



# EDT-MDBE JV LLC

## Qualifications

205 East Benson Boulevard • Suite #211  
Anchorage, AK 99503 907.888.6785



# EDT-MDBE JV LLC

## WHY HAVE WE COME TOGETHER IN A Joint Venture?

After a period of research and evaluation of each of our individual firms' potential and geographic reach, Mallard Duck Bay and Engineering Design Technologies have formed a collaborative approach to capitalize on our strengths. This will not only better serve our existing clients but also present more complete design and construction solutions to new and existing clients. Together, we far exceed what other firms in the market may offer. Some of the benefits this new association will offer include:

1. Resource sharing: Our combined resources, including finances, equipment and expertise, will allow us to pursue large-scale construction projects that may be too challenging or costly for a single company to undertake alone.
2. Risk-sharing: Joint ventures also allow companies to share risks associated with a construction project. This mitigation of risk will allow for a better client relationship.
3. Access to new markets: We have a lot to offer! Our JV will help gain access to new markets and expand our operations while taking advantage of local knowledge and expertise.
4. Enhanced capabilities: This joint-venture will enhance the capabilities of each of our companies. By pooling our expertise and resources, we will exponentially expand our skill sets, knowledge and capacity to meet and exceed client expectations on complex and challenging projects.

## AT A GLANCE

### NAICS CODES

#### PRIMARY

236220 Commercial and Institutional Building Construction

#### SECONDARY

236210 Industrial Building Construction

541310 Architectural Services

541330 Engineering Services

561210 Facilities Support Services

#### BONDING CAPACITY

Joint Bonding Capacity for Single Projects – \$50M

Joint Bonding Capacity Aggregate – \$100M

### GEOGRAPHIC REACH

CONUS & OCONUS

### SAFETY

We are committed to our Safety Program and strive to meet all safety precautions to each project and ensure we have a safe and injury free business.

### JV POINT OF CONTACT

Justin Dunn

205 E Benson Blvd. Suite #211

Anchorage, AK 99503

[jdunn@mallardduckbay.com](mailto:jdunn@mallardduckbay.com)

907.888.6785



*On the following pages please review information on each individual company that is part of this JV.*



Mallard Duck Bay Constructors, LLC. (MDBC) is a full service General Contractor and pending ANC 8(a) company, serving both the Government and Private commercial construction industries. MDBC specializes in delivering high-quality, turn-key projects to our clients regardless of size, or complexity.

Through our core values of Determination, Integrity, and Respect, we cohesively team with our clients to create successful partnerships, project after project. Safety and Quality are paramount within our company culture, we hold ourselves to a high standard of performing work with zero lost time incidents, and follow a 3 phase quality control process. Our team has an outstanding portfolio of past performance on projects worldwide.

## CAPABILITIES

- Construction Management
- Design Management
- Civil Construction
- Structural Concrete
- Wood & Timber Construction
- Steel & Hybrid Construction
- Pre-Engineered Steel Buildings
- Tenant Improvements & Remodels
- Facility Maintenance
- Mechanical & HVAC Systems
- Electrical & Control Systems
- Infrastructure & Utility Construction
- SCIF & Secure Facility Construction
- Modular/Portable Facility Construction
- Liquid Storage Facility Construction
- Power Generation Facility Construction

## 8(a) ANC DIRECT AWARD



ANCs (Alaska Native Corporations) with 8(a) certification have vast sole source capabilities. The Government may request to negotiate with MDBC for sole source acquisitions without an agency justification (FAR 19.808-1). This process streamlines negotiations, accelerating the award process and building a strong partnering relationship.

### SOLE SOURCE CONTRACT BENEFITS

- Cannot be protested
- May be valued up to \$100M without justification
- Significantly saves on procurement costs and shortens cycle
- Negotiated SOW and price
- Sets the foundation for partnering
- Uninterrupted operations
- Improves performance and quality
- Lowers program risk
- Exempt from competitive thresholds



## GENERAL INFORMATION

MDBC is a subsidiary of Chignik Lagoon Native Corporation. Chignik Lagoon is located on the Alaska Peninsula and has deep roots in Commercial and Subsistence hunting and fishing activities.

Our business is focused on delivering exceptional performance within the Construction and Facility Maintenance markets. With over 35 years of combined experience, our team has the knowledge to deliver projects within our clients budget, schedule, and scope. We are confident that we have a suitable solution to fast-track your next project.

