NASA/MARSHALL SPACE FLIGHT CENTER

JOINT COUNSELING SESSION

RMV Technology Group LLC
Bob Vermillion, CEO/Founder
Renee Mitchell, President

June 13, 2017
2016 VBOC Small Business Champion of the Year

Coreena Conley, President & CEO, Veteran Business Outreach Center presents 2016 VBOC Small Business Champion Award to Bob Vermillion and Renee Mitchell for SBA Region IX.
<table>
<thead>
<tr>
<th>TOTAL EMPLOYEES:</th>
<th>2 - 4 (Lean dedicated Core Team of SMEs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVERAGE SALES:</td>
<td>$275,000 (tracking to include 2017)</td>
</tr>
</tbody>
</table>

<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>Yes</td>
</tr>
<tr>
<td>NATIVE AMERICAN-OWNED</td>
<td>No</td>
</tr>
<tr>
<td>ALASKAN NATIVE CORPORATION</td>
<td>No</td>
</tr>
<tr>
<td>WOMEN OWNED</td>
<td>No</td>
</tr>
<tr>
<td>ECONOMICALLY DISADVANTAGED WOMEN OWNED</td>
<td>No</td>
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<tr>
<td>VETERAN-OWNED</td>
<td>Yes</td>
</tr>
<tr>
<td>SERVICE DISABLED VETERAN OWNED</td>
<td>No</td>
</tr>
<tr>
<td>HUBZONE CERTIFIED</td>
<td>No</td>
</tr>
<tr>
<td>8(A) CERTIFIED</td>
<td>Graduate</td>
</tr>
<tr>
<td>8(A) EXPIRATION DATE (if applicable)</td>
<td>SBA # 111935</td>
</tr>
<tr>
<td>-----------------------</td>
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</tr>
<tr>
<td>OWNER:</td>
<td>Bob Vermillion, CPP, Fellow Certified ESD Engineer-iNARTE CEO &amp; Founder</td>
</tr>
<tr>
<td>EMAIL:</td>
<td><a href="mailto:bob@esdrmv.com">bob@esdrmv.com</a></td>
</tr>
<tr>
<td>CAGE CODE:</td>
<td>IUH79</td>
</tr>
<tr>
<td>WEB SITES:</td>
<td><a href="http://www.esdaerospacetraining.org">www.esdaerospacetraining.org</a> <a href="http://www.esdrmv.com">www.esdrmv.com</a></td>
</tr>
</tbody>
</table>


(2002) USA 1\textsuperscript{st} Place for Packaging Design Innovation by IoPP

(2007) Induction into the IoPP College of Fellows.


(2008 – 1\textsuperscript{st} Major Federal Contract with UC Berkeley Space Science Laboratory (a prime contractor for GSFC).
In Flight – Milestones

- (2010) NASA QLF – First to Present ESD Materials in DoD Supply Chain (JPL Invite)
- (2012) Suspect Counterfeit Training (ARC) for SMA & Engineering Groups
- (2014) Corporation of the Year (NIPHLE) for Innovations in Support of the Warfighter
- (2014) SATUREN Training Course – 1st in Industry to Train NASA ESD PMs
- (2014) Certification of Appreciation of Outstanding Leadership by GSFC
- (2016) SATUREN Training Course – 2nd “Hands On” Training for NASA
- (2016) GIDEP Speaker (Annual Conference) Suspect Counterfeit Materials/Packaging
- (2016) Certification of Appreciation of Outstanding Leadership by GSFC
- (2016) US Falcon (VBOC) wins ARC Contract & selects RMV as Subcontractor
- (2017) JAPC Annual Conference - Bob Vermillion, Featured Speaker (NASA Invite)
- 2017) Sole Source SDVOSB Award (LaRC) for MQL Testing of NASA Suppliers
- (2017) MEI Subcontract Award to RMV (PESS Contract) for ARC
- (2017) Upcoming GIDEP Training Conference (October 24th, Tysons Corner) “Incoming Inspection Techniques…”
Quality Assurance Memberships, Certifications & Awards for Government & Industry

