Message from the Director, OSBP

This is the first in a series of articles that I will be writing every quarter to keep you abreast of events that are occurring within the Missile Defense Agency (MDA) as they relate to opportunities for small businesses.

My goal is to provide you with helpful information about doing business with the Agency including tips for your marketing and business capture strategies.

In this first article, I discuss the Agency, its ongoing mission, and my philosophy for directing the MDA Office of Small Business Programs (OSBP). You may know this office by one of its former names: Office of Small and Disadvantaged Business Utilization (SADBU), or the Small Business Program.

In future articles, I plan to discuss topics including: “Marketing to MDA,” “How MDA Acquires Services,” and “Maximizing Opportunities to do Business with MDA.”

I will answer questions about Base Realignment and Closure (“BRAC”) developments and its possible effect on small businesses. I will also answer or discuss any other topic that you, the reader, would like to have addressed.

MDA has a long and successful legacy beginning in the 1980’s with President Reagan’s Strategic Defense Initiative. The Strategic Defense Initiative Organization, or SDIO, was formed to address growing concerns among Americans and our allies about the Intercontinental Ballistic Missile threat from “around the globe.” The mission at that time was essentially to develop a protective missile defense shield against these threats. SDIO was tasked to conduct the technological research and development required to create this shield within the limits of the provisions of the Anti-Ballistic Missile (ABM) Treaty, then in effect. SDIO evolved over time into the Ballistic Missile Defense Organization (BMDO) and, finally, into today’s Missile Defense Agency. In December 2001, President Bush announced that the U.S. was withdrawing from the ABM Treaty and charged the Department of Defense and MDA with fielding the initial capability for a Ballistic Missile Defense System (BMDS) by the end of calendar year 2004. MDA met President Bush’s initial capability mandate. Today we are continuing our expansion and enhancement of this initial fielded capability.
MDA’s Office of Small Business Programs’ Conference is a Great Success!

The 7th Annual MDA Small Business Day Conference was held on September 28, 2006 at the Hyatt Regency Hotel in Crystal City, Virginia. This year’s conference theme was “Partnering for Success” and, by many accounts, it was the most successful small business event ever produced by the MDA’s Office of Small Business Programs.

In attendance were approximately 266 small businesses representing 27 states. In addition to the small business attendees, there were 15 conference staff members, and 35 speakers including 15 Prime Contractor speakers. The attendance chart below provides a breakdown of the business classifications.

The day began at 7 a.m. with a continental breakfast and registration. At 8 a.m., the morning session was opened with remarks from Lee Rosenberg, Director of the MDA Office of Small Business Programs. His remarks were followed by an address from Linda Bithell Oliver, Deputy Director of the Office of Small Business Programs, Office of the Secretary of Defense.

The keynote speech was delivered by Katrina Wahl, Deputy for Acquisition Management at MDA. Ms. Wahl spoke on the roles and responsibilities of the Acquisition organization and the acquisition strategy process. Next, Barney Klehman, Director of Contracting at MDA, talked about the MDA contracting process and his advocacy for small businesses. Caroline Coleman, Assistant Director for Contractor Support Services, summarized the role of the Contractor Support Services Organization and how they award and administer 80% of support services contracts in the National Capital Region.

MDA OSBP Conference continued on Page 3…
MDA’s OSBP Conference cont…

The afternoon session consisted of a variety of breakout sessions conducted by MDA program managers and MDA prime contractors. From 1 p.m. until 4 p.m., MDA program managers spoke about how to bid on MDA contracts and what contracts were available. At 4 p.m., MDA’s Prime Contractors talked to attendees about their contracts, the Mentor Protégé program and subcontracting opportunities. Small business attendees had the option of attending several of the 30-minute sessions during the afternoon. The Mentor Protégé and DOC (Information Management and Technology) sessions proved to be the most popular.

MDA OSBP Goes to the Veteran’s Doing Business Conference in Dallas, TX

The MDA Office of Small Business Programs participated in the 2006 Veterans and Service-Disabled Veteran-Owned Small Business Conference held last week, December 4-7, 2006, at the Adam's Mark Hotel in Dallas, Texas. The conference was hosted by the Veterans Corporation. Approximately 300 people attended the conference including Veterans, Department of Defense small business liaisons and large business representatives.

Approximately 11 of the businesses offered information technology and software services, seven offered engineering solutions, three specialized in video or video conferencing services, and two offered environmental services. Several companies offered some specialized services including waste-disposal consulting, general contracting, a physician employment service, office furniture sales and intellectual capital equity.

