

FAA Office of NextGen (ANG)

SETIS Systems Engineering and Technical Innovative Solutions
INNOVATION STARTS HERE

WJHTC Small Business Vendor Day

January 24, 2024

Agenda

- SETIS Overview
 - Fast Facts
 - Benefits
 - What's New on SETIS
 - Post-Award Support
- SETIS Scope
- Engagement Process
 - SETIS Website
 - Award Approach
 - Task Order Competitions
- Points of Contact

SETIS Overview

- Systems Engineering and Technical Innovative Solutions (SETIS) is a new contract portfolio awarded as a 10-year indefinite delivery/ indefinite quantity (IDIQ) contract to 10 small and 5 large business prime multi-vendor teams with a shared ceiling value of approximately \$2.3 billion
- SETIS is one of the largest contract portfolios the FAA has ever awarded and replaces and consolidates the SE2020 and SE2025 contracts
- SETIS provides a broad range of research, service analysis, strategic planning, systems engineering, technical, financial and programmatic support services to support NAS, Mission Support systems, and other related aviation mission objectives
- SETIS is open to NextGEN and is an FAA-wide contract vehicle
- The SETIS contracts were awarded with a period of performance from July 1, 2022 to June 30, 2032 to 15 Prime vendors, teaming with over 250 subcontractors
- Additional subcontracting opportunities exist under SETIS, based on a negotiated relationship with an existing prime

SETIS Fast Facts

Prime Awardees	<u>Small Business</u>	<u>Large Business</u>
	<ul style="list-style-type: none"> • A3 Technology • Advanced Sciences and Technologies (AS&T) • ATAC Corporation • Cavan Solutions • Concept Solutions • Crown Consulting • Enroute Computer Solutions • JMA Solutions • Mosaic ATM • Veracity Engineering 	<ul style="list-style-type: none"> • Booz Allen Hamilton • LS Technologies • Noblis • Oasis Systems • SAIC
		Denotes new Prime
Total No. of Contract Awardees	279 (includes primes and subcontractors)	
No. of Task Orders Awarded to Date	60	
Value of Awards to Date	\$648 million	
Total Award Baseline	\$2.3 billion	
Period of Performance	10 yrs (3 year Base period with a 3 year option period and two 2 year option periods)	
Standard Terms	Time & Materials, task order, term contract with allowance for cost plus - fixed fee, firm fixed-price, labor, cost-plus award fee components	

SETIS Benefits

- No Fee for using the SETIS portfolio
- SETIS Program Office (PO) provides certified CORs to manage TO administration, enabling our Customers to focus on task objectives
- Access to top industry talent with both AC and DC based vendors and other locations
- Pre-qualified, integrated and experienced multi-vendor teams
- Provides comprehensive System/AMS Lifecycle breadth of support services from initiation to implementation
- Streamlined competition process expedites task order awards
- Competitive pricing providing Best Value for the Government
- Engagement Advisors assigned to support development of PWS, IGCE and CIO IT Procurement Review and Approval form
- Contractual Advisors assigned to provide support during Technical Evaluation
- Pre-award SCRB review replaced with post-award Quarterly CFO review
- ASRB process conducted by the Contracting Office for requirements above \$10M

What's New on SETIS

- Enhanced vendor capabilities
 - Trajectory Based Operations (TBO)
 - Aviation Safety and Certification
 - Aerospace Medical
 - Environmental Analysis
 - Cloud Computing
 - Data Analytics
 - Intelligent Automation and Artificial Intelligence (IAAI)/Machine Learning Systems
- Expanded Tasking Requirements
 - Innovation Support Services
 - Technical, Engineering, and Scientific Support
 - Aircraft Certification
- Combined Research & Mission Analysis and Systems Engineering into a single contract vehicle
- All TO awards are made thru Best-Value Competitions
- Bidder protests allowed for requirements above \$25 million
- Increased the vendor proposal submission timeline to 3 weeks
- Providing a SETIS Forecast for vendor planning purposes

Post-Award Support

- Dedicated COR provides post-award support
 - Proactive TO Administration
 - Maintaining Financial Records
 - Invoice Acceptance
- Monthly contract status reports provided to customers
- Quarterly Program Management Reviews
- TO Performance Management with PBCM and CPARS (above \$2M)
- SharePoint Deliverables Tool formalizes review and acceptance of contract deliverables
- Acquisition planning and forecasting
- Customer satisfaction and feedback

