

The background of the slide is a deep space scene. It features a dark blue and black sky filled with numerous stars of varying colors and sizes. A prominent feature is a bright, multi-colored nebula or galaxy structure in the upper left quadrant. On the right side, a large, reddish-brown planet, likely Mars, is partially visible, showing its textured surface and atmospheric haze. The overall lighting is soft, highlighting the celestial bodies against the dark void of space.

**NASA/MARSHALL SPACE
FLIGHT CENTER**

JOINT COUNSELING SESSION

March 22 , 2018

Background

| | | | |
|----------------------|---|---------------------------|---|
| COMPANY NAME: | Quantitative Management Solutions, Inc. (QMSI) | ADDRESS: | 2500 Cisco Circle Huntsville, AL 35810 |
| OWNER: | Nicole Reid Jacqueline Reid | CONTACT NAME: | Jacqueline Reid |
| EMAIL: | jacqueline.reid@qmsi-hsv.com | YEARS IN BUSINESS: | 6 years |
| CAGE CODE: | 6EXE5 | DUNS NUMBER: | 968214192 |
| WEB SITE: | www.qmsi-hsv.com | NAICS CODES: | 541611, 541330, 54111, 541512, 518210 |

Business Size & Classifications

| | |
|-------------------------|----------|
| TOTAL EMPLOYEES: | 3 |
| AVERAGE SALES: | 0 |

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

Quality Systems

- Quality Assurance Surveillance Plan (QASP)
 - Developed Methods and Metrics
 - Quality Control Plan
 - Monitored ISO Quality Standards Compliance
- Statistical Process Control (SPC)
 - Developed and monitored the SPC for the ARROW Weapons System Project Office

Skills & Processes

- **Systems Engineering and Integration**

- SE&I demonstrated on the following Weapons System: Multiple Kill Vehicle (MKV), Ground-based Midcourse Defense (GMD), Terminal High Altitude Area Defense (THAAD), PATRIOT Advanced Capability-3 and ARROW
- Independent Assessments and Program Reviews for all phases of major DoD Weapons Systems
- Operational Requirements Analysis
- Systems Requirements Analysis
- System Architecture and Design
- Functional Requirements and Analysis Design Process
- Operational Test and Evaluation Process and Plans
- Models & Simulations Test and Evaluation Process and Plans
- System Development and Test Planning
- Hardware Provisioning & Software Considerations
- System Test and Evaluation Planning
- System Integration and Performance
- System Acceptance Testing

Skills & Processes (Cont.)

| | | |
|--|--|---|
| Strategic Planning | <ul style="list-style-type: none"> - Performance-Based Management Approach - Strengths, Weaknesses, Opportunities and Threats (SWOT) Analysis - Goals and Objectives Identification - Key Performance Indicators and Metrics Assessments | |
| Quality Planning | <ul style="list-style-type: none"> - QASP - Risk Management Planning | <ul style="list-style-type: none"> - Quality Control Plan - ISO Standard Compliance |
| Program Management | <ul style="list-style-type: none"> - Integration/Synchronization, Coordination of Tasks - Determine Critical Path on IMS | <ul style="list-style-type: none"> - Conduct Reviews and Assessments on Major Tasks - Recommend/Conflict Resolution |
| Data Management | <ul style="list-style-type: none"> - Determine data types/collection methods to manage information lifecycle | <ul style="list-style-type: none"> - Data Management Plan - Data Metrics Verification - Performance Assessments |
| Technical Performance Management | <ul style="list-style-type: none"> - Assess capability to meet system performance requirements - Incorporate key technologies - Satisfy key integration issues | <ul style="list-style-type: none"> - Statistical Analysis to predict outcome of events - Manage Cost, Schedule, and Technical Performance |
| Independent Verification and Validation Process | <ul style="list-style-type: none"> - Capability and System Requirements tracked to Operational System | <ul style="list-style-type: none"> - IVV Plan from System Concept to Full Rate Production |
| Models & Simulation VV&A Process | <ul style="list-style-type: none"> - V&V system functionality - M&S work as intended | <ul style="list-style-type: none"> - VV&A Plan - VV&A Report - Accreditation |

Customers

- **USASMDC/ARSTRAT, Decision Support Directorate**
 - Provided support as a Systems Engineering and Technical Assistance Contractor (SETAC) for Strategic Planning
 - Quality Planning and Risk Management Planning
- **USASMDC/ARSTRAT, Emerging Technology Directorate**
 - Provided support as a SETAC for Science and Technology Programs
 - Technology Assessments and Transfer
- **NASA Marshall Space Flight Center, Technology Transfer**
 - Provided support to disseminate NASA developed technology to the public in an outreach effort

Principle Point(s) of Contact

| NAME | TITLE | PHONE | EMAIL |
|------------------------|--------------------------------|------------------------------|------------------------------|
| Jacqueline Reid | Vice President | 256.858.3051 256.655.7488 | Jacqueline.reid@qmsi-hsv.com |
| Sonja Greene | Director, Business Development | 256.858.3051 256.366.0207 | Sonja.Greene@qmsi-hsv.com |