The Office of Small Business Programs is planning to follow-up with these Veteran-Owned small businesses on possible contracting opportunities within MDA as they become available. Mr. Frank Ramos, Director of the DoD OSBP provided the welcome and opening remarks, and the Honorable Dr. James I. Finley, DoD Deputy Under Secretary of Defense for Acquisition and Technology, gave the Keynote Address.
As with every Defense Agency, MDA is required to have a small business office dedicated to ensure that small businesses have the maximum practicable opportunity to participate on prime and subcontracts. Within MDA, the OSBP coordinates and monitors efforts to ensure small business participation is considered in all acquisition strategies. MDA’s leadership and I fully embrace this duty and responsibility. The Agency Director, Lt. General (Lt. Gen.) Trey Obering, is very supportive of small businesses. In fact, Lt. Gen. Obering has expressed his great appreciation for the innovation and efficiency resident in the small business community. He has taken steps to raise the visibility of the Agency’s small business utilization programs, particularly through his decision to place me as a voting member on Agency Acquisition Strategy Panels (ASPs). The significance of this appointment lies in the ASP’s authority to review and approve all major MDA acquisition strategies within the Agency.

The OSBP is divided into two general areas: Small Business Outreach/Socio-economic Programs and MDA Small Business Innovative Research/Small Business Technology Transfer (SBIR/STTR) Programs. I am pleased to have the responsibility both for the management of the more traditional socio-economic programs and outreach efforts, such as the Mentor-Protégé Program and the Historically Black Colleges and Universities/Minority Institutions (HBCU/MI) Program, as well as the execution of MDA’s SBIR/STTR programs. I have the privilege and pleasure of leading a great group of Government and Contractor Support personnel in accomplishing our mission.

My philosophy in developing and executing MDA’s Small Business Program is simple. First, I have two sets of customers; the small businesses across the U.S. and the MDA program directors, managers and staff offices. I believe that marrying the needs of my internal customers with the capabilities and experience of my external customers will ultimately lead to more utilization of small businesses. In order to accomplish our mission, we seek out and counsel small businesses with the capabilities and past performance to support the needs of MDA, educate them on MDA, its mission and how we do business, give them some guidance on marketing to MDA and assist them in contacting the “right people” within the Agency. We also participate in the acquisition planning process with our internal customers and assist them with their market research in order to increase the utilization of small businesses within their acquisition strategies. In fact, I am proud to say, this philosophy has worked and we have increased our small business utilization across the Agency over the last year and a half since I have been the OSBP Director.

As you are well aware, MDA will not award a contract to a business based solely on the business size status or category. Capability and performance are the key attributes around which all contract award decisions are made. Happily, I have found many small businesses across the spectrum of small business categories that possess the requisite capabilities to meet many of our needs. Just as significantly, these small businesses have had the demonstrated specific or related past performance required to document their experience.

I am also very proud of our SBIR/STTR Program. Lt. Gen. Obering has often told me that part of the future success of accomplishing MDA’s mission lies in our ability to take advantage of the great technological innovation resident in the small business community, and our ability to leverage that innovation by developing and fielding new technologies to improve BMDS capabilities.

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Message from the OSBP Director, cont…

We maintain the fourth largest SBIR/STTR Program within the Department of Defense, behind the three military services. We have awarded hundreds of contracts to small businesses for innovative developments across a wide spectrum of technologies, and these awards have translated into improvements in our overall system capabilities. These investments will continue to pay dividends, as we continue to incorporate these new capabilities into the BMDS, now and into the future.

In summary, I have met and talked with many small businesses across the country. I have been extremely impressed with the innovation and good business practices resident in that community. I also am greatly encouraged by the opportunities that will be available at MDA in the future as we continue to utilize the capabilities of small businesses. The OSBP welcomes the opportunity to meet with you and discuss your individual requirements and capabilities to participate in the defense of our Nation and its deployed forces against a very real and growing ballistic missile threat.

Small Business Innovation Research Program (SBIR) and Small Business Technology Transfer Research Program (STTR)

The statutory purpose of the SBIR Program is to strengthen the role of innovative small business concerns (SBCs) in Federally-funded research or research and development (R/R&D). Specific program purposes are to:

(1) stimulate technological innovation; (2) use small business to meet Federal R/R&D needs; (3) foster and encourage participation by socially and economically disadvantaged SBCs, and by SBCs that are 51 percent owned and controlled by women, in technological innovation; and (4) increase private sector commercialization of innovations derived from Federal R/R&D, thereby increasing competition, productivity and economic growth.

