

The background of the slide is a deep space scene. On the right side, a large, reddish-orange planet, likely Mars, is partially visible, showing its textured surface. The rest of the background is a dark blue-black space filled with numerous stars of varying brightness and colors, including some blue and purple hues. A faint, glowing nebula or galaxy structure is visible in the upper left quadrant.

**NASA/MARSHALL SPACE
FLIGHT CENTER**

JOINT COUNSELING SESSION

August 27, 2019

Background

COMPANY NAME:	H6 Energy, LLC	ADDRESS:	8064 Sleepy Bay Blvd., Navarre, Florida 32566
OWNER:	Jimmy Harris	CONTACT NAME:	Jimmy Harris
EMAIL:	jimmy.harris@h6energy.com	YEARS IN BUSINESS:	10
CAGE CODE:	468N1	DUNS NUMBER:	133826821
WEB SITE:	h6energy.com	NAICS CODES:	541330

Business Size & Classifications

TOTAL EMPLOYEES:	2 (previously 6)
AVERAGE SALES:	\$300,000

CLASSIFICATIONS (select from list below):	Yes/No
SMALL BUSINESS	Yes
SMALL DISADVANTAGED BUSINESS	Yes
NATIVE AMERICAN-OWNED	No
ALASKAN NATIVE CORPORATION	No
WOMEN OWNED	No
ECONOMICALLY DISADVANTAGED WOMEN OWNED	No
VETERAN-OWNED	Yes
SERVICE DISABLED VETERAN OWNED	No
HUBZONE CERTIFIED	Yes
8(A) CERTIFIED	In process
8(A) EXPIRATION DATE (if applicable)	

Quality Systems



- Familiar with ISO 90002, Military Standards, and NASA Standards and procedures for quality—jet, cargo, space vehicles.
- NASA Standards for Artemis 1, Artemis 2, and ICPS.
- We understand what it takes to build quality and systems that protect people and environment, and systems last for years.
- Quality systems will be developed using industry and military/NASA standards and specifications.

Skills & Processes

SPIE Engineering Review Boards and Systems Engineering -

Familiar with MSFC ERB Review Process for ICPS/SPIE. Payload Safety Review Process for Artemis 1 and Artemis 2. Requirements development for Secondary Payloads Dispenser System (SPDS) for unmanned and manned flight hardware.

Product Compliance or Meets the Intent – Supported Gap Analysis on product hardware from vendors who used in-house processes and/or COTS components to ensure product compliance with NASA Standards.

Systems Engineering Technical Review Process, NAVAIR Instruction 4355.19E -

Establishes policy, guidance, process outline and assign responsibilities for the planning and conduct of the Systems Engineering Technical Review (SETR) process for Naval Air Systems Command (NAVAIR) programs.

Joint Services Specification Guides (JSSG) - Establishes a common framework for government and contractors in the aviation sector for developing program unique requirements documents for Air Systems, Air Vehicles, and major Subsystems. Used on Army, Air Force, Marines, and Navy Programs.

Skills & Processes (Cont.)

Project Management and Life Cycle

- Project planning, control, design implementation, and test. BOEs, Cost Estimates, Labor, and Schedule.
- Funding Cost, Revenue Projections, Income Statement, Balance Sheet.

F-16, Artemis 1, and Artemis 2 System Safety

- Hardware, Software, Cabling/Harnesses, Embedded Avionics.
- System Safety Engineering for safety of vehicle, environment, humans, and mission. Comply with FAA, Military, and NASA Standards. Apply System Safety Engineering process with strict adherence.
- MSFC Qualification Lab and Emulators.

Flight Readiness Process in accordance with MIL-STD-516B

KF-16 Block 52 C/D Modification Airworthiness Certification Criteria (MACC).

STEM and Workforce Development

Support process for Hub Zone requirements with validated qualified engineering and computer science related small businesses.

Customers

- Opportunity Zone Project
 - Has \$10M housing project before the City of Birmingham and Investors. Pending funding.
- STEM and Workforce Development
 - Will complete 8a Certification.
 - Partnership with Albany State University / Georgia Tech.
 - Math and Computer Science graduates and professionals.
- Create Opportunity Zone Fund for investors
 - Focus is Computer Science and Engineering.

Principle Point(s) of Contact

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