- NASA Approved ESD Materials, Packaging & Products Test Laboratory
- Plus DLA, APPLE, Seagate, HP & Texas Instruments Approved
- American Council of Independent Laboratories (ACIL)
- Union Internationale des Laboratoires Independants (UILI)
- Active Industry Member of ESD Association Standards since 1996 and Co-Author of Numerous ANSI Technical Standards
- Former Vice-Chair ESD WIP19.1 Aerospace WG under Leadership of LaRC
- NASA SME Electrostatics for NASA Interagency Workmanship Group
- SAE G-19 Co-Chair & Founder Subcommittee Packaging Group
- SAE G-19 Counterfeits Parts Committee
ESDA Round Robin Test Lab (IBM, WPAFB, Seagate & RMV)
iNARTE Certified ESD & Product Safety Engineer
iNARTE Certified EMC Master Engineer
Institute of Packaging Professionals (IoPP) Fellow (2007)
Approved Exemplar Global (formerly iNARTE) Training Center (ASQ)
GIDEP Advisory issued by NASA (LaRC, AFRC and RMV) for Counterfeit “Cordless Wriststrap” (May 2017).
Invited GIDEP Speaker (2016) and again for the GIDEP Training Engagement (Tysons Corner, VA, October 2017).
<table>
<thead>
<tr>
<th>Aerospace Mission Support 561210, 611420, 611430</th>
<th>Engineering Services 541330</th>
<th>Logistics 541614</th>
<th>Test &amp; Evaluation 541380, 541712</th>
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</thead>
<tbody>
<tr>
<td>EH&amp;S: FOD, ESD, Forensics, Counterfeit Parts &amp; Components, Packaging &amp; Materials; Document Control; Compliance Support for Class A –D Projects</td>
<td>Robotics &amp; Machine Center (Validation Verification &amp; Certification (VVC) Factory/Cleanroom</td>
<td>Supply Chain Solutions for Independent Prime Supplier Audits, Corrective Actions, Forensics, Long Term Storage, Transport &amp; Material Handling Processes/Procedures in Volatile &amp; Low RH</td>
<td>ANSI, Mil.Std., IEC, ASTM, JEDEC, SEMI for ESD Materials, Products, Packaging of Incumbent, Potential and recently awarded CMs, OEMs, Suppliers, Distributors</td>
</tr>
<tr>
<td>Highbay/Cleanroom Class 100 to 100,000 Audits/Assessments, Validation/Certification</td>
<td>Reliability Engineering QA Engineering 3rd Party Assessments</td>
<td>3rd Party Supplier Assessment Sourcing for Mission Critical Solutions</td>
<td>Prototype T&amp;E Very Light Conductive Polymers (Composites) for 3D Manufacturing</td>
</tr>
<tr>
<td>Technology Training (Functional, Online, Video) Workmanship</td>
<td>Cable Harness T&amp;E Troubleshooting</td>
<td>Package Redesign/ Densification to lower Costs &amp; Maintain QC</td>
<td>R&amp;D Electrostatic Integrity for Engineered Materials before Launch for Survivability</td>
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</table>
(2010) NGC Mentor Protégé Program in which RMV subcontracted with Hampton University and provided ESD “Hands On” Certification Training, Technical Writing and Refresher Training Video.
2010 Video Training for the NGC Mentor Protégé Program as a Subcontractor for Hampton University for the USAF, Customer of Northrop Grumman Corporation. Film Studio that shot the video is Brian Collins, SDVOSB, Filmmaker and Winner of numerous Awards.
(2012) RMV was selected in an “Open and Full Competition” to provide ESD Training for Parts, Components, Materials & Packaging including Suspect Counterfeit Training for Quality Managers and Directors from multiple locations across the USA.
Skills & Processes
NAICS Code 611430

March 2014. RMV at ARC. “Hands On” ESD Training for NASA ESD Program Managers, including JPL.
Suspect Counterfeit Training
NAICS Code 561210, 541614

Suspect Counterfeit Training for NASA, DoD and GIDEP. This course is also critical for Incoming Inspection Techniques for the Primes, Distributors and Suppliers.
(2016) Amin Djamshidpour, Co-Founder Teton Aerospace, provided CubeSat for RMV R&D project.

