Office of Procurement
Acquisition Forecast
## MSFC Acquisition Forecast

<table>
<thead>
<tr>
<th>POP EXPIRES</th>
<th>INCUMBENT</th>
<th>CONTRACT</th>
<th>TITLE</th>
<th>POTENTIAL VALUE</th>
<th>PREVIOUS COMPETITION/NAICS</th>
<th>PROJECTED RFP RELEASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/31/2016</td>
<td>Excalibur Associates</td>
<td>NNM12AA08C</td>
<td>Protective Services at MSFC and MAF</td>
<td>$46M</td>
<td>GSA SB Reserve 561612</td>
<td>March 2016</td>
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<tr>
<td>01/31/2017</td>
<td>CH2M</td>
<td>NNM12AA05C</td>
<td>Logistics Support Services</td>
<td>$84M</td>
<td>Full &amp; Open 561210</td>
<td>April 2016</td>
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<td>01/31/2017</td>
<td>Bastion Technology</td>
<td>NNM07AA74C</td>
<td>Safety &amp; Mission Assurance Support Services</td>
<td>$376M</td>
<td>SB Set-Aside 541712</td>
<td>May 2016</td>
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<tr>
<td>03/31/2017</td>
<td>COLSA Corporation</td>
<td>NNM12AA10C</td>
<td>Huntsville Operations Support Center Services</td>
<td>$131M</td>
<td>SB Set-Aside 541712</td>
<td>June 2016</td>
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<td>05/31/2017</td>
<td>CH2M</td>
<td>NNM10AA17C</td>
<td>Architect Engineering for Environmental Engineering</td>
<td>$75M</td>
<td>Full &amp; Open 541330</td>
<td>November 2016</td>
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</table>
## MSFC Acquisition Forecast (Cont’d)

<table>
<thead>
<tr>
<th>POP EXPIRES</th>
<th>INCUMBENT</th>
<th>CONTRACT</th>
<th>TITLE</th>
<th>POTENTIAL VALUE</th>
<th>PREVIOUS COMPETITION/NAICS</th>
<th>PROJECTED RFP RELEASE</th>
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</thead>
<tbody>
<tr>
<td>07/31/2017</td>
<td>Jacobs</td>
<td>NNM12AA41C</td>
<td>Engineering &amp; Science Services &amp; Skills Augmentation</td>
<td>$639M</td>
<td>Full &amp; Open 541712</td>
<td>January 2017</td>
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<tr>
<td>09/30/2017</td>
<td>Analytical Services</td>
<td>NNM12AA53C</td>
<td>Office of Strategic Analysis &amp; Communications Support Services</td>
<td>$52M</td>
<td>GSA SB Reserve 541712</td>
<td>March 2017</td>
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<tr>
<td>2/28/2018</td>
<td>Teledyne Brown</td>
<td>NNM13AA29C</td>
<td>Mission Operations and Integration</td>
<td>$133M</td>
<td>Full and Open</td>
<td>August 2017</td>
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</table>
Office of Procurement
Staffing and Organization
PS10/Policy and Information Management Office

PS10
Office Manager:
Harry Craig

PS12
Team Lead: Marty Hanson
Policy and Review Team

- Contract Review
- Policy & Related Functions
- Acquisition Training
- Unsolicited Proposal Coordination
- Audits

PS14
Team Lead: Amy Campbell
Information & Technology Systems Team

- SAP/CMM Support (Contract Writing Tool)
- NASA Acquisition Internet Service (NAIS)
- Purchase Card Coordination
- NASA Shared Services Center (NSSC) Support
- CFO Liaison
PS20/Engineering Support Office

PS20
Office Manager:
James Bailey

PS21
Office Chief: Joe Eversole
Engineering Programs & Systems Support
- Engineering and Science Services and Skills Augmentation (ESSSA) (Jacobs Technology)
- Configuration Mgmt. & Data Mgmt. – CMDM (Victory Solutions)
- NASA Integrated Technical Standards System (ITSS) (IHS, Inc)
- Engineering Solutions & Prototyping (ESP) (Teledyne, Wyle & Radiance)
- Specialized Data Analysis and Enhanced Diagnostic System Dev (OSCorp)
- System and S/W Analysis (Cepeda)
- SBIR Phase Ills

PS22
Office Chief: Kathy Cooper
Engineering Lab Support
- Propulsion Materials Testing (SRI)
- Center’s Simplified Acquisition Threshold (SATs) Team >$150,000
- Marshall Engineering Technicians & Trades Support (METTS) (Aerie Aerospace)
- Center Interagency Agreements (Utilities, Fuels, Gases, Gate 9 Visitor Center, Fire Protective Services, Landfill/Refuse)
PS30/Institutional Support Office

**PS30**
Office Manager: Ketela Helton

**PS32**
Office Chief: Brian Speer
(120 day detail)
Ops & Business Support Office

- Center Operations Support (URS)
- Custodial & Refuse Collection (AQuate)
- Utility Control Services (Aetos)
- Grounds Maintenance (Chugach)
- All Architect & Engineering
- All Major Construction of Facilities
- Construction BPAs & IDIQs
- Inspection Services (SAIC)
- Various NIPRs
- Various Purchase Orders

**PS33**
Office Chief: Sherry Fenn
Center Ops, OHC, OCIO, Support Office

- MSFC Information Technology Services (Dynetics)
- Acquisition & Business Support (Al-Razaq)
- MSFC Logistics Support Services (CH2M Hill)
- Environmental Engineering and Occupational Health (HPMC)
- MSFC and MAF Protective Services (Excalibur Corporation)
- Center Administrative Support Services (Hanks, Hanks & Associates)
- Office of Human Capital Support Services (Aetos)
- Office of Diversity & Equal Opportunity
- All Environmental Services
PS40/Space Transportation Support Office

