



NAWCAD FY23 Industry Day

Systems Acquisition Group (SAG)

Presented to: Industry Partners
Presented by: Systems Acquisition Group
Date: 12 October 2022



Systems Acquisition Group North Star

Mission: The Systems Acquisition Group (SAG) provides capabilities, products and personnel, with the knowledge and expertise, to meet the full spectrum of science and technology development, systems acquisition, and sustainment of all naval aviation aircraft, weapons, and support systems maximizing sponsor satisfaction and outcomes with an affordable, agile, diverse, collaborative workforce

Vision: To be the capability provider of choice to our sponsors, integrating products and functional expertise in support of Naval aviation while achieving Commander's Intent

SAG support is provided to program offices, Integrated Program Teams (IPTs), externally directed teams and enterprise teams in the areas of:

SYSTEMS
ENGINEERING

HUMAN SYSTEMS
ENGINEERING

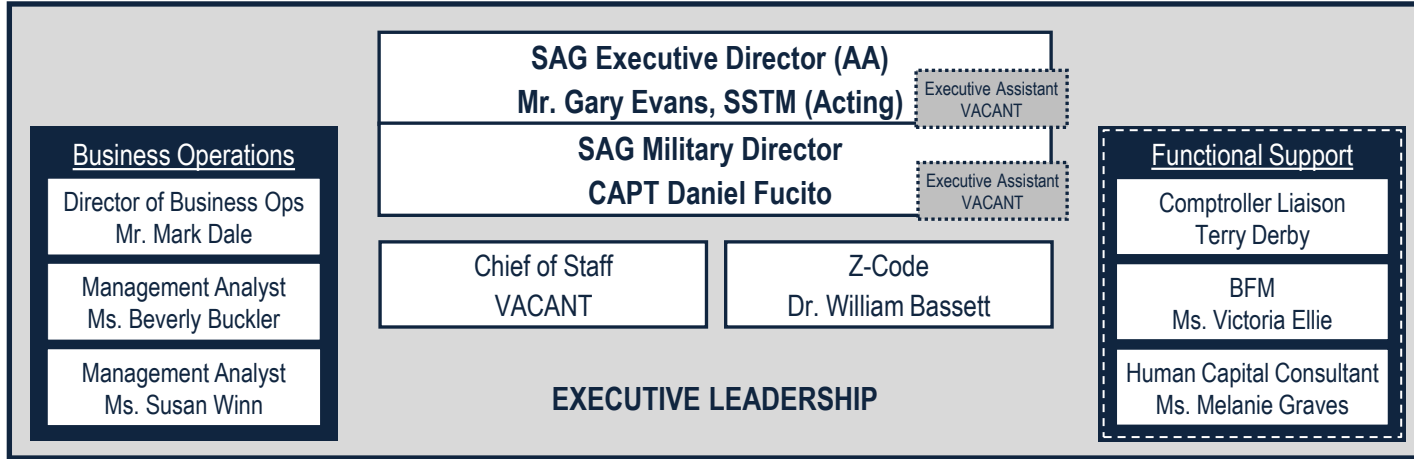
LOGISTICS
INTEGRATION

COST & SCHEDULE
ANALYSIS

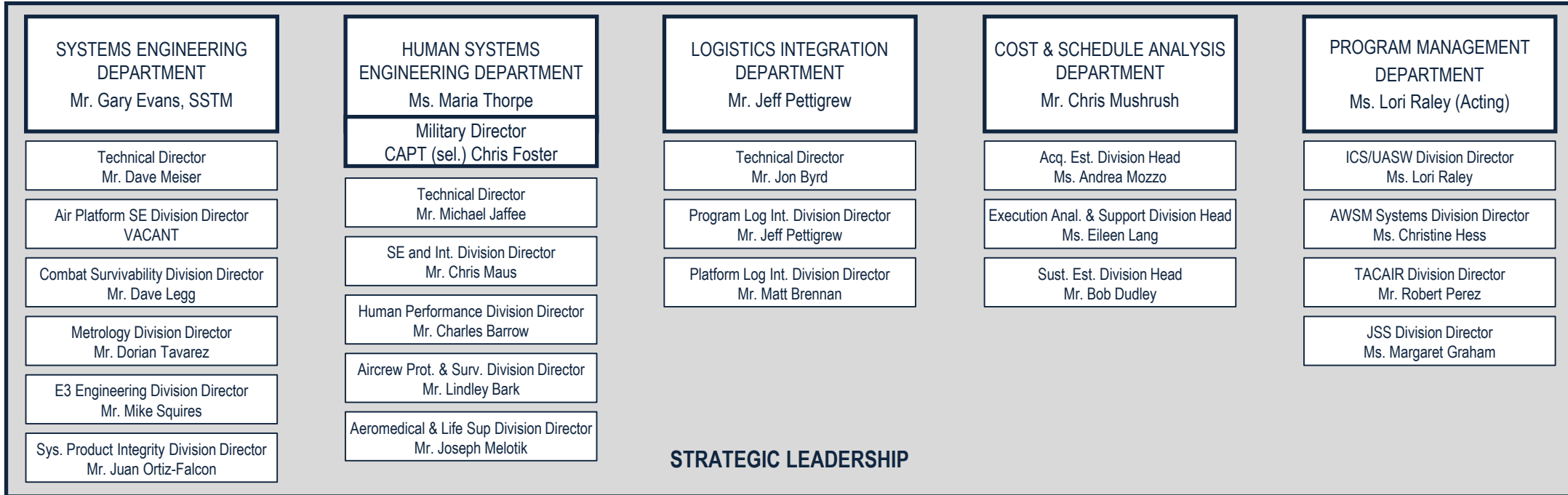
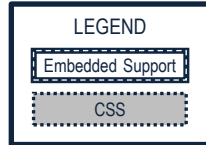
PROGRAM
MANAGEMENT