SETIS is a Performance Based Contract Vehicle

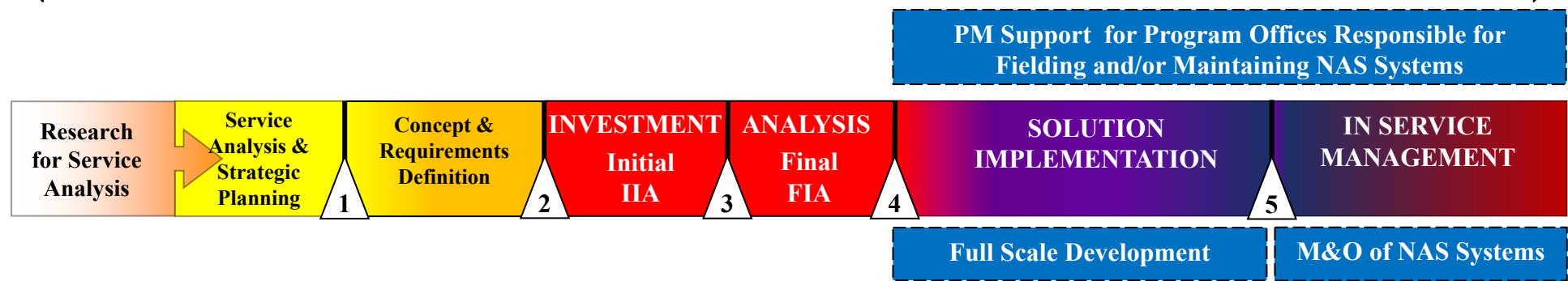
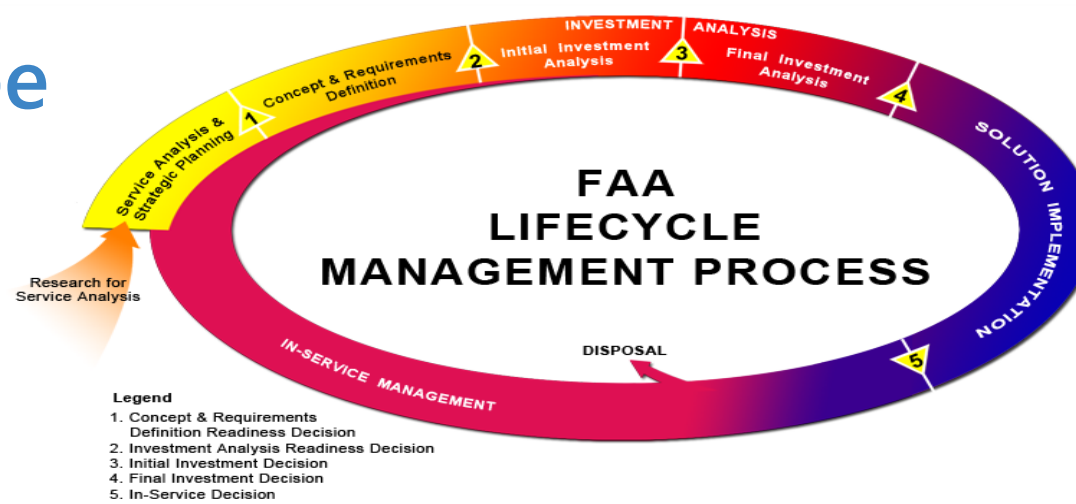
- All Task Orders operate under Performance Based Contracting principles
- Task Order requirements are defined in a Performance Work Statement (PWS)
- Each PWS includes a Quality Assurance Surveillance Plan (QASP)
- TCs are required to evaluate vendor performance on a quarterly basis using an information tool keyed to the QASP
- Vendor performance issues are directed to COR and CO for resolution

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The Future of the NAS
Starts Here

SETIS Scope

SETIS Scope



SETIS Scope*** = AMS Lifecycle – Full Scale Development – Maintenance & Operations of NAS Systems – Program Management Support for Program Offices responsible for fielding and/or maintaining NAS Systems

**Note SETIS also includes support for activities outside the scope of the AMS Lifecycle for NAS, Mission Support, and Aviation Related Activities*