DoD's SBIR program funds early-stage R&D projects at small-technology companies projects which serve a DoD need and have the potential for commercialization in private sector and/or military markets. The program, funded at approximately $1.164 billion in FY 2006, is part of a larger ($2.3 billion) federal SBIR program administered by ten federal agencies. Congress has mandated continuation of the SBIR program through the year 2008 and the STTR program through 2009.

As part of its SBIR and STTR programs, MDA participates in a DoD-issued solicitation, describing its R&D needs and inviting R&D proposals from small companies -- firms organized for profit with 500 or fewer employees. The next upcoming DoD STTR solicitation will open for pre-release on 22 January 2007.
Small Business Innovation Research Program (SBIR) and Small Business Technology Transfer Research Program (STTR) cont...

The MDA SBIR Program will be participating in the 07.3 DoD Solicitation, which will be posted for pre-solicitation on 19 July 2007. Additional details regarding both solicitations are available via http://www.dod.sbir.net.

Mike Zammit is the government/civilian Program Manager for the MDA SBIR/STTR Program and Jangela Shumskas (contractor) is the Senior Program Analyst and primary point of contact for the MDA SBIR/STTR Program Management Office, email: SBIRSTTR@mda.mil.

New Mentor-Protégé Agreement between DR Technologies, Inc. and Jones Technologies, Inc.

The Department of Defense (DoD) Pilot Mentor-Protégé Program was established in 1991 under Public Law 101-510 in Section 831 of the National Authorization Act Defense Federal Acquisition Regulation Supplement (DFARS) and implemented in Part 219.71. The mentor must be a prime contractor that makes a commitment to promoting and developing a small business as its protégé by providing developmental assistance designed to promote the business success of the protégé.

On September 22, 2006, a Mentor-Protégé Agreement between DR Technologies, Inc. (DRT), the Mentor, and Jones Technologies, Inc. (JTI), the Protégé, was approved by the MDA Office of Small Business Programs (OSBP). All MDA Mentor-Protégé Agreements are funded by the Office of the Secretary of Defense’s (OSD) OSBP. JTI will be the beneficiary of developmental assistance pursuant to its mentor-protégé agreement with DRT and its developmental assistance plan. DRT is also a subcontractor on several major contracts with prime contactors such as Boeing Company, Lockheed Martin, Raytheon, and Northrop Grumman.

DRT has partnered with JTI, a certified Small Disadvantaged Business (SDB), to license JTI’s composite structures manufacturing technologies and jointly pursue new business opportunities. Under the three-year Mentor-Protégé Agreement, JTI will receive technology transfer, training, quality assurance program, and contract opportunities by becoming a qualified composite manufacturing supplier to MDA, other DoD agencies, and prime contactors. To enhance the opportunity for JTI, DRT entered into an agreement with Florida A&M, Tallahassee, Florida, a Historically Black University, to provide composite R&D support and technical training to student-trainees as part-time employees for JTI, which eventually will provide full-time employment for the graduates.

There are few SDB firms qualified to perform as prime or subcontractors in the field of composites manufacturing, particularly with regard to meeting the systems program requirements for MDA, and DoD has sought to increase the system performance and reduce production costs.
New Mentor-Protégé Agreement between DR Technologies, Inc. and Jones Technologies, Inc. cont...

In order to be consistent with this objective, JTI has established a new facility in North Miami Beach, Florida in a HUBZone for its new composites manufacturing division. DRT and JTI believe that by establishing similar relationships through the Mentor-Protégé Program, partnerships will be created that may result in increased competitiveness, lower subcontracting cost, and an increase in the number of SDBs available to support the MDA’s mission.

New Mentor-Protégé Agreement between SPARTA, Inc. and Pearce Consulting Services

On November 22, 2006, the Missile Defense Agency’s Office of Small Business Programs (OSBP) approved a Mentor-Protégé Agreement between SPARTA, Inc., the Mentor, and Pearce Consulting Services, the Protégé. Under the agreement, SPARTA is receiving direct reimbursement, which is funded by the OSD OSBP.

SPARTA, Inc. was approved under the DoD's Mentor-Protégé Program to participate as a Mentor on December 19, 2005. A year earlier, SPARTA had grown to become a large business and thus clearly understood the obstacles Pearce Consulting Services might endure. Pearce Consulting Services is a woman-owned small business (WOSB) that assists MDA in International Programs. The company's specialties include economic analysis, international science, and environmental assessment.

SPARTA specializes in systems engineering and advanced technology, the three-year agreement will enhance Pearce Consulting Services' capabilities in the areas of financial management, human resources, proposal preparation, contracting management, subcontract opportunities, technical assistance, and business strategy.