SAG Organizational Chart



Integral team member and capability provider to all PEOs and PMAs, JSF JPO, NAWCAD AIRWorks, DoD programs





SAG Primary Functions & Products



- **Systems Engineering Department (AA1):**

Integrates people, technologies, tools, labs, technical domain best practices and technical leadership to ensure the warfighter receives systems with a high level of product integrity that are effective in real-world operational environments to achieve the desired warfighting effect



- **Human Systems Engineering Department (AA2):**

Provides world-class expertise, laboratories, facilities, resources, products, and services to optimize human performance, protection, and survivability within the totality of the military weapon system



- **Logistics Integration Department (AA3):**

Provides the expertise to integrate and deliver product support packages that achieve Fleet Operational Readiness and Sustainment goals



- **Cost and Schedule Analysis Department (AA4):**

Provides Naval Aviation with full program life cycle cost, schedule and analytical support



- **Program Management Department (AA5):**

Provides resources for execution of life-cycle program management of major platforms, weapons systems, sub-systems, support systems and training systems

Top Priority: Delivering Quality Products and Services to the Fleet



SAG Contracting Opportunities



- **Systems Engineering Department (SED):**

- Competitive Follow-On for N00421-18-D-0015, N00421-18-D-0016, and N00421-18-D-0017

The SED requires systems engineering support of weapons systems on various platforms managed by Integrated Product Teams (IPT's) and organized by Program Management Air (PMA's) at NAVAIR. Systems engineering management and technical functions to be performed under this contract are in the following technical domain areas: Air Platform System Engineering, Aviation/Ship Integration, Systems Safety, Air Platform Stores Integration, Mass Properties, Aircraft & Weapons Combat Survivability, Aerospace and Combat Survivability Technology Research & Development, Metrology, and Manufacturing & Quality. We require support in technical research and development of technologies, analysis, and documentation as part of the acquisition of Aircraft, Weapon and Integrated Systems and the evaluation of their technical performance, mission suitability and associated acquisition risks throughout the full acquisition process and life cycle of a program.

Pop	Notional Value	Projected Acquisition Strategy	Approved Acquisition Strategy	Projected Draft RFP Release	Projected Final RFP Release	Projected Contract Award	PSC/NAICS	Socio-Economic Set Aside or Designation
5 YRS	>\$350M	SA IDIQ	TBD	FY23 QTR1	FY23 QTR2	FY23 QTR4	AC14/541715	Small Business Set Aside



SAG Contracting Opportunities



- **Human Systems Engineering Department (HSED):**

- Competitive Follow-On (N00421-19-D-0042)

Requirement for contractor services in support of the NAWCAD Human Systems Engineering Department at Patuxent River, Maryland. Human Systems Engineering and Technical Support includes, but is not limited to, performance of the systems analysis, functional allocations, synthesis, and evaluation efforts necessary to transform an operational need into an effective, affordable, and operable system. Assist with support for efficient and effective coordination and response to all Human Systems tasking with timely response to each request. Assist in monitoring schedules, cost, program progression and program status for the Human Systems Task Sponsors.

Pop	Notional Value	Projected Acquisition Strategy	Approved Acquisition Strategy	Projected Draft RFP Release	Projected Final RFP Release	Projected Contract Award	PSC/NAICS	Socio-Economic Set Aside or Designation
5 YRS	\$50M-\$100M	Seaport	TBD	FY23 QTR1	FY23 QTR1	FY23 QTR3	R425/ 541330	Small Business Set Aside



SAG Contracting Opportunities



- **Cost & Schedule Analysis Department (C&SA):**

- Competitive Follow-On N00421-19-D-0075

Seeking cost estimating and analyses services in support of the Naval Aviation Enterprise. Support encompasses RDT&E, Production, Sustainment and Modification efforts for naval aviation products to include (but not limited to): Aircraft; Aircraft Subsystems and Components; Missiles; Unmanned Aerial Vehicles (UAVs); Ordnance/Bombs; and, systems support-related items. Examples of cost estimating and analysis products to be provided include (but are not limited to): Life Cycle Cost Estimates (LCCEs); Independent Government Cost Estimates (IGCEs); Business Case Analyses (BCAs); Case Studies; and, Cost Risk Analyses. Support is estimated at approximately 30 FTEs.

Pop	Notional Value	Projected Acquisition Strategy	Approved Acquisition Strategy	Projected Draft RFP Release	Projected Final RFP Release	Projected Contract Award	PSC/NAICS	Socio-Economic Set Aside or Designation
5 YRS	\$10M-\$50M	Seaport	TBD	N/A	FY23 QTR2	FY24 QTR2	R425/ 541330	Small Business Set Aside



SAG Contracting Opportunities



- **Cost & Schedule Analysis Department (C&SA):**

- Competitive Follow-On N00421-19-D-0066

Seeking services to improve the acquisition program planning and execution of Naval Aviation and Joint-Service programs. Specific task areas include: Strategic Research and Analysis, Enculturation, Strategic and Operational Implementation, Supplier Analysis and Management Support, Data Management/Analytics, Integrated Project Analysis (IPA)/Earned Value Management (EVM), and Integrated Government Scheduling (IGS). The contract effort is approximately 60+ FTEs annually with the majority of the FTEs allocated to providing IGS support to naval aviation programs/projects.

Pop	Notional Value	Projected Acquisition Strategy	Approved Acquisition Strategy	Projected Draft RFP Release	Projected Final RFP Release	Projected Contract Award	PSC/NAICS	Socio-Economic Set Aside or Designation
5 YRS	\$50M-\$100M	Seaport	TBD	N/A	FY23 QTR3	FY24 QTR3	R425/ 541330	TBD