Better Buying Power 3.0 DRAFT
Achieving Dominant Capabilities through Technical Excellence and Innovation

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Achieve Affordable Programs
- Continue to set and enforce affordability caps

Achieve Dominant Capabilities While Controlling Lifecycle Costs
- Strengthen and expand "should cost" based cost management
- Build stronger partnerships between the acquisition, requirements, and intelligence communities
- Anticipate and plan for responsive and emerging threats
- Institutionalize stronger DoD level Long Range R&D Planning

Incentivize Productivity in Industry and Government
- Align profitability more tightly with Department goals
- Employ appropriate contract types, but increase the use of incentive type contracts
- Expand the superior supplier incentive program across DoD
- Increase effective use of Performance-Based Logistics
- Remove barriers to commercial technology utilization
- Improve the return on investment in DoD laboratories
- Increase the productivity of IRAD and CR&D

Incentivize Innovation in Industry and Government
- Increase the use of prototyping and experimentation
- Emphasize technology insertion and refresh in program planning
- Use Modular Open Systems Architecture to stimulate innovation
- Increase the return on Small Business Innovation Research (SBIR)
- Provide draft technical requirements to industry early and involve industry in funded concept definition to support requirements definition
- Provide clear "best value" definitions so industry can propose and DoD can choose wisely

Eliminate Unproductive Processes and Bureaucracy
- Emphasize AE, PEO and PM responsibility, authority, and accountability
- Reduce cycle times while ensuring sound investments
- Streamline documentation requirements and staff reviews

Promote Effective Competition
- Emphasize competition strategies and creating and maintaining competitive environments
- Improve technology search and outreach in global markets

Improve Tradecraft in Acquisition of Services
- Increase small business participation, including through more effective use of market research
- Strengthen contract management outside the normal acquisition chain – installations, etc.
- Improve requirements definition
- Improve the effectiveness and productivity of contracted engineering and technical services

Improve the Professionalism of the Total Acquisition Workforce
- Establish higher standards for key leadership positions
- Establish stronger professional qualification requirements for all acquisition specialties
- Strengthen organic engineering capabilities
- Ensure the DOD leadership for development programs is technically qualified to manage R&D activities
- Improve our leaders' ability to understand and mitigate technical risk
- Increase DoD support for STEM education

Strengthening Cost Consciousness, Professionalism, and Technical Excellence

Integrity – Service – Excellence

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Dr. LaPlante's Acquisition Enterprise priorities:

1. **Get the high priority programs right & keep them on track**

2. **Improve relationships & transparency with stakeholders**

3. **Own the technical baseline for important programs (SAF/AQR)**

4. **Build on "Better Buying Power" to improve business acumen & small business to achieve best program outcomes**

5. **Build to the long term strategy – resiliency to peer competitors – experiment and innovate (SAF/AQR)**

- **Own the Technical Baseline – (SAF/AQ Priority 3)**

  - **Implement Engineering Enterprise Strategy**

  - **Enable high quality engineering decisions; Implement digital thread**

  - **Leverage pilot programs to define OTB**

- **Build the Future Air Force – (SAF/AQ Priority 5)**

  - **Align S&T Program to near, mid, and far-term Air Force priorities**

  - **Reinvigorate prototyping and experimentation**

  - **Align Development Planning (DP) to Air Force priorities**

  - **Leverage Reliance 21, ManTech, International, SBIR and RIF**

- **Recruit, develop, and retain a high performing S&E workforce**

- **Develop recognized value of Air Force ST&E**

AF Engineering Enterprise Strategy

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Priority 1: Refine engineering enterprise governance, roles and responsibilities, and supporting policy
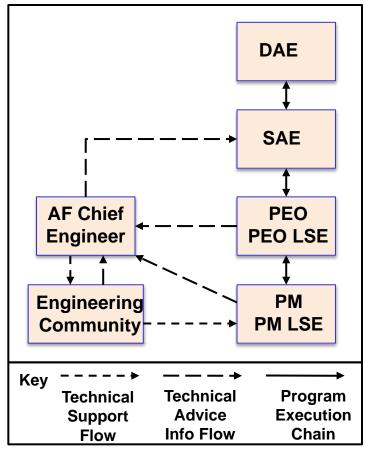
Priority 2: Enable high-quality engineering decisions and seamless communication

Priority 3: Improve engineering discipline through technical information management and standardization

Priority 4: Address engineering enterprise workforce issues, including core competencies, structure, development, and assignments

Air Force Technical Authority

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- **25 Oct 13 SAF/AQ "Technical Authority" memo**
- **Air Force Chief Engineer, SAF/AQR will:**
  - a) **Provide technical advice to SAE**
  - b) **Engage PEO LSEs (DOEs) & PM LSEs (Chief Engineers) on tech matters**
  - c) **Oversee engineering policy and guidance**
  - d) **Direct external program assessments, as needed**
- **Expectations:**
  - a) **SAF/AQR will support OSD PSAs**
  - b) **SAF/AQR will direct external program assessments as needed; PM will support**
  - c) **Center-level ENs will engage & support programs; participate in 9 principal tech reviews (ACAT I & non-delegated); provide feedback to PM, PEO, AQR, and MDA**
  - d) **PEO/PM LSEs & Center-level ENs will discuss tech status w/ AQR prior to AQ reviews**

Integrity – Service – Excellence

Technical Reviews Reporting Template

- **9 Principal Technical Reviews**

  - **Alternative Systems Review (ASR)**

  - **System Requirements Review (SRR)**

  - **System Functional Review (SFR)**

  - **Preliminary Design Review (PDR)**

  - **Critical Design Review (CDR)**

  - **System Verification Review (SVR)**

  - **Functional Configuration Audit (FCA)**

  - **Production Readiness Review (PRR)**

  - **Physical Configuration Audit (PCA)**

- **Template provided for reporting to SAF/AQR, PM, and PEO on the ASR, PDR, CDR, and PRR**

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- **Template content:**

  - **Current Top 3 Technical Risks (unless there are more than 3 High risks, in which case report on all High technical risks)**

  - **Prior Technical Review Top 3 Technical Risks**

  - **Current Top 3 Technical Issues**

  - **Prior Technical Review Top 3 Technical Issues**

  - **OSD Technical Management Emphasis Areas (SAF/AQR will identify the OSD emphasis areas annually)**

  - **Status Current ESOH High Risks (DoDI 5000.02 Requirement)**

  - **General Observations/Recommendations**

  - **Relevant Documents (list attached documents, if any, and provide as required to complete this report)**