The Mentor-Protégé Agreement will assist the DoD in its objective of fostering the growth and enhanced competitiveness of WOSBs and SDBs. Also, by enhancing Pearce Consulting Services’ capabilities, DoD will advance its own efforts in international science and technology, modeling and simulation, and environmental remediation.

Current MDA OSBP Mentor Protégé Agreements

- Boeing Company and Aleut Technologies Inc. (SDB & Alaskan Native)
- Boeing Company and All Points Logistics, Inc. (SDB)
- Boeing Company and DK Communications, Inc. (WOSB)
- Booz-Allen Hamilton and Digital Operations Corporation (SDB & HUBZone)
- DR Technologies, Inc. and Jones Technologies, Inc. (SDB & HUBZone)
- Sparta, Inc. and Pearce Consulting Services, LLC (WOSB)
Historically Black Colleges and Universities and Minority Institutions Program Broad Agency Announcement

The Office of Small Business Programs, in cooperation with the Advanced Technology Directorate (DV) of the Missile Defense Agency, issued a Broad Agency Announcement (BAA) on October 30, 2006, seeking research proposals from Historically Black Colleges and Universities and Minority Institutions (HBCU/MIs). The objective of this set-aside pilot program is to promote the participation of and prepare HBCU/MIs to compete not only for the mainstream research program of MDA/DV, but also to compete with major institutions of higher learning for research funding from all other available resources.

The proposals were solicited on the following eight general technology research categories:

(1) **Radar Systems** includes Integrated System Concepts, Cross Sections and Signatures, Measurements (waveforms and data extraction), Advanced Measurement Capabilities for Range and Velocity that are Robust against Countermeasures, Transmit/Receive Modules, Radar Signal Processing, Data Visualization, Data Compression, Image Interpretation, and Passive Radio-Frequency (RF) Systems.


(3) **Integrated Active/Passive Infrared (IR) Sensor Systems** are LADAR Transmit/Receive Systems, Optical Signal Processing, Passive Electro-Optic/Infrared (EO/IR) Systems including ideas and concepts for IR materials and Focal Plane Arrays (FPAs) having the following desired features: large format size, multicolor capability, manufacturable, affordable, capable of extending to Very Long Wavelength Infrared (VLWIR) Detection at temperatures higher than 35K, Read-Out Electronics; Lightweight EO/IR Kill Vehicle Sensors and seekers with high frame rate capability, Fast Read-out Large Format FPAs for Hyper-Spectral Imaging, Non-EO Sensors for post impact warhead typing (in-situ or stand-off); Hardware-in-the-loop (HWIL) testing of Multi-/Hyper-Spectral Sensors, HWIL testing of LADAR systems in a Thermally Controlled Vacuum Environment, test of ground, air, space, sea-based sensor system operations (all wavelengths considered).
Historically Black Colleges and Universities and Minority Institutions Program Broad Agency Announcement cont...


(6) **Physics, Chemistry, and Materials** includes the study of phenomenology associated with Missile Detection, Tracking and Discrimination, Infrared and Optical Signatures, Energy Conversion, Fuel Cells and Battery Technology, Kinetic Impact and Post-impact Phenomenology and associated Signatures, Rocket Plume Analysis, Spectral Imaging for Threat/Decoy Discrimination, and integration of conventional silicon technology with new nanostructures (i.e., carbon nanotubes or nano-materials) for next generation interceptor sensors.

(7) **Mechanical and Aerospace Engineering** includes Space Systems, Micro Satellites for Bus and Payload Designs, Precision Guidance, Homing Navigation, Guidance Navigation & Control (GNC); Target Tracking and Prediction, Sub-systems, and components-such as Precision Propulsion and Constellation Networking, Missile System Aerodynamics, High Maneuverability, Divert/Axial Propulsion, Liquid and Solid Divert and Attitude Control Systems (DACS), Re-entry Physics, Guidance and Control, Kill Vehicle Lethality Enhancement; Materials Science to include Lightweight, Thermo-Resistant Materials for Boosters and Kill Vehicles, Lightweight Structures with Embedded Radiation Shielding, also of interest are the Prediction, Quantification, and Compensation of Aero-Optic effects of turbulence on Imaging Sensors.

