

The background of the slide is a deep space scene. It features a dark blue and black sky filled with numerous bright stars of varying colors, including white, yellow, and blue. A prominent, glowing blue nebula or star-forming region is visible in the upper left quadrant. On the right side, a large, reddish-brown planet, likely Mars, is partially visible, showing its textured surface and a bright horizon glow. In the center, a smaller, hazy, reddish planet is visible. The overall composition is a rich, multi-colored cosmic landscape.

NASA / MARSHALL SMALL BUSINESS ALLIANCE MEETING

Steve Miley
Director, Office of Procurement

February 18, 2016



Office of Procurement Acquisition Forecast



MSFC Acquisition Forecast

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



MSFC Acquisition Forecast (Cont'd)

POP EXPIRES	INCUMBENT	CONTRACT	TITLE	POTENTIAL VALUE	PREVIOUS COMPETITION/ NAICS	PROJECTED RFP RELEASE
06/03/2017	GMC-Merrick JV	NNM12AA49C	Architect/Engineer Services for Misc. Studies & Design Tasks	\$10M	Full & Open 541330	December 2016
07/31/2017	Jacobs	NNM12AA41C	Engineering & Science Services & Skills Augmentation	\$639M	Full & Open 541712	January 2017
09/30/2017	Analytical Services	NNM12AA53C	Office of Strategic Analysis & Communications Support Services	\$52M	GSA SB Reserve 541712	March 2017
2/28/2018	Teledyne Brown Engineering	NNM13AA29C	Mission Operations and Integration	\$133M	Full and Open	August 2017



Office of Procurement Staffing and Organization

MSFC Procurement Organization



- Policy & Related Functions
- Data Systems Management
- Contract Review
- Purchase Card Coordination
- Unsolicited Proposal Coordination
- Training
- NASA Acquisition Internet Service (NAIS)
- SAP/CMM/NSSC Support
- CFO Liaison
- Audits

PS01/Office of Procurement
Steven Miley, Director
David Iosco, Deputy Dir.

PS10/Harry Craig
Policy & Information
Mgmt. Office

Staff Functions
Small Business
David Brock

PS20/James Bailey
Engineering
Support Office

PS30/Ketela Helton
Institutional
Support Office

PS40/Kellie Craig
Space Transportation
Support Office

PS50/Melinda Swenson
Science & Space
Systems Support Office

PS60/David Iosco
(acting)
Source Selection Office

- Engineering Directorate
 - Advanced Concepts Office
 - Chief Engineers Office
 - Space Systems Dept.
 - Spacecraft & Vehicle Systems Dept
 - Propulsion Systems Dept
 - Mission Operations Lab
 - Materials & Processes Lab
 - Test Laboratory
 - Spacecraft and Vehicle Systems
- Center for SAT Awards >\$150,000

- Equal Employment Office
- Human Capital
 - Center Admin Support Services
 - Office of Human Capital
- Chief Information Office
 - Marshall Information Tec Services
- Chief Financial Office/Procurement
 - Acquisition Business Support Service
- Center Operations
 - Facilities Operations Mgt
 - Logistics
 - Security
 - Construction
 - A&E
 - Environmental
 - Grounds Maintenance
 - Custodial
 - Utility Controls

- Michoud Assembly Facility
- Space Launch Systems
 - Boosters
 - Engines
 - Stages – Core & Exploration Upper Stage
 - Spacecraft/Payload Integration and Evolution (SPIE)
 - Advanced Development
 - Launch Vehicle Stage Adapter
 - Integrated Cryogenic
 - Stage
 - Upper Stage Adapter

- Flight Programs & Partnerships Office
 - Program Planning & Control Office
 - ISS Payload Operations Cost Account Mgt Office
 - ISS Office
 - Planetary Missions Program Office
 - Exploration & Space Trans Dev Office
 - Partnerships Office
 - Tech Demonstration Missions Office
- Science & Technology Office
 - Science Research Office
 - Science & Tech Project Office
 - Tech Dev & Transfer Office
- Safety & Mission Assurance Directorate
- Office of Strategic Analysis & Communications

- Pricing
- Recorder Pool
- SEB Facility Mgt.
- PEB Coordination
- Scheduling
- Advisor Support

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 IIIs

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 (Dynerics)
- 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 (Dynerics)



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.

Optimize Volume	Strategic Sourcing	<ul style="list-style-type: none">Options to evaluate existing contracts and determine if a new contract vehicle is needed or not.
	Acquisition Assignments	<ul style="list-style-type: none">Options for strategic assignments of acquisitions consistent with new Agency operating model.
	Contract Administration	<ul style="list-style-type: none">Options to streamline management of existing contracts and procurements.



Optimizing Time

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

Optimize
Time

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.

Leadership

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.