<table>
<thead>
<tr>
<th>COMPANY NAME:</th>
<th>Mobius Consulting, LLC</th>
<th>ADDRESS:</th>
<th>6301 Little River Turnpike Suite 220 Alexandria, VA 22312</th>
</tr>
</thead>
<tbody>
<tr>
<td>OWNER:</td>
<td>Melaine Privitera</td>
<td>CONTACT NAME:</td>
<td>John Holmes VP, Business Development</td>
</tr>
<tr>
<td>EMAIL:</td>
<td><a href="mailto:Melaine.Privitera@mobius-llc.com">Melaine.Privitera@mobius-llc.com</a> <a href="mailto:John.Holmes@mobius-llc.com">John.Holmes@mobius-llc.com</a></td>
<td>YEARS IN BUSINESS:</td>
<td>6</td>
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<tr>
<td>CAGE CODE:</td>
<td>61YV3</td>
<td>DUNS NUMBER:</td>
<td>962822990</td>
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<tr>
<td>WEB SITE:</td>
<td><a href="http://www.mobius-llc.com">www.mobius-llc.com</a></td>
<td>NAICS CODES:</td>
<td>541330; 541511; 541512 541611; 541612; 541614 541690; 541715; 541990</td>
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GSA PSS Schedule: GS-00F-088GA
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<thead>
<tr>
<th>TOTAL EMPLOYEES:</th>
<th>50</th>
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<tbody>
<tr>
<td>AVERAGE SALES:</td>
<td>$4.8M (3 yr avg.) (2017 Revenue &gt;$8M)</td>
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<table>
<thead>
<tr>
<th>CLASSIFICATIONS (select from list below):</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMALL BUSINESS</td>
<td>Yes</td>
</tr>
<tr>
<td>SMALL DISADVANTAGED BUSINESS</td>
<td>No</td>
</tr>
<tr>
<td>NATIVE AMERICAN-OWNED</td>
<td>No</td>
</tr>
<tr>
<td>ALASKAN NATIVE CORPORATION</td>
<td>No</td>
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<tr>
<td>WOMEN OWNED</td>
<td>Yes</td>
</tr>
<tr>
<td>ECONOMICALLY DISADVANTAGED WOMEN OWNED</td>
<td>No</td>
</tr>
<tr>
<td>VETERAN-OWNED</td>
<td>No</td>
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<tr>
<td>SERVICE DISABLED VETERAN OWNED</td>
<td>No</td>
</tr>
<tr>
<td>HUBZONE CERTIFIED</td>
<td>Yes</td>
</tr>
<tr>
<td>8(A) CERTIFIED</td>
<td>No</td>
</tr>
<tr>
<td>8(A) EXPIRATION DATE (if applicable)</td>
<td>N/A</td>
</tr>
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</table>

Approximately 20% of our technical workforce is located in Huntsville
Over 50% more than 20 years of industry experience
50% of Mobius employees having obtained Master’s and PhD’s,
60% of Mobius staff hold active SCI clearances
92% voluntary employee retention rate
Deliver engineering services that produce products on-cost, on-time, and defect free

- Utilize Industry Best of Breed Program Management (PMP), Systems Engineering/Configuration Management (IEEE), and Software Engineering (CMMI) processes that enable repeatable performance
- Policies, Processes, and Procedures are implemented equally at the organization and project levels; including feedback that allows for internal process improvement
- Evaluating product quality at all levels is intrinsically embedded in our culture, this results in improved cost, schedule and product quality for our customers

ISO-9001 Certified

- All Mobius processes certified and built from ISO fundamentals
- Mobius process compliance with AS9100(C) underway

Mobius Employees Hold Valuable Industry Certifications

- **DAWIA**
  - Acquisition
  - Logistics
- **DAU**
  - Program Management
  - Acquisition
  - Engineering
  - Logistics
  - Test & Evaluation
- **Lean Six Sigma Black Belt**
- **CMMI**
- **Project Management Professional (PMP)**

Our Staff Have Direct MSFC Safety & Mission Assurance Experience
Skills & Processes

Space Systems Engineering
- Concept Exploration
- Space Architecture Analysis
- Alternatives Assessments
- Specification Development
- Requirements Analysis

Program Management
- Programmatic and Technical Baseline Management
- Capabilities Based Acquisition
- Risk Assessment
- Program Budget Baselines / PPBES
- PMP Certified
- DAWIA Certified / Acq / Logistics
- DAU
- Lean Six Sigma Black Belt

Systems Engineering
- Concept Definition
- Requirements Definition
- Test Planning
- Verification/Validation
- System Logistics/Disposal
- System Integration

Test & Evaluation
- Test Plans
- Range Support
- Missile Flight Test Planning
- Mission Planning And Analysis
- Test Modeling & Simulation
- Wargames and Exercise

Operations & Logistics
- Integrated logistics planning
- Operational baseline support
- System utility for upgrades and modernization
- Operational Interface with COCOMs
- MFRL Support process
- Strategic Acquisition Support
- 24x7 Operations Support

Modeling & Simulation
- Space Architect Toolset (SATS)
- AGI Systems Tool Kit (STK) Master Certification
- Custom Modeling of Complex Systems
- Performance, Reliability and Effectiveness Analysis
- Vis/IR/Optical Signature Modeling
- Directed Energy Systems
- Visualizations
Skills & Processes (Cont.)