### Primary

236210 Industrial Building Construction

### Secondary

236220 Commercial and Institutional Building Construction  
237310 Highway, Street, and Bridge Construction  
237990 Other Heavy and Civil Engineering Construction  
561720 Janitorial Services  
561110 Office Administrative Services  
561730 Landscaping Services  
561990 All Other Support Services  
541611 Administrative Services  
541519 Other Computer Related Services  
541618 Other Management Consulting Services  
541614 Process, Physical Distribution, and Logistics Consulting Services

### Business ID Numbers

EIN: 88-0995919  
UEI: DTH1DBBHS7B5  
DUNS: 118588279  
CAGE: 9A7Q9

### Cognizant SBA Office

U.S. Small Business Administration  
BOS - Hugh Griffin  
Alaska District Office  
420 L Street, Suite 300  
Anchorage, AK 99501  
Phone: (907) 271-4861  
Fax: (907) 271-4545

## CONTACTS

### Ben English

CEO| Mallard Duck Bay Constructors, LLC.  
benglish@mallardduckbay.com  
c: 907.268.9740

### Justin Dunn

General Manager, Mallard Duck Bay Constructors, LLC  
jdunn@mallardduckbay.com  
c: 907.888.6785



A CHIGNIK LAGOON NATIVE CORPORATION SUBSIDIARY

Mallard Duck Bay Constructors, LLC  
205 E Benson Blvd. Ste #211  
Anchorage, AK 99503

[www.mallardduckbay.com](http://www.mallardduckbay.com)



Mallard Duck Bay Enterprises, LLC (MDB) is a Small Business Administration (SBA) certified 8(a) and HUBZone Alaska Native Corporation (ANC) owned company specializing in Federal Government contracting. MDB was established in 2009 as a subsidiary of the Chignik Lagoon Native Corporation under the terms of the Alaska Native Claims Settlement Act (ANCSA) in 1971.

Chignik Lagoon is a small salmon fishing community on the Alaska Peninsula. The Native Corporation comprises approximately 200 shareholders with strong ties to the land they have survived off for generations. We are united behind the single objective to build profitable and sustainable businesses that will support a community of self-sufficient shareholders in the land they inhabit.

## STRENGTHS

### MDB VALUES

- Integrity, honesty and transparency in all we do
- Building trusted business relationships
- Prioritizing contract performance over price
- Maintain a culture of safety and quality

### MDB ADVANTAGES

- CEO has 20+ years of successful government contracting experience.
- Experienced staff with TS and Secret clearance.
- Bonding capacity of \$5M and \$10M aggregate.
- Resources of \$2 Billion Regional Corporation

## 8(a) ANC DIRECT AWARD

ANCs with 8(a) certification have vast sole source capabilities. The Government may request to negotiate with MDB for sole source acquisitions without an agency justification (FAR 19.808-1). This process virtually guarantees streamlined negotiations, thereby accelerating the award process and building a partnering relationship.

### SOLE SOURCE CONTRACT BENEFITS

- Cannot be protested
- May be valued up to \$100M without justification
- Significantly saves on procurement costs and shortens cycle
- Negotiated SOW and price
- Sets the foundation for partnering
- Uninterrupted operations
- Improves performance and quality
- Lowers program risk
- Exempt from competitive thresholds





## GENERAL INFORMATION

MDB has received its 8(a) and HUBZone certifications and is focused on delivering exceptional performance in Facility Support Services, Design/Build Construction, Bid/Build Construction and Renovations & Tenant Improvements. We are the right choice for your mission requirements.

### Primary

561210 Facility Support Services

### Secondary

236210 Industrial Building Construction  
236220 Commercial and Institutional Building Construction  
237310 Highway, Street, and Bridge Construction  
237990 Other Heavy and Civil Engineering Construction  
238220 Plumbing, Heating, & Air-Conditioning Contractors  
561720 Janitorial Services  
561110 Office Administrative Services  
561730 Landscaping Services  
561990 All Other Support Services  
541611 Administrative Services  
541519 Other Computer Related Services  
541618 Other Management Consulting Services  
541614 Process, Physical Distribution, and Logistics Consulting Services

### Business ID Numbers

EIN: 61-1596517  
DUNS: 013717854  
CAGE: 77PV1

### Cognizant SBA Office

U.S. Small Business Administration  
Alaska District Office  
420 L Street, Suite 300  
Anchorage, AK 99501  
(907) 271-4861  
Fax: (907) 271-4545

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## KEY PERSONNEL PAST PERFORMANCE HISTORY

Mallard Duck Bay Enterprises, LLC's key personnel bring over 35 years of combined Federal Contracting experience to the table, with a diverse variety of projects both CONUS and OCONUS. A full, detailed listing of past projects can be provided on request.

