

Ground Support Equipment Indefinite Delivery/Indefinite Quantity Contract

The Indefinite Delivery/Indefinite Quantity (IDIQ) was executed for the fabrication, testing, marking, packaging, delivery, cleaning, and assembly of ground support equipment. The multiple award IDIQ contract capability has allowed Kennedy Space Center Office of Procurement (KSC OP) to respond to and complete mission-critical requirements on time by reducing acquisition time from requirement identification to award. This acquisition strategy has also allowed the government to benefit from the competitive forces of the marketplace in awarding task orders, resulting in lower prices. The result has been better quality and improved contractor performance in satisfying customer requirements. This contract, exclusively set aside for small businesses, underscores their crucial role and supports NASA's small business goals.

Why ▶

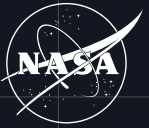
KSC OP has established a proven and successful contract method to support the fabrication of spaceflight hardware and ground support equipment required for NASA's space exploration missions.



NASA Office of Procurement

// Ground Support Equipment Indefinite Delivery/Indefinite Quantity Contract

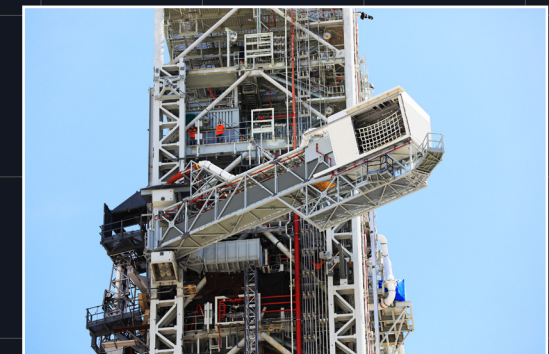
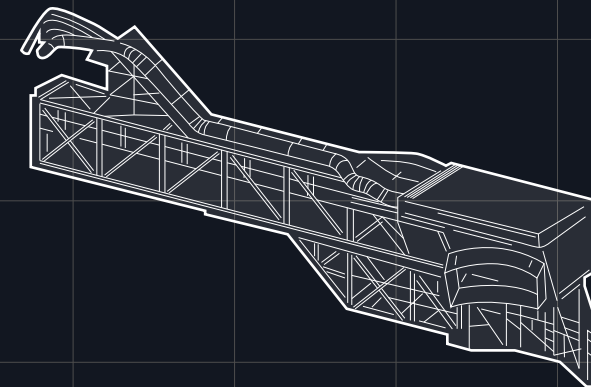
National Aeronautics and
Space Administration



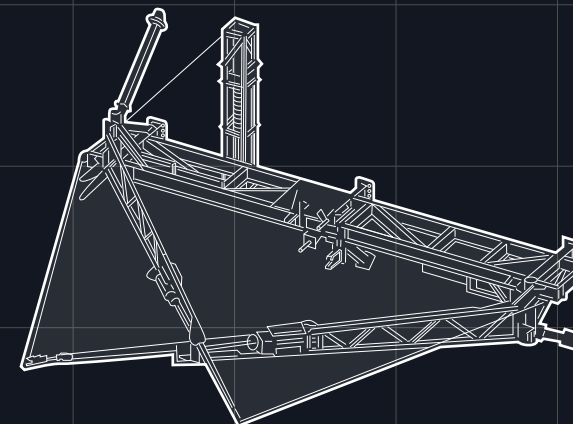
Mobile Launcher Accessories ▶

The mobile launcher (ML) is the ground platform structure that will launch NASA's Space Launch System (SLS) rocket and Orion spacecraft on Artemis missions to the Moon and on to Mars. The ML is designed to support the assembly, testing, check-out and servicing of the rocket, as well as transfer it and Orion to the launch pad. It serves as the structural platform from which both SLS and Orion will be put through a series of prelaunch tests before actual launch. Critical accessories, such as crew access umbilicals and vehicle damping system have been procured under the IDIQ.

ML2 CREW ACCESS ARMS UMBILICALS



ML2 VEHICLE DAMPING SYSTEM



How ▶

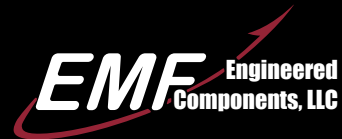
NASA has awarded more than \$7 million under the current IDIQ for delivery orders such as the Mobile Launcher (ML) 2 Crew Access Arms Umbilicals, which allow access to the Orion Space vehicle, and the ML2 Vehicle Damping System, which is designed to help stabilize the Space Launch System (SLS) vehicle and reduce harmful vibrations during launch.

When ▶

The current IDIQ awarded in April 2024 is the fourth contract awarded since 1997 for the fabrication of GSE for space flight hardware. Initially awarded to support the continuing construction of the International Space Station and Space Shuttle Launches, the GSE IDIQ has played a significant role in NASA's transition from Shuttle to Constellation to Artemis missions. It continues to support the Exploration Ground Systems in preparation for the next generation of launch support.

Who/Where ▶

The Ground Support Equipment (GSE) Indefinite Delivery/Indefinite Quantity (IDIQ) Contract is a three-year performance multiple award contract allowing orders from other NASA centers. KSC's OP awarded this IDIQ to the following firms: EMF Engineered Components, Merritt Island, Florida; Precision Fabricating & Cleaning, Cocoa, Florida; JP Donovan, Rockledge, Florida.



FOR INFORMATION ABOUT NASA AND
OTHER AGENCY PROGRAMS, VISIT:

www.nasa.gov



NASA Office of Procurement

// Ground Support Equipment Indefinite Delivery/Indefinite Quantity Contract



▲ NASA's Space Launch System (SLS) rocket with the Orion spacecraft aboard is seen atop the mobile launcher at Launch Pad 39B, Friday, Nov. 11, 2022, at NASA's Kennedy Space Center in Florida. NASA's Artemis I flight test is the first integrated test of the agency's deep space exploration systems: the Orion spacecraft, SLS rocket, and supporting ground systems. (NASA/Joel Kowsky)