RS&H is currently executing an IDIQ contract for Mobile Launcher modifications for Exploration Mission 2. The scope of work includes A-E services with major emphases on structural, mechanical, and electrical systems for Mobile Launcher modifications to include facility infrastructure, facility ground support systems, ground support systems, and ground support equipment.

Major structural system design includes test stands, launch structures, movable structures, towers, handling and access equipment, other large frame structures, F-GSS, GSS, GSE, special equipment, girder/truss reinforcements, and modifications to commercial off-the-shelf structure components/systems.

Major mechanical system includes fire protection, potable/septic water, ground-to-flight vehicle umbilical arm assemblies; mechanisms; environmental control systems (ECS), ground cooling systems (GCS); lifting devices (e.g., cranes); emergency egress; vehicle stabilizer and support; pneumatics (e.g., breathing-air systems, gaseous helium (GHE), gaseous nitrogen (GN2), gaseous hydrogen (GH2), gaseous oxygen (GO2)) and associated equipment and piping/tubing; cryogenics (e.g., liquid hydrogen (LH2), liquid oxygen (LO2)) and associated equipment and piping/tubing; hydraulics and associated equipment; and modifications to COTS mechanical and fluid components/systems.