



TOOLEY
COMMUNITY DEVELOPMENT GROUP

Malcolm D. Boston

Board Member

Education

M.S. Biomedical Engineering
The Ohio State University, 2004

B.S. Mechanical Engineering
Tennessee State University, 2001

Construction-Applicable Competencies/Experience

- Complex Project Management/Coordination/Systems Engineering
- Operations Management & Leadership
- Requirements Definition and Authoring
- Contractor Oversight & Performance Evaluation
- Risk Identification and Management
- Residential Systems Management & Coordination (30 years)
 - Complex "to-the-studs" renovation
 - Equipment Selection
 - Design for Maintainability
 - Roofing and Leak Mitigation
 - Plumbing – (pressurized and unpressurized, fuel gas)
 - Electrical – load analysis, wiring plans, repair, and re-wire
 - HVAC Equipment replacement oversight
 - Other – Auxiliary building construction, fencing

Current Employer: NASA Kennedy Space Center (16 Years)

Function: Aerospace Engineer

Contracting Officer's Representative – NASA Launch Services (NLS-II) IDIQ Contract (\$15B Maximum Contract Value) – (United Launch Services, Space Exploration Technologies, Blue Origin).

Subject Matter Expert, Technical Liaison and Point of Contact for Contractual and Budgetary Matters relating to LSP Flight Projects.

Responsibilities include applying Technical Expertise on the Northrup-Grumman, ULS, Blue Origin and SpaceX Product Lines to ensure Contractual and Budgetary terms and conditions meet or exceed Requirements of the Launch Service; and leveraging knowledge of ULS and SpaceX contracts and technologies in cooperative strategies with other US Government Agencies (i.e. National Security Space Launch Program).

Responsibilities:

- Brief Senior Leadership on contractual and technical developments affecting contractor performance.
- Develop and present decision packages and contract status at monthly reviews and high-visibility events.
- Provide guidance on technical requirements and contract issues during the task order period.
- Oversee and approve contractor performance and work products.
- Analyze impacts of configuration management and project control changes on the launch service.
- Write and manage Statements of Work (SOW) for contract modifications and special studies.
- Offer technical and business insight to the Contracting Officer on performance issues.
- Support the Launch Service Task Order Process and acquisition planning.
- Conduct financial and technical analyses to ensure contract terms meet NASA's interests.
- Perform technical evaluations of contractor proposals and coordinate team activities to verify performance.
- Assist with contract negotiations, audits, and surveillance approaches.
- Mentor division personnel and provide guidance on resolving complex issues with partners.

Key Accomplishments:

- Led the upgrade of the LSP CPARS Process, improving timeliness of annual evaluations and receiving HQ recognition.
- Managed the project for a centralized archive of Technical Evaluation Reports, reducing response time for contractor proposal evaluations and enhancing capacity for new work.

Other Activities/Competencies

- Professional Photography/Videography
- Automotive Repair and Maintenance
- Light cargo Transportation
- Former Trustee Board Member, St. James AME Church, Titusville
- Cooking
- Bowling
- Eagle Scout, 1995

Malcolm Boston brings extensive technical and leadership experience in engineering, operations, budget forecasting, contract management, and project management. He has reviewed and defended materials for the annual Planning, Programming, Budgeting, and Execution (PPBE) process, providing cost forecasts for complex missions on various launch vehicles. He has led and negotiated high-value (eight-figure) contract modifications for launch delays, nuclear launch approvals, radiological contingency planning, and risk mitigation.

Malcolm excels in developing and leveraging relationships with programmatic and contractual entities outside LSP and has led interdisciplinary teams of engineers, procurement personnel, and resource analysts to resolve complex technical and contractual issues. He has brokered operations and launch processing agreements, benefiting NASA and the Launch Services Program, including the successful launch of the Nuclear Mars 2020 (Perseverance Rover).

His strong public speaking skills allow him to effectively brief and defend decision packages to senior leaders and engage in public outreach at local, underserved schools. His writing skills have been demonstrated through leading LSP's CPARS team and writing contractor performance evaluation reports for major launch service contractors.

Outside of work, Malcolm has contributed to diversity and inclusion as Chair of the Black Employee Strategy Team (BEST) from 2015-17, focusing on recruitment, retention, engagement, and leadership development of African American employees at KSC. He also undertakes complex DIY construction projects, such as a weatherproof, anechoic emergency generator container.