

GOVERNMENT & MILITARY

TAI has extensive experience working with a variety of customers within the **U.S. Government and Military Services**. Our professional staff focuses on asking the right questions during the design/construction process to ensure the specific mission requirements are suitably addressed while maintaining flexibility for future needs.

TAI is headquartered in Baltimore, MD, and has offices in Dallas, TX, Phoenix, AZ, and Wilmington, DE.



ENGINEERING

- Facilities Engineering
- Process & Mechanical
- Structural
- Electrical, Instrumentation & Controls
- Automation & Systems Integration



MANAGEMENT

- Project Management
- Construction Management
- Procurement Services
- Design-Build & Turnkey Solutions
- Staff Augmentation
- Process Safety Management



TECHNICAL SERVICES

- Inspection & Test
- I&C Field Services
- 3D Scanning
- Mechanical Construction
- Electrical Construction

SERVICES

- * Preliminary & Detailed Engineering
- * Scope Development
- * Cost Estimation
- * Construction Documents
- * Bid Packages Development
- * Cost Estimation
- * Facility Documentation
- * Code Analysis & Interpretation
- * Troubleshooting
- * Energy Efficient & Sustainable Design

EXPERIENCE

- * Secure Facilities (ICS 705-1)
- * Mission Critical
- * Data Centers
- * Server Rooms
- * Training Facilities

CERTIFICATIONS

ISO / IEC 17025:2017 (International)
ANSI / NCSL Z540-1-1994 (National)
Certification #: AC-2055

CONTACT

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NOTABLE PROJECTS

■ NIBC Truck Inspection

TAI provided electrical, mechanical, and structural design for a truck inspection station at Fort Detrick, MD. The design consisted of a guard house, truck inspection canopy, security cameras, canopy and site lighting, generator and UPS backup, active vehicle barriers, and telecommunications. In addition to the design services, TAI provided project management of sub-consultants and equipment vendor designs, as well as equipment submittal reviews, RFI response, and construction inspection. TAI coordinated the design with onsite government personnel as well as the U.S. Army Corps of Engineers. TAI served as the prime designer (designer of record) and led all aspects of design, including oversight of other disciplines (civil engineer & equipment). TAI was involved in all aspects of the project, from initial project kick-off through final construction inspection.

CLIENT: **CONFIDENTIAL**
MARKET: Government/Military
LOCATION: Ft Detrick, MD
SERVICES:

- Vehicle Inspection Station
- Active Vehicle Barriers
- Intrusion Detection, Access Control
- Guard House
- Power Distribution
- Site Security Lighting

■ Army Research Lab Building

TAI provided architectural and engineering services as the prime provider of design & management services working as the mechanical and electrical engineering consultant on the tenant improvement design of 75,000SF of commercial office space. The building contained multiple video teleconferencing rooms and both open and enclosed office space for computer-intensive usage. The building also contains a large auditorium and library.

CLIENT: **CONFIDENTIAL**
MARKET: Government/Military
LOCATION: Undisclosed
SERVICES:

- HVAC
- Fire Suppression
- Plumbing
- Power Distribution
- Emergency Power Generation
- TV and Satellite, Fiber Optic
- Interior and Exterior Lighting
- Fire Annunciation

■ Federal Government Project

TAI worked as the mechanical and electrical consultant on a 125,000SF office building located at an undisclosed location. This project included the design of a core and shell office building followed by a complete fit-out of the building for a confidential tenant. Building space included a full service cafeteria, 180 seat auditorium, various secure offices, and conference room spaces. This project pursued USGBC LEED Gold Certification.

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- Emergency Power Generation
- TV and Satellite, Fiber Optic
- Interior and Exterior Lighting
- Fire Annunciation