### **Kodiak Fuel Line Replacement (USCG)**

Location: Kodiak, AK

Contract Value: \$4.5M

General Scope: Remove and replace an existing slip-lined steel pipeline through the main thoroughfare of Base Kodiak, including dewatering, soil remediation, and paving activities. Several unforeseen conditions were encountered, and solutions rendered in short order due to close coordination of the GC and USCG. The project was phased to allow access to surrounding facilities, and temporary fueling provisions were setup to ensure all search and rescue missions could operate without interruption. This project was completed 3 months ahead of schedule due to the partnering approach that the GC and Client entered into at the forefront of the project.

### **Waterfront Operations Facility (NAVFAC)**

Location: JBPHH, Oahu, HI

Contract Value: \$23.2M

General Scope: Provide various upgrades to existing NAVFAC mission critical facilities, and new construction of a Tactical Athletic Facility. Approximately 10,000 sf of new CMU additions to existing concrete masonry buildings were constructed, as well as renovation of approximately 20,000 sf of space within building 987, and an additional 6,000 sf of newly constructed office space in existing 2nd story high bay area.

### **Kwethluk K-12 Replacement School (LKSD)**

Location: Kwethluk, AK

Contract Value: \$34M

General Scope: Procure all materials and equipment to construct a new 45,000 sf school in Kwethluk, AK. Construction included site development from raw, un-cleared land through final commissioning activities. Medium voltage overhead and underground utilities were procured and installed. Foundation systems comprised of 16" closed-ended driven piles. Steel and glued-laminated superstructure frame. Structural insulated panels with steel and aluminum siding, standing seam metal roof, and translucent fiberglass panel walls were utilized to provide the building envelope. Modern telecommunications systems, DDC controls, and HVAC/Plumbing systems installed throughout. Backup power generation by means of a lead-lag generator system was procured and installed, as well as a four-tank above ground fuel storage farm with a 60,000-gallon capacity.

### **Buckner Physical Fitness Facility Expansion (USACE)**

Location: JBER, Alaska

Contract Value: \$24M

General Scope: Addition of a 50,920-sf expansion to the existing Buckner Field house at JBER. Site utilities were required to be expanded to facility for the operation of MEP systems. The project included the use of large pumps for the lazy river and wave pool hydronic systems. Rooftop HVAC systems required close coordination with electrical and mechanical trades to ensure equipment was sized, procured, and placed accurately. Structural elements included a fully floating running track, central staircase that doubled as a climbing wall, and full-size basketball courts.

### **Fort Richardson Troop Medical Clinic (USACE)**

Location: JBER, Alaska

Contract Value: \$26.3M

General Scope: The Fort Richardson Troop Medical Clinic consisted of a 36,390 square-foot healthcare facility with medicine dispensary that is equipped with the latest technology and equipment to handle the medical needs of active-duty Soldiers.



[www.edtinc.net](http://www.edtinc.net)

# One Group One Vision MULTIPLE SOLUTIONS

1705 ENTERPRISE WAY  
SUITE 200  
MARIETTA, GA 30067

770.988.0400



VA Oakwood Outpatient Clinic  
Oakwood, Georgia

## ENGINEERING DESIGN TECHNOLOGIES, INC.

### DEVELOPMENT

- Real Estate Acquisition
- Funding Resources
- Investment
- Property Management

### DESIGN

- Architecture
- MEP Engineering
- Civil Engineering
- Water Resources
- Environmental
- Transportation Engineering
- Modeling Simulation
- Corrosion Science and Engineering

### CONSTRUCTION


- Design-Build
- General Contracting
- Construction Management
- Program Management
- Commissioning
- Cost Estimating



# EDT Firm Profile

Founded in 1993

Celebrating 30 Years!  
2023


 Fully Integrated  
Design-Build Firm

## Staff



Over 120 Professionals  






## Services

-  Mechanical
-  Electrical
-  Plumbing
-  Fire Protection
-  Structural
-  Civil
-  Transportation
-  Water Resources
-  Corrosion Protection
-  Renewable Energy

