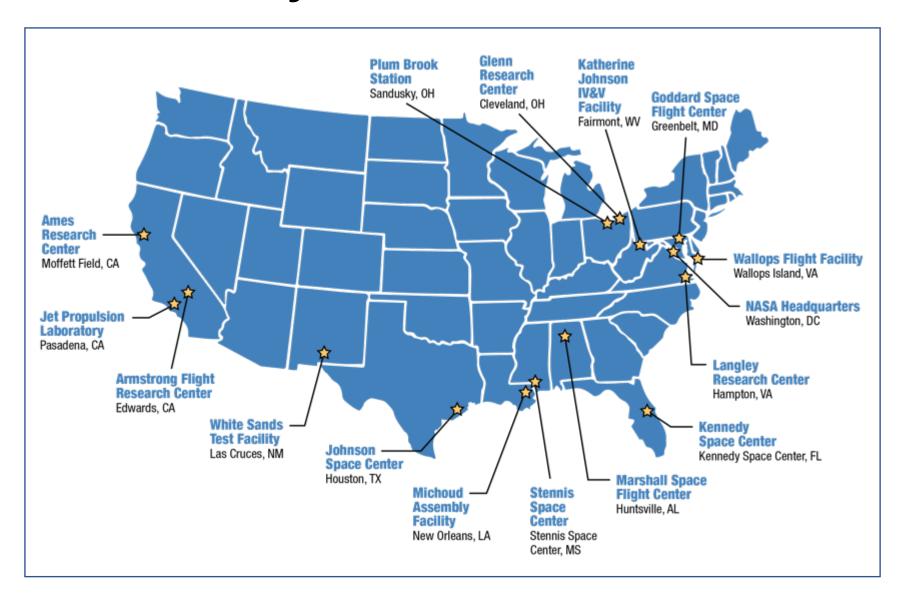
NASA Procurement Activities







Every NASA Center Contributes to Artemis



Suppliers and small businesses across America have made contributions to the success of NASA's Artemis program.

Private companies are hard at work on innovations that will help establish a sustainable human presence at the Moon. The Artemis endeavor also extends beyond our borders.

For detailed information about NASA's partners and where to find them, visit the Artemis www.partners.gov/content/artemis-partners

Artemis Program Strategy

Creating a blueprint for sustained human presence & exploration throughout the solar system



					HUM	AN PRESENCE	IN LOW EARTH	H ORBIT		A		
	HUMAN LUNAR RETURN					SUSTA	AINED LUNAR I	PRESENCE				
								HUMANS TO MARS				
,	11	Artemis II Crewed Flight Test HLS Lander Test	Artemis III 1st Lunar Surface, 1st Woman Launch PPE & HALO	Artemis IV I-Hab delivered to Gateway	Artemis V ESPRIT and Robotic Arm to Gateway LTV delivered to Lunar Surface Mission	Artemis VI Airlock LTV delivered to Lunar Surface FSP to Lunar Surface Lunar Surface Mission	Artemis VII Pressurized Rover to Lunar Surface IRSU Pilot Plant Lunar Surface Mission	Artemis VIII 1st 30-day 2 Crew to Lunar Surface Nuclear Propulsion Demo Lunar Surface Logistics	Artemis IX SH delivered to Lunar Surface 1st 4 crew mission to Lunar Surface	Artemis X Lunar Surface Mission Mars Cargo Stage 1	Artemis XI Lunar Surface Mission Mars Cargo Stage 2	Artemis XII Lunar Surface Mission Mars 1 Lander 1 with Surface Systems Transit Hab delivered to Gateway
	LEO				Year-Round					Comme	rcial Destinations	
	<u>s</u>			Gateway	Lunar Surface 21	for 6 E days partices	4 for 30 days per	year 2 for 32.5 days			4 for 56 or 32.5 days	days 4 for 134 days
					Luliai Sulface 2	lor 6.5 days per year		2 101 32.5 days		4 10	or 32.5 days	
LUNAR	SLS/Orio	Lunar Comm Relay	• PPE & HALO	• I-Hab	Robotic Arm ESPRIT	• Airlock		Gateway L	ogistics Services • HTV-XG			• Transit Hab @ Gateway
SURFACE		• SpaceX Uncrewed Lunar Demo • SUP	SpaceX Crewed Lunar Demo-A EVA Suits		Sustaining Lunar HLS Uncrewed Test Demo 2 CLPS LTV	Development (SLD)	• EVA Suits • PUP	CLPS Logis Cargo Lander Press. Rover	• Surface Hab	Cargo Lander		Cargo Lander Lunar Science & Logistics Depot
	CLPS STMD Shared		CLPS ISRU Payload 1 Mars EDL Demo (at Earth)	CLPS ISRU Payload 2	CLPS ISRU Payload 3 Mars EDL Demo 2 (at Earth)	• CLPS FSP	CLPS ISRU Pilot Plant	Nuclear Propulsion Subscale Demo	W			
	CLPS PRIME 1 CLPS VIPER			CLPS Science 1.0					CLPS	Science 2.0		
	- GEF 9 VIFER-				MSR Launch			Mars Landing Site Decision		Mars Che • MSR to Earth	Chem Tankers	Boost Lander 1 Surface Systems Transit Hab