***SETIS is not limited to the NextGEN organization*

SETIS Tasking Requirements

- Tasking Requirements

- System Engineering Management
- Innovation Support Services
- System Requirements and Definition
- Analysis, Design, and Integration
- Value Engineering
- Supportability, Maintainability, and Reliability Engineering
- Quality Assurance and Quality Control Program
- Configuration Management
- NAS and Mission Support Information Security (INFOSEC) Support
- Technical, Engineering, and Scientific Support
- System Safety Engineering and Management
- Other System Engineering Specialties
- NAS and Mission Support Enterprise Architecture Support
- Technology Opportunities Support
- Test Resources
- Lab Facilities
- Investment Portfolio Management
- Lifecycle, Earned Investment and Business Case Analyses
- Forecasting and Strategy Development
- Business Planning
- Performance Analysis
- NAS Modernization Information Technology (IT) Support
- Policy Studies
- Program Planning and Financial Management
- Program Management Support
- Program Management System Tools
- Information Systems Development and Maintenance
- Training
- Business Process Re-engineering (BPR)
- Aircraft Certification
- Software Engineering
- Verification & Validation (V&V) Program
- Horizon Scanning, Technology Scouting, and Market Analysis
- Demand for National Airspace System (NAS) Services Support
- Identified Projected Supply of Services
- Mission Needs Analysis & Assessment Support
- Future NAS Research & Development Portfolio Optimization

SETIS Core and Additional Capabilities

- Core Capabilities

- Avionics Systems
- Commercial Space
- Cybersecurity
- Enterprise Architecture Products & Enterprise Services
- Integrated Laboratories & Operations

- Additional Capabilities

- Air Traffic Rules and Procedures
- Airspace Design and Analysis
- Cost Benefit Analysis
- Modeling and Simulation
- Human Factors
- Human-in-the-Loop Simulations
- Information Technology
- Investment Analysis
- NAS Air Traffic Facilities
- Information Management Services (IMS)
- Operational Concept Development and Validation
- Aerospace Medical
- Program Planning and Financial Analysis
- Security
- Service-Oriented Architecture
- Standards Development
- NAS System Safety
- Weather
- Environmental Analysis
- Systems Engineering & Integration
- William J. Hughes Technical Center (WJHTC) Laboratory Operations

- Trajectory Based Operations (TBO)
- Unmanned Aircraft Systems (UAS)
- Air Traffic Management (ATM) Automation
- Communications, Navigation, and Surveillance (CNS)

- Airplane Modernization and Manufacturing (Large – 14 CFR Part 25 and other applicable Parts) Support Services*
- Airplane Modernization and Manufacturing (Small - 14 CFR Part 23 and other applicable Parts) Support Services*
- Large Scale Demonstrations*
- Rotorcraft Modernization and Manufacturing (Large – 14 CFR Part 29 and other applicable Parts) Support Services*
- Rotorcraft Modernization and Manufacturing (Small – 14 CFR Part 27 and other applicable Parts) Support Services*
- Simulators, Airplane (Large – 14 CFR Part 25 and other applicable Parts) Support Services*
- Simulators, Airplane (Large – 14 CFR Part 25 – Level C and D Fidelity and other applicable Parts) Support Services*
- Simulators, Rotorcraft (Large – 14 CFR Part 29 – Level C and D Fidelity and other applicable Parts) Support Services*
- System of Systems (SoS) Integration*
- Aviation Safety and Certification
- Performance-Based-Navigation (PBN)
- Cloud Computing
- Data Analytics (DA)
- Intelligent Automation and Artificial Intelligence (IAAI)/Machine Learning Systems



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The Future of the NAS
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Engagement Process

SETIS Website

The screenshot shows a web browser displaying the SETIS page on the FAA website. The URL in the address bar is https://www.faa.gov/about/office_org/headquarters_offices/ang/contracts/setis. The page features the Federal Aviation Administration logo and navigation menus. The main content area is titled "Systems Engineering and Technical Innovative Solutions (SETIS) Contracts" and includes a sidebar with links to various sections. The "Our Approach" link is highlighted with a blue arrow. The main text explains what SETIS is and how it can help, supported by bullet points.

Home / About FAA / Offices / Office of NextGen / Contracts

SETIS Contracts

How to Get Started

Message from the Program Manager

Program Overview

Scope of Contracts

Benefits

Our Approach >

Awards to Date

Contractor Teams

Tools and Reference Documents

Contacts

Systems Engineering and Technical Innovative Solutions (SETIS) Contracts

What is SETIS?

