



Our Mission is Your Success!

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CAPABILITY STATEMENT

CORE COMPETENCIES

Navarro Engineering Solutions (NES) provides the following consulting services (minimum):

- Program Management
- Technical Planning
- Requirements Management
- Interface Management
- Technical Risk Management
- Independent Technical Assessments
- Decision Analysis
- Systems Engineering
- Small Satellite Technology

NES' services can be tailored and applied to advance customers' missions in support of specialized engineering, technology development and lifecycle costs.

PROGRAM MANAGEMENT & TECHNICAL EXPERIENCE

NES' Technical Experts brings more than a century of successful leadership to the aerospace and technical services industry.

- **Program Management**
 - NASA and DoD ID/IQ and Fixed Price Contracts.
 - Operations, management, budget, schedule, and technical resources for Government cost-plus-award and fixed-fee, and time and materials.
 - Supported Columbia Accident Investigation Board.
 - Technical Risk Management, Safety, Reliability, and Quality Assurance Division.
- **Risk Management Operations**
 - Senior Scientist consulting for NASA Headquarters, Office of Safety and Mission Assurance (OSMA) in System Safety (SS), Risk Informed Decision Making (RIDM), Continuous Risk Management (CRM), and Enterprise Risk Management (ERM).
 - Principal Writer of NASA's System Safety Handbook - Volume 2 (NASA/SP-2014-612), and NASA's special publication on organizational risk and opportunity management (NASA/SP-2014-615).
 - Principal Scientist and Manager of Advanced Concepts.
 - Over 50 referred technical reports and articles in Reliability Engineering & System Safety, Nuclear Technology, Nuclear Engineering & Design, IEEE Spectrum, AIAA Journal, and Journal of Computational Physics.
- **Systems Engineering**
 - Three decades of System Engineering contributions to NASA flight hardware design, development, manufacture, testing, and integration.
 - Fully knowledgeable of NASA Program, Design, Production & Acceptance requirements, and NASA Program Life Cycle.
 - Over 10 years as resident NASA Quality Assurance Representative at Lockheed Martin, Northrop Grumman, and U.C. Berkeley SSL, on Electronic Assembly and Composite Structure manufactures, and performing In-Process and Final Source Inspections Acceptance for a multitude of flight-qualified hardware vendors.
 - Source Inspection QAR for NASA supporting Joint Polar Satellite System (JPSS), Landsat9 Structure, Wide-Field Infrared Space Telescope (WFIRST), and Europa Clipper Satellite.

COMPANY DATA

- DUNS 192587322
- Cage Code 386X8
- SDB 8(a) Graduate
- NAICS 541330, 541715, 541690

DIFFERENTIATORS

- NES Personnel have participated in over 70 Space Projects
- Nationwide Network of Available Staff - CONUS
- DoD & NASA Experienced Experts
- NASA/GRC 2013 Small Business Subcontractor of the Year (parent company)
- Honeywell Mentor Protégé