MSFC Office of Procurement Portfolio



- Space Launch System (SLS)
 - Core Stage
 - Boosters
 - Launch Vehicle Stage Adapter
 - Engines (RS25 & RL10)
 - Exploration Upper Stage
 - Universal Stage Adapter
 - Interim Cryogenic Propulsion Stage
- Human Landing System (HLS)
- Safety and Mission Assurance

- Center Operations Support Services
 - Facilities
 - Logistics Support (Agency Wide)
 - Construction and Environmental
 - Protective Services
 - Admin Support
 - Financial Support Services (Regional)
 - Human Resources
- ISS Payload and Operations Support
- Strategic Analysis and Communications

- Science and Technology
- Science Research and Projects
- Exploration Technologies
- Planetary Missions (Dragonfly, Solar Cruiser, etc.)
- Technology Transfer (Agency Wide)
- Engineering Support
- Program Planning and Control (Regional)
- Spacecraft and Vehicles Systems
- Propulsion and Test Laboratories
- Human Exploration Development and Ops

MSFC OP Mission - Explore and Execute Innovative, Effective, and Efficient Acquisition Business Solutions to Optimize Capabilities and Operations that enable MSFC and NASA's missions













MSFC Office of Procurement FY15 – FY24 Contract Spend



				% \$	SB	SB
FY	Actions	Dollars	\$/Actions	Increase	Actions	Dollars
24***	568	\$886,557,581	\$1.68M		270	\$76.71M
23**	2,130	\$4,756,793,517	\$2.23M	7%	986	\$322.4M
22*	2,537	\$4,448,728,322	\$1.75M	10%	1,115	\$295.5M
21	2,092	\$4,053,472,100	\$1.94M	15%	904	\$342.9M
20	1,865	\$3,531,844,266	\$1.89M	35%	868	\$325.9M
19	1,824	\$2,614,130,834	\$1.43M	5%	918	\$341.5M
18	1,623	\$2,499,819,336	\$1.54M	11%	863	\$299.7M
17	1,510	\$2,261,282,498	\$1.49M	7%	788	\$281.6M
16	1,853	\$2,113,277,822	\$1.14M	15%	1,205	\$299.4M
15	2,198	\$1,841,913,017	\$0.84M		1,559	\$263.2M

*** Includes 15 new FY24 IAA's in the amount of \$8,129,617

^{**} Includes 29 new FY23 IAA's in the amount of \$29,168,293

Delivering on Mission Priorities \$4.76B & 2,130 Actions in FY23

COMPETITION					
FISCAL YEAR	LOCATION	% DOLLARS			
24	NASA	61.58%			
	MSFC	40.95%			
23	NASA	65.75%			
	MSFC	61.60%			
22	NASA	67.54%			
	MSFC	60.04%			





^{*} includes 32 new FY22 IAA's in the amount of \$245,042,222

Space Act Agreements (SAAs)

- NASA established in Space Act of 1958.
- In the Space Act congress granted the agency broad authority to "enter into and perform such contracts, leases, cooperative agreements, or other transactions as may be necessary" to carry out its mission.
- The "other transactions" authority gives NASA authority for a wide range of transactions and we state that authority for SAAs. 51 U.S.C. § 20113(e)

A Space Act Agreement is a commitment of Agency resources (including personnel, funding, services, equipment, expertise, information, or facilities)



Types of SAAs

Reimbursable SAA - Money coming into NASA

- Permits the partner to use NASA goods, services, facilities, or equipment to advance the partner's own interests.
- Primary benefit to partner and consistent with NASA's mission.

Non-reimbursable SAA - No funds exchanged

- Used to support collaborative technology development, outreach activities, and educational partnerships.
- Mutually beneficial activity that furthers NASA's mission.
 - Not used to obtain services from partner
- Look for "quid pro quo" contribution between NASA and partner.
- Requires approval from the MSFC Partnerships Working Group

SAA POCs

Preston Schmauch (preston.b.schmauch@nasa.gov): MSFC Agreements Manager Reginald Alexander (reginald.alexander@nasa.gov): Manager, Partnerships and Formulation Office

Scan to view the NASA Acquisition Forecast



https://www.hq.nasa.gov/office/procurement/forecast/index.html