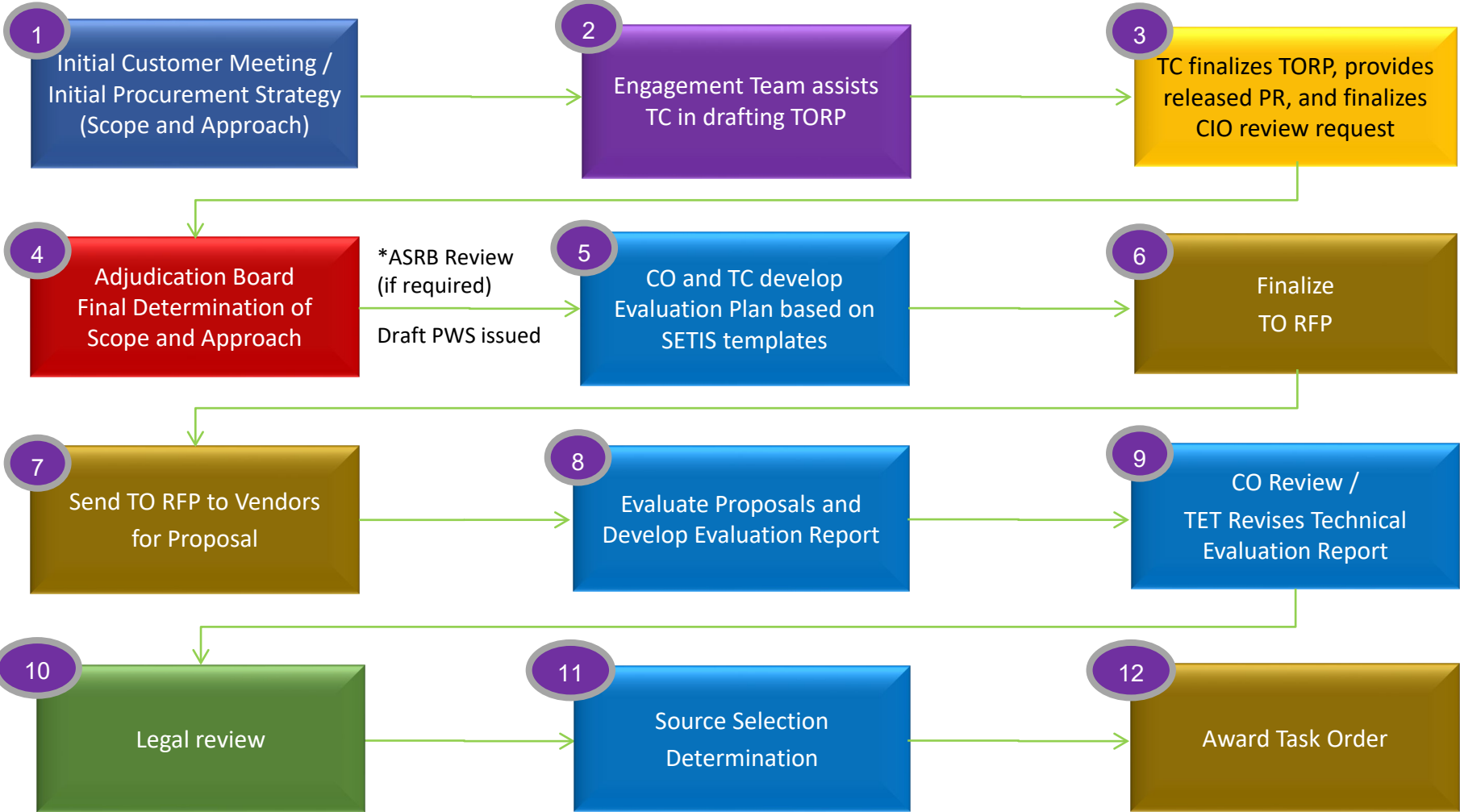
- SETIS is the follow-on vehicle to the [SE2020 and SE2025 contracts](#), which provides a broad range of research, service analysis, strategic planning, systems engineering, technical, financial, and programmatic support services, and other aviation related support services, that will enable the FAA to accomplish its NAS modernization, Mission Support, and other aviation related mission objectives.
- SETIS is an IDIQ-based contract portfolio which issues work to multi-vendor teams via Task Orders with a Performance Work Statement. Task Orders are typically multi-year (base + one year options) and are funded by any combination of Ops, F&E or RE&D. Multiple funding types on one Task Order is supported.
- SETIS portfolio includes both Large Business and Small Business vendors.

