

CAPABILITY STATEMENT

CAGE#: 744M1 | DUNS#: 079360844



CORE COMPETENCIES

Systems Engineering: Design, architecture, concept of operations, interfaces definitions, requirements management, verification & validation, integration & test, technical writing and trade off analysis.

Project Management Office (PMO): Project plans, tools selections, setup, and coaching.

Schedule Management: Schedule management planning, schedule development, maintenance and performance analysis.

Cost Management: Cost estimation, cost assessment, cost planning, cost analysis, earned value management system (EVMS), IBRS, audits/reviews and resources management.

Risk Management: Risk management planning, risk identification, mitigation strategies, and quantitative risk analysis.

Program Integration and Business Analytics: Joint confidence (scope-cost-schedule-risk) integration analysis and enterprise planning.

Organizational Change Management: Stakeholders analysis, as-is vs. future analysis, change management planning and strategic communication planning.

Business and Project Strategy: Market feasibility studies, business plans, operational reviews, re-engineering and strategic planning.

Training: Content development and course delivery.

Process Improvement: Business process definition, mission architecture definition, improvement plan, performance metrics and assessments.

IT Services and Engineering: Full SDLC system engineering, Enterprise Architecture, Concept of Operations development, interface definitions, requirements management, IV&V, integration & test, cybersecurity framework engineering, risk analysis and management, and trade off analysis.

Application Development: Agile development and testing with NET JAVA Cloud.

ABOUT THE COMPANY

Technology Project Managers (TPM) is a specialized consulting firm providing project management, systems engineering and organizational change management services to commercial and government organizations. Our team approach brings together the technological problem-solving savvy of engineering and the organizational, administrative, and planning abilities of program or project management in order to oversee complex enterprises from conception to completion.

TECHNOLOGY PROJECT MANAGERS (TPM)

DUNS Number: **079360844**

CAGE Code: **744M1**

Silver Spring Innovation Center

13006 Disney Lane, Silver Spring, MD 20906

GOVERNMENT CONTACT

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NAICS CODES

541330: Engineering Services (Primary)

541611: Management and Financial Consulting, Aquisition and Grants Management Support, and Business Program and Project Management Services

54151: Computer Systems Design and Related Services

COMPANY INFORMATION

Small Disadvantaged Business (SDB) **8(a) Certified**

GSA STARS III 47QTCB22D0051



Contract Holder

WHAT OUR CLIENTS SAY

"...intensely customer focused and brings deep intellectual rigor to highly complex and high-stakes problems."

—Randy Lange, Leader / Strategist / Trusted Advisor; CSO Firebird AST

"...unquestionable integrity and professionalism..."

"...consistently demonstrates the leadership, technical, and analytical qualities so critical to the success of high performance program and project management teams..."



PAST PERFORMANCE

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SYSTEMS ENGINEERING

CUSTOMERS

National Aeronautics & Space Administration (NASA)
Goddard Space Flight Center (GSFC)
Geostationary Operational Environmental Satellites (GOES-R)



CHALLENGE

The GOES-R Series Program is a collaborative development and acquisition effort between NASA and NOAA to develop, launch and operate geostationary environmental satellites. TPM was hired to provide around-the-clock Engineering and Mission Operations Services across the GOES-R lifecycle: Launch, Orbit, Post Launch Test (PLT) and Ongoing Operational Support. geostationary environmental satellites. TPM was hired to provide around-the-clock Engineering and Mission Operations Services across the GOES-R lifecycle: Launch, Orbit, Post Launch Test (PLT) and Ongoing Operational Support.

TPM ACTIONS

- **Project Management:** Performing program scheduling and schedule management and leading GOES-R Instrument Subsystem support activities
- **Systems Engineering** for mission-critical GOES-R Instrument Systems
- **Remote Sensing Instruments:** Development of command scripts, calibration and validation of data and management of tests camping to validate functionality.
- **Analysis** of real-time telemetry to identify trends, anomalies, and risks
- **Process Engineering** for Post-Launch Test (PLT) Plans, Sequence of events, Mission Scripts, Standard Operating Procedures (SOP), and mission simulations

PROGRAM AND PROJECT MANAGEMENT

CUSTOMERS

Department of Commerce (DOC)
National Oceanic and Atmospheric Agency (NOAA)
National Environmental Satellite, Data, and Information Service (NESDIS)



CHALLENGE

NESDIS provides access to global environmental data and information from satellites and other sources to promote and protect the Nation's security, environment, economy, and quality of life. With massive compute and storage requirements, NESDIS leadership wanted to migrate to the commercial cloud in a common enterprise framework. Recognizing the transition to the commercial cloud is not so much a technology challenge as it is an institutional challenge, NESDIS hired TPM to develop the architectural framework, Concept of Operations (CONOPS), and business processes to support their transition to the cloud.

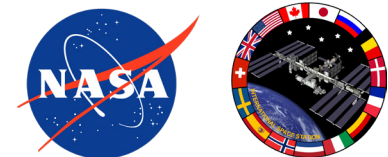
TPM ACTIONS

- Developed/documented Common Cloud Framework Architecture
- Developed/documented Cloud CONOPS
- Developed/documented Governance Structure
- Developed/documented security procedures
- Organized/staffed Program Management Office (PMO)
- Developing/documenting business processes
- Overseeing development of cloud prototypes

ENTERPRISE AND BUSINESS TRANSFORMATION

CUSTOMERS

National Aeronautics and Space Administration (NASA), Space Life and Physical Sciences Research and Applications (SLPRA)



CHALLENGE

SLPRA leads NASA's biological and physical research which focuses on using the spaceflight environment to conduct experiments that cannot be conducted on Earth. The organization was led by scientists, in average supported 60 research space flight projects. NASA leadership wanted to position the division to become a program by transforming its processes, systems, support personnel, and implementing the Program Management discipline.

TPM ACTIONS

- Facilitated Strategy Sessions to develop the new vision for the Division
- Created and inventory of current processes and prioritized change
- Developed the As-is and to-be for the processes
- Assisted with the implementation and adoption of the new processes
- Developed a Risks Management Plan
- Developed new methodologies for Schedule Management
- Developed an Intranet for communication and Knowledge Management
- Developed Applications such as dashboards, calendars, Kanban, etc. for improvement of the management of the portfolio