## Resources

-  Construction in-house
-  Engineering/Architecture in-house

## Sustainable Design

-  \$2 Billion in Design-Build Projects  
Delivered as Prime
-  LEED® & Green Globe

VA Austell Primary Care Clinic



# CAPABILITY STATEMENT

Founded in 1993, Engineering Design Technologies, Inc is a fully integrated engineering and design-build firm. EDT is a minority-owned business and 8(a) Mentor. Our firm is a front-runner in the industry and employs over 100 professionals with expertise in engineering/architectural design, BIM coordination and construction. EDT has expanded to respond to changing market conditions and provide the flexibility mandated for timely response to clients' needs. Our team is dedicated to delivering reliable, efficient and sustainable designs that satisfy our clients and the communities they serve.

## FOR MORE INFORMATION CONTACT

Anthony Taylor, President  
contactedt@edtinc.net  
770.988.0400



## MARKET SECTORS

AVIATION  
HIGHER EDUCATION/K-12  
ENERGY  
FEDERAL GOVERNMENT  
CIVIC/MUNICIPAL  
TRANSPORTATION  
HEALTHCARE  
MILITARY  
MIXED-USE  
RETAIL/RECREATION  
MULTI-FAMILY  
SENIOR HOUSING  
WATER RESOURCES  
STORMWATER



1705 ENTERPRISE WAY • SUITE 200 MARIETTA, GA 30067 770.988.0400  
10199 SOUTHSIDE BLVD • SUITE 101 JACKSONVILLE, FL 32256 904.600.0449  
STEEPLE RUN WAY SAVANNAH, GA 31405 912.231.8462  
215 19TH STREET • SUITE 201 BIRMINGHAM, AL 35201 205.942.8630  
218 RANDOLPH AVENUE • SUITE A HUNTSVILLE, AL 35801 256.883.8496  
9786-B TIMBER CIRCLE DAPHNE AL 36527 251.680.2241  
500 MCCORMICK DRIVE • SUITE E GLEN BURNIE, MD 21061 301.918.7207  
2320 CASCADE POINTE BLVD • SUITE 275 CHARLOTTE, NC 28208 980.771.2963

# EDT

## OUR MARKETS



TRANSPORTATION



EDUCATION

**DESIGN-BUILD**

HEALTHCARE



TUNNEL



ENERGY



SEWER



CONSTRUCTION



WATER RESOURCES

# DESIGN-BUILD



**TBUP Barracks Renovation FY12, FY13, FY14**  
**6 Buildings, 61,000 SF/building**  
**Fort Gordon, Georgia**

**Engineering Design Technologies, Inc. (EDT)** provided engineering design services for the TBUP Barracks Project at Fort Gordon, Georgia. Project consisted of the renovation of 6 three-story barracks buildings, 2 shelters and PT pits, along with associated site improvements.

EDT was the prime and the design engineer-of-record on this Design-Build renovation barracks rehab for the integration of new structural balconies, anti-terrorism force protection, progressive collapse reinforcement, all new HVAC, plumbing, electrical, civil/site work, LEED® Silver sustainable design, with base-wide systems and controls. EDT self-performed all project and construction management, construction administration, construction permitting, construction buy-out, schedule and cost control, safety and quality management.



