



Defense Technology Integration, (DTI) LLC The McConnell Group, (TMG) INC

Visit our websites

<https://www.deftechno.com>

<https://themccgroup.com>

Overview

DTI is an IT engineering and biomedical research products firm. DTI Partners with TMG, a biomedical research support services firm delivering advanced biodefense research support services. Our AI driven NextGen technology and laboratory products enable science-based innovative solutions.

SBA 8(a) – Through 2/2030



MDOT MBE, DBE, SBE



Woman Owned Small Business



CORE COMPETENCIES

Laboratory Products

Biomedical and behavioral research development, lab equipment, research conduct and public health outreach and communications.

Laboratory Product Services

- Equipment delivery
- Equipment installation and calibration
- Manage equipment warranties
- Arrange training
- Manage vendor upgrades and modifications
- Manage equipment decommissioning and removal

Medical Research Technology

integrates and applies concepts of biology, chemistry and medicine to provide data to improve overall health and performance.

Data Analytics

Provide complex high-level data analysis, identify and model data, visualization, extraction, transformation, and loading (ETL), API integration, data governance, business intelligence, reporting, Power BI, Tableau, and AI.

Network Enterprise Architecture

Design and manage infrastructure, operate, troubleshoot and modernize enterprise network. Implement cloud computing, perform hyperconverged server management, system administration, data center, and change management.

Application Development

Implement and manage Salesforce, SQL, Oracle, Linux, Unix, Windows, mainframe, MS 365, Visual Basic for Applications, custom applications, SAFe Agile, MS Access, SharePoint, .NET framework, and web services.

NAICS CODES

541714 Biotechnology Research

541512 Computer Design Services

541519 Other Computer Related Services

541611 Administrative Management and
General Management Consulting

611430 Professional and Management
Training

541511 Custom Computer Programming

CAGE CODE: 8AX14

DUNS: 117044091

UEI: H2CZAPKPE8J7

CONTRACT VEHICLE



GSA MAS #47QTCA23D008Q

Certifications

SBA 8(a)

SBA Woman Owned Small Business

Contact Information

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Customer Highlights

DTI and TMG provide our customers with a comprehensive selection of professional and technical services and products designed to enhance integrated collaborative strategies to expand medical research. We leverage evolving Information Technology to advance science and improve lives.



National Institutes of Health – DTI is a Prime Contractor for an IDIQ supporting Biomedical Research and Development: (1) biomedical and behavioral research areas, (2) Lab equipment, (3) research capacity, (4) research conduct, and (5) Public Health Outreach/Communications and Research. Procured and coordinated installation of a **The NovaSeq X Plus Sequencing System, developed by Illumina for the National Institute on Aging (NIA)**. Provided an advanced high-throughput DNA sequencing platform that provides researchers with an efficient, scalable, and powerful tool for genomic analysis. Coordinated equipment delivery, installation and training. Coupled with its cost-effectiveness, accuracy, and speed, provided an invaluable asset for large-scale studies of aging, age-associated diseases to gain new insights into the molecular mechanisms of aging, ultimately contributing to better health outcomes for older populations. Manage cloud migration from on premise 500+ data center servers to Azure, AWS, Google, and Oracle for the Center for Information Technology. Support data center compute and storage operations and modernization. Manage disaster recovery and continuity of business operations.



Department of Veterans Affairs, Palo Alto Health Care System – Provided Tecniplast ventilated cages, IVC racks + AHU with HEPA filters, adjustable airflow, blowere monitoring (PMD), and touch-screen controls for alarms, cage changing stations, digital ventiated cage sensor plates, and cagewash logistics accessories. Provided stable micro-environments to reduce contaminants, improve outcomes and reproducibility.

Department of Veterans Affairs, Puget Sound Health Care System – Provided a Waste Management System with electric lift to handle the safe collection, transfer, and disposal of biomedical and research-related waste for research labs. Increased efficiency in handling daily waste in vivariums and laboratories.

Department of Veterans Affairs – Provided Sartorius Analytical Balances to help ensure accuracy, safety, and compliance in research environments.



U.S. Geological Survey (USGS) National Wildlife Health Center (NWHC) – Provided Cage Ventilated Animal Housing System supporting flexible cage sizes and isolated environments to reduce cross contamination and protect researchers managing wildlife species.



Internal Revenue Service – Manage enterprise z/OS mainframe modernization, enhancement, mainframe, and sustainment. Monitor health, capacity, and performance. Tune system parameters for optimal output. Identify and resolve bottlenecks or performance issues. Install and configure IBM DB2 software and middleware. Manage storage devices, create user profiles, write JCL scripts for job automation. Provide technical writing and support data center system audits.



U.S. International Development Finance Corporation - Managed Cloud services, enterprise network operations and modernization, help desk, cybersecurity audit remediation, implemented Zero Trust, telecommunication services, audio visual support, data center hyperconvergence architecture, disaster recovery, continuity of business operations, and enterprise data warehouse. Conducted eDiscovery data extraction, data loading, administration, research, analysis, mapping linkages across multiple databases, Excel, SQL, Access, Oracle, Salesforce. Analyzed risks of major financial lending programs. Assessed hundreds of data fields across multiple large-scale projects.