NASA HBCU/MSI Technology Infusion Road Tour at the Florida Agricultural and Mechanical University

Purpose, Benefits, What’s New?

Tabisa T. Kalisa
September 27, 2016
Agenda

- NASA HQ Office of Small Business Programs Overview
- NASA Mentor-Protégé Program
  - Overview
  - Status
- Approved NASA Mentors
  - HBCU/MSI Agreements
- NASA Centers
  - What’s New
  - Questions
NASA HQ Office of Small Business Programs

Overview

- Influence SB policy and procedure
- Outreach on macro level
- Interacts with Executive and Legislative branches
- Reviews full & open contracts over $50 million
- Small Business Awards Programs
- Reviews full & open contracts over $50 million
- Provides Training to Acquisition, Technical, and Program Personnel
- Goal Negotiations
- Data Quality
- Mentor-Protégé Program
A value-focused program that is aligned with NASA’s current and future strategy and mission.

NASA has two types of Agreements:
- Credit
- Award Fee Pilot Program

Only NASA Small Business Innovation Research (SBIR) or Small Business Technology Transfer (STTR) Phase II protégés are eligible to participate with mentors in the Award Fee Pilot Program.

In the Pilot Program, a mentor is eligible to receive an award fee of up to $100,000, on top of any other award fee, at the end of the agreement period based upon the mentor's performance in providing developmental assistance to its protégé.
As of September 1, 2016, the NASA Mentor-Protégé Program has:

- 26 approved Mentors

11 Mentor-Protégé Agreements with $1.4M in Developmental Assistance (Technical and Business) across 6 NASA Centers including:

- Ames Research Center
- Goddard Space Flight Center
- Johnson Space Center
- Kennedy Space Center
- Langley Research Center
- Marshall Space Flight Center
Approved NASA Mentors

- AECOM Technical Services, Inc.
- Aerojet Rocketdyne
- Assurance Technology Corporation
- The Boeing Company
- CH2M Hill
- General Dynamics C4 Systems
- Hamilton Sundstrand Space Systems, Inc (HSSI)
- Honeywell Technology Solutions, Inc.
- ITT Information Systems
- Jacobs Technology, Inc.
- L-3 Communications Logistics Solutions
- Lockheed Martin Corporation
- Millennium Engineering and Integration Company
- Northrop Grumman Corporation
- Orbital ATK Flight Systems Group
- Parsons Infrastructure & Technology Group, Inc.
- QinetiQ North America, Inc.
- Raytheon Company
- Science Applications International Corporation (SAIC)
- Sierra Nevada Corporation
- SGT, Inc.
- Southwest Research Institute
- Teledyne Brown Engineering
- TYBRIN Corporation
- URS Federal Technical Services, Inc.
- Wackenhut Services Incorporated
NASA Mentor-Protégé Program
HBCU/MSI Agreements

- All Mentor-Protégé Agreements require a desirable ratio of developmental assistance
- Under a HBCU/MSI Agreement, the developmental assistance requirement split is:
  - 70% Business Development
  - 30% Technical Assistance
- Goal:
  - Help these institutions find another source of revenue especially contracts
  - Expose Prime to innovative technology at HBCUs/MSIs, for possible technology infusion into NASA missions
  - Provide students with practical job skills
NASA Mentor-Protégé Program
HBCU/MSI Agreements

Business Development (70%), including but not limited to:
- Organizational planning management: Strategic and Business Planning, legal/risk management, proposal development
- Business development/marketing/sales: Market Research, Product Forecasting, web-based marketing, e-commerce
- Human Resource Management
- Contract management
- Facilities and plant management: security, health and safety, OSHA standards
- Any other assistance designed to develop the business/infrastructure capabilities of the Protégé

Technical Development (30%), including but not limited to:
- Quality Management programs: ISO 9000 Certification, SEI/CMM certification
- Technology Transfer
- Obtaining Security Clearance for Institutional facilities
- Lean Six Sigma
- Fiber optics systems design
- Network systems: design and engineering, implementation
- Information system design
- Tooling design and fabrication
Updated NASA Policy Directive 5000.2D Small Business Subcontracting Goals

- Clear guidance

Revamping the NASA Vendor Database

- HBCUs/MSIs will have the ability to upload capability statements
- Improve Market Research

Incorporate the One Percent HBCU/MSI Goal into the NASA FAR Supplement

- Case number 2016-N034
Excellent feedback from Universities, ROI

<table>
<thead>
<tr>
<th>FY17 Dates</th>
<th>Institution Designation</th>
<th>Host University</th>
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<tbody>
<tr>
<td>January 10-12, 2017</td>
<td>Minority Serving Institution</td>
<td>University of Nevada, Las Vegas</td>
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<tr>
<td>April 4-6, 2017</td>
<td>Historically Black College and University</td>
<td>Tennessee State University</td>
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<tr>
<td>August 22-24, 2017</td>
<td>Historically Black College and University</td>
<td>Jackson State University</td>
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