How can SETIS help you?

- Supports all FAA lines of business and staff office's current and future technical needs of NAS modernization, Mission Support, and other aviation related mission objectives.
- Provides access to trusted and readily available vendor teams vetted with a proven record of excellent performance capable of delivering the full suite of NAS-related capabilities.
- Fosters small business's ability to provide specialized technical skills.
- Offers multiple contract types with performance based solutions.

Web Site address: <http://www.faa.gov/go/SETIS>

Engagement Process - Competition



- TC, Contracts, Tech Lead, Engagement
- TC
- TC / Engagement Team
- Adjudication Board
- TC and Contracts
- Contracts
- Legal

Task Order Competition Milestone Schedule

The following Milestone Schedule is an estimate based on prior actual awards and is contingent upon completion of previous milestones by the Projected Date.

Milestone	Projected Date	Workdays	Responsibility
Finalized PWS & IGCE, Released PR and CIO IT Procurement form submitted	2/8/24		TC*
Adjudication Meeting**	2/15/24	5	SETIS PMO, CO & TC
ASRB Approval (\$10M and above)***	3/7/24	15	CO
Prepare TO RFP	3/14/24	5	CO
TO RFP Approval	3/21/24	5	CO
Release TO RFP	3/28/24	5	CO
Proposals Submitted	4/18/24	15	Vendors
Individual Tech Eval Completed	4/25/24	5	TC & Evaluators
Technical Consensus Completed	5/2/24	5	TC & Evaluators
Technical Report Completed	5/9/24	5	TC & Evaluators
Cost Evaluation Completed	5/2/24	10 from Proposal	CO
CO Review and Revise Technical Report	5/23/24	10	CO & Evaluators
Legal Review	6/13/24	15	Legal
Address Comments and Finalize Report	6/27/24	10	CO & Evaluators
SSO Meeting	7/11/24	10	CO & TC
CO Preparation for Award	7/20/24	7	CO
Projected TO Award Date	7/20/24	0	CO

19 - 22 weeks

PMO & TC*

CO & TC

Work Days from ASRB Approval/Adjudication to Award: 97 to 112** (Approx. 19 to 22** weeks)

*Note the TC is supported by the SETIS Engagement Team to complete these items

**Note for TORPs not requiring ASRB, the TO Award timeframe is 19 weeks (97 workdays) from Adjudication to Award

***Requirements above \$25M will require approximately 32 weeks to award after the ASRB meeting for additional CO and Legal review and documentation (not including potential risk or vendor protest)

Task Order Award Approach

- CO determines acquisition strategy for each TO on a case-by-case basis
- Competitive Award is the preferred acquisition strategy
- Provides Best Value to the Government
- Solicitations distributed to all vendors (either as a Small Business competition or as a Full and Open competition for both Small and Large Business vendors)
- Plan for TO Start Date one week after TO award
- Once source selection determined, no protest recourse for TOs below \$25M

Task Order Competitions

- Enables customers to review multiple proposals and determine best technical approach
- Evaluation plan templates and examples speed award process
 - Customer identifies the Technical Evaluation Team
 - Technical Approach is typically ~10 pages in length plus resumes
 - Staffing Plan and requested resumes
 - Technical Evaluation Team typically consists of 3 FAA employees with additional advisors as needed
 - Number of proposals typically restricted to one for each prime vendor

Program Office Contacts

- SETIS Program Office [Technical Services Contract Branch (ANG-A16)]
 - **Victoria Frazier** – Branch Manager, Technical Service Contracts Branch and SETIS PM
 - **Samir Bannout** – SETIS Pre-Award and Technical Lead
 - **Jacqueline Williams** – Manager, HQ Section
 - **Tim Fitzick** – Manager, Tech Center Section
 - **Roshanda Busby** –BAH COR
 - **Tameka Bentley** – Noblis and Veracity COR
 - **Denita Fairley-Allen** – Crown Consulting, JMA Solutions, Oasis, and Veracity COR
 - **Frances Jackson-Thompson** – Cavan Solutions and SAIC COR
 - **Genevieve Jones** – A3 Technology and Mosaic ATM COR
 - **Lori McLaughlin** – ECS, Concept Solutions, and LS Technologies COR
 - **Jessica Young** – AS&T and ATAC COR and Pre-Award Technical Representative

Note contact information may be found on the SETIS website at:
<https://www.faa.gov/go/SETIS>