



GLOBAL SCIENCE & TECHNOLOGY, INC.

INSIGHT Program



NOAA Professional and Technical Services (ProTech) Satellite Domain (ProTech-Satellite) IDIQ

- Services:** System and Architecture Design and Evolution, Software Development and Testing, Hardware Maintenance and Evolution, Program Engineering Support
- Period of Performance:** July 2017 - Two (2) year base period and three (3) one-year optional periods for a total period of performance of five (5) years if all options are exercised
- Locations:** Greenbelt, Suitland, Silver Spring, and Lanham, Maryland; Fairbanks, Alaska; Wallops Island, Virginia; Boulder, Colorado; Asheville, North Carolina; Townsville, Australia; other worldwide locations

NOAA's ProTech services solution is a suite of multiple-award IDIQ contracts consisting of five domains: Satellite, Ocean, Fisheries, Weather, and Enterprise Operations. These domains provide resources in support of NOAA and its line and staff offices. Where applicable, the contracts may also be used by other bureaus within the Department of Commerce. Each domain has its own IDIQ contract with multiple awards. ProTech-Satellite will ramp up as NOAA's Sci-Tech NG contract, of which GST is a prime awardee, reaches closure.

As a prime contractor on the NOAA Sci-Tech NG \$550M multiple award IDIQ, GST has been awarded more than \$94M in task orders and manages 77 subcontractors and consultants. GST's proposed management structure for ProTech-Satellite is based on the structure we have successfully used on Sci-Tech NG: to provide clear lines of authority, effective communication across functions, and rapid decision-making.

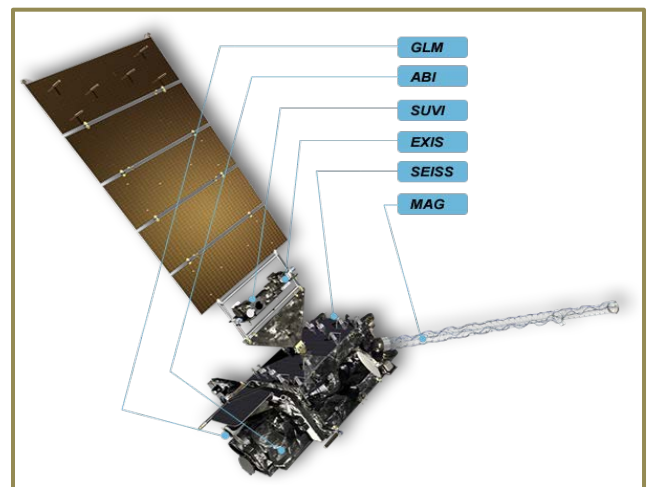
GST has assembled an outstanding ProTech-Satellite team to provide NOAA with an optimal blend of small and large businesses that combine a long history of successful performance, world-class expertise, and cutting-edge innovation from the community of NOAA support contractors and the satellite industry. Our team includes established companies—SSAI, SMRC, Ball Aerospace, ICF, and Emergent—as well as emerging companies with specialized capabilities to support future NOAA needs—TACTYON and Adarga.

Combined, our team represents a pool of over 7,000 scientists, engineers, and technicians and over 40 recruiters specialized in seeking high technology talent ready to provide comprehensive coverage of the Satellite Domain, including:

- System engineering for space and ground segment
- Spacecraft and sensor/instrument design
- Observing system design
- Science algorithm development
- Calibration/validation
- Test and evaluation
- Data product development
- Education and outreach
- Program and project management
- Application of weather, ocean, and climate data

GOES-R Satellite

GOES-R will boost the nation's weather observation network and NOAA's prediction capabilities, leading to more accurate and timely forecasts, watches, and warnings.



The services provided under the ProTech-Satellite Domain will support sites worldwide. The suite of resulting contracts for the Satellite Domain is intended to satisfy the need for professional and technical services to support the full range of satellite-related activities, including satellite missions, which NOAA manages or in which NOAA participates, and managing the environmental data that results from those missions. All companies on our team are committed to NOAA and the provision of environmental intelligence to the nation and have proven their commitment through their actions.

OUR PROTECH-SATELLITE TEAM



Science Systems and Applications, Inc. (SSAI) is a WOSDB with 35+ years supporting NOAA and performs satellite operations activities for GOES, POES (including S-NPP), DMSP, and Jason-2.



SM Resource Corporation, Inc. (SMRC) is a SDB with over 20 years supporting NOAA in environmental support services, science software development, algorithm development, climate modeling, and geographic information systems (GIS).



Ball Aerospace & Technologies Corp. (Ball Aerospace) is a large business with 30+ years supporting NOAA that performs concept studies and serves as a system integrator, a spacecraft bus provider, and an instrument provider.



ICF Incorporated, LLC (ICF) supports NOAA via the U.S. Global Change Research Program National Coordination Office and has expertise in climate science, climate assessments, and the use and usability of climate information to support decision making.



Emergent Space Technologies, Inc. (Emergent) is a SB with core competencies of systems engineering and integration; guidance, navigation, and control (GN&C); GPS/GNSS; flight dynamics; software development; and ground systems and mission operations technology development.



TACTYON, Inc. (TACTYON) brings specialized expertise in space weather; experience with NOAA in Fairmont, WV, including design, construction, and operation of the NOAA Environmental Security Computing Center (ESCC), the GOES-R Remote Backup Unit (RBU), and the NOAA JPSS CBU.



Adarga Systems, LLC (Adarga) is a minority-owned SB providing systems engineering, systems architecture, software development, tiered storage, databases, high-speed networks, and FISMA security.