(2016) 6th Annual High Tech Symposium, San Diego, CA
Skills & Processes
NAICS Code 541380

2016 - RMV Test and Evaluation of Supplier Materials and Packaging for a NASA & DoD Prime.
Planning Meeting Agenda
January 26, 2017
Aerojet Rocketdyne – Canoga Park, CA

CubeSats Require ESD Handling Protocols for Launch & Space Survivability

Invited Speaker
Bob Vermillion, CPP, Fellow
Certified, ESD & Product Safety Engineer-iNARTE
RMV Technology Group, LLC
NASA Ames Research Park
A NASA Industry Partner
Moffett Field, CA 94035
The No. 1 Electronics Packaging Design in the USA was awarded to Bob Vermillion, CPP/Fellow (Certified Packaging Professional) for a cost savings combination packaging scheme that incorporated an advanced polymer substrate and a specially developed carton with anti-counterfeit protection and RoHs Compliance for use by AT&T, JDSU and the US Navy. Hewlett Packard placed 2nd and 3rd. Motorola placed 4th in this category.
Nominated by Hewlett Packard and Texas Instruments for this prestigious Award that represents special and outstanding contributions and service to the field of packaging. Such contributions and service should typify the knowledge, skills and conduct of the dedicated professional.
The National Institute of Packaging, Handling and Logistics Engineers (NIPHLE) consisting of the US Army, US NAVY, USMC, DLA, DCMA and Industry presented RMV Technology Group, LLC with the 2014 NIPHLE National Corporate Award for Outstanding Innovations & Contributions in the field of Packaging Engineering for the Department of Defense and the Warfighter.
VIP Visit to RMV Laboratory & Training Center
SBA HQ

(2014) SBA HQ First Visit for Region IX to meet Bob Vermillion, Founder and CEO of RMV Technology Group, Maria Contreras Sweet, SBA Associate Administrator, Coreena Conley (VBOC) and Renee Mitchell (RMV).
(2015) NASA HQ Visit from Glenn Delgado, Associate Administrator to see the work that RMV is developing for future SBIR opportunities in the area of Materials Integrity for future lunar missions to determine the electrostatic integrity of materials before launch into space.
(2016) NASA GIDEP Coordinator Visit from HQ to see the innovative work that RMV is conducting with Suspect Counterfeit Materials, Packaging & Products in the Federal Supply Chain
Some of Our Customer Base


- Millennium Engineering & Integration Services, Northrop Grumman Corporation, Hampton University, HAKKO, Esterline, FLEX, APPLE, JABIL, Broadcom, Cal Poly SLO, NAVAIR Point Mugu, Raytheon, Space Systems Loral, Parsons Engineering, Lawrence Berkeley National Laboratory, UC Berkeley Space Science Laboratories, Auburn University, INSITU, PSEMC (subcontractor for LMCO), Rockwell Collins, Shaw Industries (Westinghouse), APPLE, TESLA, INTEL, Kimberly Clark Corporation, Seagate Technology, Frontier Electronics, QRP, PAYPAL, VISA, NVIDIA, LUBRIZOL, Johnson & Johnson, Medtronic, BAYER, ZOLL, Philips Healthcare plus others under NDA.
### Principal Point(s) of Contact

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<tr>
<th>NAME</th>
<th>TITLE</th>
<th>PHONE</th>
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<tr>
<td>Bob Vermillion</td>
<td>CEO/Founder</td>
<td>650-964-4792</td>
<td><a href="mailto:bob@esdrmv.com">bob@esdrmv.com</a></td>
</tr>
<tr>
<td>Renee Mitchell</td>
<td>President</td>
<td>650-964-4792</td>
<td><a href="mailto:renee@esdrmv.com">renee@esdrmv.com</a></td>
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RMV
Technology Group LLC
A NASA Industry Partner
NASA Ames Research Park
350 North Akron Road
Suite 1073, MS 19-46C
Moffett Field, CA 94035
T 650.964.4792
F 650.964-1268

Bob Vermillion, Founder/CEO
bob@esdramv.com
Renee Mitchell, Alternate POC
renee@esdramv.com
www.esdaerospacetraining.org
www.esdramv.com