

Bechtel Selects ICTC for NASA Hazardous Gas Detection Program

Bechtel National, Inc., of Reston, Virginia, has selected ICTC for the fabrication of the Hazardous Gas Leak Detection System (HGLDS) for the Mobile Launcher 2 (ML2) program for NASA's Kennedy Space Center. ML2 is the next-generation launch system to allow NASA to send astronauts and heavy cargo to the lunar surface as part of the Artemis program. The 355-foot, 11.3-million-pound structure will be used to assemble, transport, and launch the Space Launch System (SLS) Block 1B and Block 2 rockets—the most powerful rockets ever assembled by NASA.

HGLDS consists of the placement of approximately 100 remote sensors located throughout the ML2 platform to monitor the presence of highly flammable hydrogen as well as several other hazardous gasses. Remote sensors are connected to 16 cabinets to sample the surrounding environment and alert the launch-control team to any potential hazards.

Sareet Majumdar, ICTC President and CEO, stated, "We are thrilled that Bechtel placed their confidence in ICTC for such a safety-critical system. Our unique ability to manufacture circuit cards, cables, precision metal parts, and assemble them into complete cabinets makes us well suited for this program. We look forward to working with Bechtel and NASA on this and many other programs in the future."

ICTC is a minority-owned small business located in Brooksville, FL, that specializes in aerospace, medical, and defense product fabrication.