PS40
Office Manager: Kellie Craig

• SACOM (S3)
• MAF Support (Jacobs Engineering)

PS41
Office Chief: Rhoney Triplett
Solid Propulsion Support Office

• SLS Booster (Orbital ATK)
• Spacecraft Payload Integration Office Support (Various)
• SLS Stages (ESP Competition) – Pathfinder (Radiance)

PS42
Office Chief: Tyler Cochran
Liquid Propulsion Support Office

• RS25 Engines (Aerojet Rocketdyne)
• RL10 Engines (Aerojet-Rocketdyne)
• J-2X Engine (Aerojet Rocketdyne)
• Spacecraft Payload Integration Office Support (Various) +
• Launch Vehicle Stage Adapter (TBE)

PS43
Team Lead: Mark York
Cryogenics Support Office

• SLS Stages (Boeing Co.)
• Integrated Cryogenic Propulsion Stage (Boeing Co.)

SPIO Contractors: ULA, Orbital ATK, Exquadrum, NGC, LM
SPIO Grantees: Auburn, LSU, MIT, Mississippi State (2), Penn State, University (Unv) of Florida, Unv Of Maryland Unv of Michigan, Unv. of Utah
PS50/Science & Space Systems Support Office

PS50
Office Manager: Melinda Swenson

PS51
Office Chief: Jennifer McCaghren
Science Support office (SMD/STMD/HEO)

- Chandra (SAO)
- HINODE (SAO/LM/NRL)
- Artic Collaborative Environment (ACE)
- Planetary Missions Program
- Earth Science/Space Science/Optics Research
- SERVIR
- Technology Demonstration Missions
- Lightning Imaging Sensor

PS52
Office Chief: Belinda Triplett
Systems Support Office (SOMD/SMD/HEO/OSAC/S&MA/)

- ECLSS Spares (KollMorgen)
- MSRR/MSG/ISERV/LSG (TBE)
- Joint Army-Navy-NASA-Air Force (JHU/CADRE)
- S&MA Support (Bastion Technologies)
- Strategic Analysis & Communications (ASRC Federal/ASI)
- Marshall Integrated Program Support Subject Matter Experts (MTS)
- Cost Estimating/Analysis (Victory Solutions)
- Project Coordination (MTS)
- Program Planning/Control (MTS)
- Mission Operations and Integration (TBE)
- Huntsville Operations Support Center (COLSA)
- Dual Use Technology Development CAN
- ABEDRR (Dynetics)
New Procurement Source Selection Office

- Source Selection Office Manager (Announcement Open)
- Established a Recorder Pool (4 WYEs)
  - Now supporting multiple active PDTs/SEBs
- Dedicated Procurement SEB/C Advisor Support
Scheduling Process and SharePoint Portal

- Established a scheduling process using Microsoft Project
  - Master Schedule (2-year look ahead)
  - Conflict Schedule (detailed milestone cross-reference between acquisitions to identify potential conflicts)
  - Individual Acquisitions (detailed, logic-driven schedules)

- PSSO SharePoint portal
  - Promotes collaborative work environment
  - Becoming a standard tool for many other applications at MSFC
  - Serves as a repository of standardized templates for Board use
  - Acquisition announcements (specific to acquisition)
  - Training
  - Guidance
  - Lessons Learned
Procurement

Business Services Assessment (BSA)
BSA Process

• Given the evolving nature of NASA’s mission support needs, NASA established the Business Services Assessment (BSA).
  – a disciplined approach to strategically perform an assessment of business and mission support services, looking at the current health of the service as well as opportunities for optimization.

• Based on preliminary assessment, Procurement deep dive areas were down selected to the following: NASA Procurement, Workforce, Governance and Policy, Procurement Efficiency Initiatives, and Benchmarking and Compliance.

• BSA Procurement Core Team, consisting of NASA Procurement subject matter experts (SMEs) and customers, was established.

• Data call and follow-up interviews were conducted with NASA Centers and Mission Directorates.

• Core Team conducted detailed assessment over four month period and reported findings and observations to the Business Services Steering Committee (BSSC) and the Agency Procurement Officer.

• Based on findings, as well as feedback from Centers and Mission Directorates, BSSC presented recommendations to Mission Support Council (MSC).

• Implementation is still in work.
Optimizing Volume

Optimizing Volume options reduce volume of activities, including the number of contracts, tasks, and activities, and the corresponding work being performed with these activities.

<table>
<thead>
<tr>
<th>Optimize Volume</th>
<th>Strategic Sourcing</th>
<th>Acquisition Assignments</th>
<th>Contract Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Options to evaluate existing contracts and determine if a new contract vehicle</td>
<td>• Options for strategic assignments of acquisitions consistent with new</td>
<td>• Options to streamline management of existing contracts and procurements.</td>
</tr>
<tr>
<td></td>
<td>is needed or not.</td>
<td>Agency operating model.</td>
<td></td>
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16
Optimizing Time

Optimizing Time options reduce the lead-times in the process, enable consistent policy and guidance to ensure more efficient practices for NASA.

- Evaluation Process
  - Options to strengthen leadership and expertise associated with SEBs.

- Policy and Guidance
  - Options to make streamlined procurements a default approach with strong justification for full up SEBs with standard metrics.
Optimizing Leadership

Leadership options strengthen knowledge management, ensure effective project management systems, and enable strong leadership and accountability.

- Knowledge Management: Options to enable comprehensive training and effective knowledge capture and sharing.
- Project Management: Options to integrate project management principles into acquisition practices to include effective measures, schedules, and milestones.
- Leadership: Options to further strengthen leadership and accountability activities associated with acquisition practices.