(8) **Battle Management/Command and Control** includes Engagement Planning, Sensor and Weapon Resource Management, Tactics, Intelligence Exploitation, Evolving Threats and Countermeasures, Target Tracking; Human in the Loop (MDA Operations) Intelligence Processing and Decision Making in Near Real Time, Information Processing and Computing Technologies, Launch Platform-Interceptor Communications, Interceptor-Interceptor Communications, Interceptor-Launch Platform Communications, Aircraft Mountable High Bandwidth Communications (T1 minimum; T3 or greater preferred) for line of sight and Over the Horizon (OTH) Data Transfer; Lethality Assessment Technologies, non-real-time, non-tactical (not kill assessment) test applications; Fire Control; and distributed real-time simulations using reconfigurable objects (all digital, HWIL or live).

The BAA listed in detail the selection criteria to be followed by the Principal Investigators.

HBCU/MI continued on Page 10…
Historically Black Colleges and Universities and Minority Institutions Program Broad Agency Announcement cont...

The MDA received 49 proposals in response to the above BAA by the closing date. The proposals will be evaluated and a team of experts will recommend acceptance and funding for some of these proposals. Since these proposals are being funded with extra money that HBCU/MI Program had already funded, a new BAA will be issued during late March or early April 2007 soliciting proposals from HBCU/MIs for funding for Fiscal Year 2007 and 2008.

For further information on the HBCU/MI Program, please contact Dr. Pravat K. Choudhury at 703-553-3402 or via email at pravat.choudhury@mda.mil.


Department of Defense News...

New U.S. Secretary of Defense is Sworn In
Source: www.defenselink.mil/bios

Dr. Robert Gates, 63, was sworn in on Monday, December 18, 2006 as the 22nd U.S. Secretary of Defense. Prior to assuming his present post, Dr. Gates was the President of Texas A&M University from August 1, 2002 to December 18, 2006. Dr. Gates served as Director of the CIA from 1991 until 1993. In this position, he headed all foreign intelligence agencies of the United States. He is the only career officer in CIA’s history to rise from entry-level employee to Director. Dr. Gates joined the Central Intelligence Agency in 1966 and spent nearly 27 years as an intelligence professional, serving six presidents. During that period, he spent nearly nine years at the National Security Council at the White House, serving four presidents of both political parties.

Frank Ramos Announces Retirement

Mr. Frank Ramos, Director of the Office of Small Business Programs, Department of Defense, will retire effective January 3, 2007. Linda Bithell Oliver will become the Acting Director until a new Director is appointed. We wish him well. He has been a great asset to DoD’s Small Business Programs and will be greatly missed.
Congressional News...

As a result of the November 2006 elections, both the House and Senate small business committees now have new Chairpersons.

Kerry Named Chair of Senate Committee on Small Business and Entrepreneurship

After 21 years of serving on the Senate Committee on Small Business and Entrepreneurship, The Honorable John Kerry (D-Mass.), has been named chairman of the Committee for the 110th Congress. According to the Chicago Tribune, Senator Kerry plans to focus on several issues including affordable health care for small businesses, increasing money to minority and women-owned businesses, reducing paperwork and improving tax incentives.

First Hispanic Woman to Become Chairwoman of House Small Business Committee

On December 8, 2006, The Honorable Nydia Velazquez (D-NY) was named as the first Hispanic woman to become chairwoman of the House Small Business Committee. For the last six years, Congresswoman Velazquez has served as a Ranking Minority Member on the Committee. In a statement made on December 8, 2006 and released by the House Small Business Committee, Congresswoman Velazquez plans to focus on reducing regulatory and tax burdens and healthcare costs for small businesses.
Small Business Administration News...

New SBA Administrator

On June 29, 2006, Steven C. Preston was confirmed by the U.S. Senate by unanimous consent to become the 22nd Administrator of the U.S. Small Business Administration. The Administrator has 25 years of experience in financial and operational leadership positions. He graduated with Highest Distinction from Northwestern University with a political science degree and received an MBA from the University of Chicago Graduate School of Business. In addition, he has studied at the Ludwig-Maximilians-Universitat in Munich, Germany.

MDA OSBP Website and Database Update

The MDA OSBP website and database are currently undergoing updates and improvements in order to comply with government regulations and privacy issues. We will send out a notification when the database and website are fully functional. A sample of how the new website will look is below:
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Websites of Interest:

Missile Defense Agency (MDA)  

MDA Office of Small Business Programs  
www.mdasmallbusiness.com

Department of Defense Contracting Information  

Defense Procurement and Acquisition Policy  
http://www.acq.osd.mil/dpap/

U.S. Senate Committee on Small Business & Entrepreneurship  
http://sbc.senate.gov/democrat/legislation.cfm

SBA Office of Advocacy  

SBA Free Online Training  
http://www.sba.gov/services/training/onlinecourses/index.html