**Systems Engineering:** Defining and balancing the functional and performance requirements of a system to maximize delivered capability to end-users

- **Architecture Definition & Trade Analysis** – System descriptions, architecture views, Analysis of Alternatives, and performance sensitivity studies
- **Advanced Concept Definition** – Quantifying the benefit of adding new system elements, technologies, or improving existing elements
- **Requirements Definition** – Achieving end-users needs without constraining designs
- **Test & Demonstration Objectives** – Creating a design of experiments that collects unique phenomenology and proves critical functionality

**Space Systems Engineering:** Applying traditional engineering principles to the unique attributes of space systems

- **Define & Analyze Space Systems Architectures** – Evaluating the impacts of coverage and persistence on system design and performance expectations
- **Electro-Optical/Infra-Red Sensors** – Performance analysis of unique sensor systems for missile defense, space situational awareness, & ground imaging
- **Ground Processing & Comm Architectures** – Familiarity with USAF, MDA, and IC ground systems and processing techniques
Operations & Logistics: Perform integrated logistics planning, maintain operational baselines, and evaluate system utility for upgrades and modernization

- **Advocate Operational Requirements** – Interface with Combatant Commanders on operational needs/requirements for feedback into the SE process
- **Analyze Warfighter Feedback** – Collaborate with developmental and operational communities to develop responsive, accurate engineering analyses
- **Develop Innovated Life Cycle Management Strategies** – Creating readiness plans, supply support trends, maintenance plan changes, and availability metrics

Test and Evaluation: Perform testing to validate delivered capability

- **Test Campaign Planning** – Creating complete test plans including: budgets, schedules, support equipment definition, range support, and compliance
- **Design of Experiments** – Defining unique multi-element test campaigns to validate functionality, performance, and collect phenomenology
- **Develop Unique Test Articles** – Defining requirements for test targets and support equipment to conduct representative testing; test like you fly
- **User Involvement** – Designing test plans and CONOPS to account for user tactics, techniques, and procedures
Customers

Mobius Provides a Broad Spectrum of Advisory & Analytical Services to the Missile Defense Agency and NAVSEA

Mobius supports multiple MDA contracts:

- Space Portfolio Engineering
- Modeling & Simulation
- MDA Systems Engineering and Integration
- Weapon & Missile Systems Engineering
- Flight, Component, & General Test
- Directed Energy
- Warfighter Integration
- SBX Mission Operations Support

Mobius supports multiple MDA partnerships & joint studies

- USAF/NRO – Overhead Persistent Infra Red
- IC – Joint Technology Initiatives

Mobius supports Naval Sea Systems Command

- Navy Ship Self Defense System (SSDS)
- SEA 05 Engineering Support Services

Project Experience

- Space-based Tracking and Surveillance System Development & Testing
- AEGIS BMD Engineering, Test, & Operations
- THAAD Engineering & Test
- Ground Based Midcourse Defense
<table>
<thead>
<tr>
<th>NAME</th>
<th>TITLE</th>
<th>PHONE</th>
<th>EMAIL</th>
</tr>
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<tbody>
<tr>
<td>Melaine Privitera</td>
<td>CEO</td>
<td>(571) 445-6355</td>
<td><a href="mailto:melaine.privitera@mobius-llc.com">melaine.privitera@mobius-llc.com</a></td>
</tr>
<tr>
<td>Frank Privitera</td>
<td>President &amp; CTO</td>
<td>(571) 231-8661</td>
<td><a href="mailto:frank.privitera@mobius-llc.com">frank.privitera@mobius-llc.com</a></td>
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<td>Kyle Kramer</td>
<td>VP, Defense</td>
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<td><a href="mailto:kyle.kramer@mobius-llc.com">kyle.kramer@mobius-llc.com</a></td>
</tr>
<tr>
<td>Dave Jacobson</td>
<td>Systems Engineering, PM</td>
<td>(256) 881-9459</td>
<td><a href="mailto:dave.jacobson@mobius-llc.com">dave.jacobson@mobius-llc.com</a></td>
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