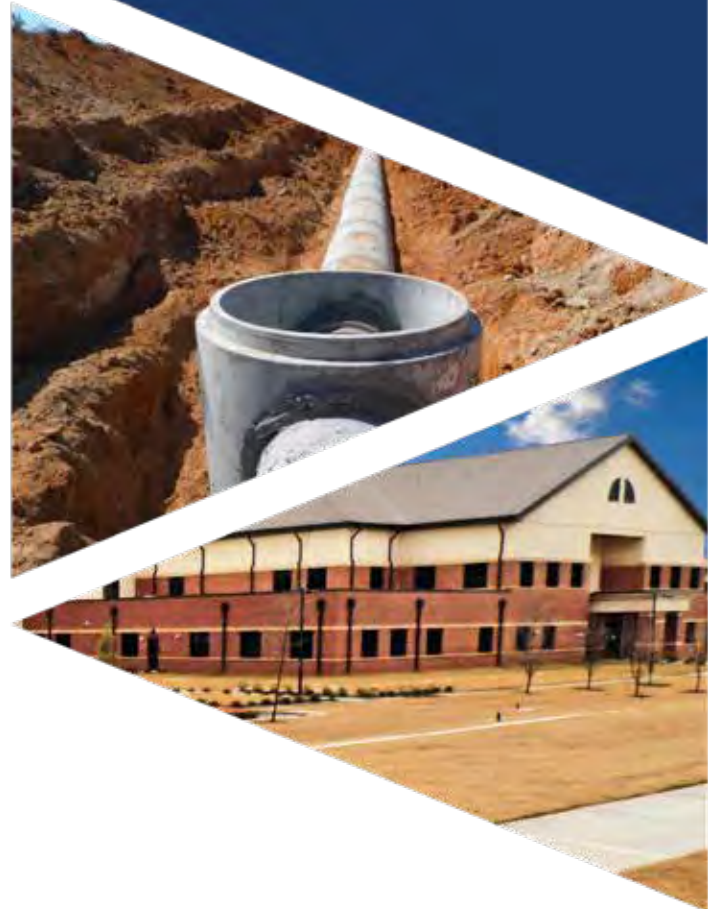
# DESIGN-BUILD



## Special Operations Forces (SOF) Battalion Operations Facility Fort Bragg, North Carolina

Acting as prime and design engineer-of-record for this project, **Engineering Design Technologies, Inc. (EDT)** spearheaded the repair and replacement of the existing Building. Prior to EDT's overhaul, the facility was undersized and poorly configured for battalion and company operations. The building's infrastructure was failing and the communications base did not support modern data and information systems. As a result, security and AT/FP requirements were not met. The project required construction of a 2 story facility with adequate space for the 3rd Special Forces Group (Airborne) battalion headquarters. The project included the following:

- Administrative and readiness modules with arms vaults
- Classrooms, Team Rooms and Conference Rooms
- Mission planning areas
- Building systems with fire detection and suppression
- Energy management control to match local systems
- Communications networks
- Protected distribution system
- Intrusion detection
- Surveillance and electronic access control



EDT constructed support facilities and completed all civil/site work, utilities (electrical, water, gas, sanitary sewer and information systems distribution), lighting, parking, curb and gutter, sidewalks, storm drainage, landscaping and air conditioning. Special requirements called for sustainable construction that met standards for Leadership in Energy and Environmental Design (LEED®) "Silver" and access for persons with disabilities in addition to comprehensive interior design and audio visual services. Building systems were constructed with AT/FP, progressive collapse structural reinforcement, fire detection/suppression, energy management controls, unclassified and classified communications networks, HVAC, intrusion detection, surveillance, electronic access control, cooling tower, plumbing and electrical.

# DESIGN-BUILD



**Unmanned Aircraft Vehicle (UAV) Hangar and Runway  
MQ-1C Gray Eagle, Camp Mackall, North Carolina**

**Engineering Design Technologies, Inc. (EDT)** was the design engineer-of-record on this Design-Build operations and maintenance hangar for the Department of Defense. The facility was designed according to the Department of Defense Minimum Anti-terrorism for Buildings standards. Heating and air conditioning were designed as a self-contained system and met the Sustainable Design and Development (SDD) and Energy Policy Act of 2005 which included maintenance shops, supply, company administration, supply space, tool and parts storage, 5-Ton crane, oil water separator, oil and hazardous material storage, aircraft container storage, information systems, fire protection and alarm systems, intrusion detection installation and Energy Monitoring Control Systems (EMCS) connection.

Civil and supporting design included runway overlay, replacement of taxiway and shoulders, taxiway lighting and access apron. Additional scope of work in support of the 82nd CAB expansion included design and construction of an organizational storage and vehicle parking on the main post of Ft. Bragg, NC.



Supporting Civil design included water, sewer, electrical utilities, storm drainage and retention, fencing and gates, parking, paving, sidewalks, curb and gutter, site improvements, signage, landscaping, grading, erosion control, runway and taxiway design, storm water design and storage.

The selected coordinated interior materials, furnishings and finishes complied with all requirements of the USACE. EDT used low maintenance, high-durability and long-term appearance retention furnishings and materials. To help achieve LEED® certification, recycled content and low VOC materials were used when possible.

# ARCHITECTURE

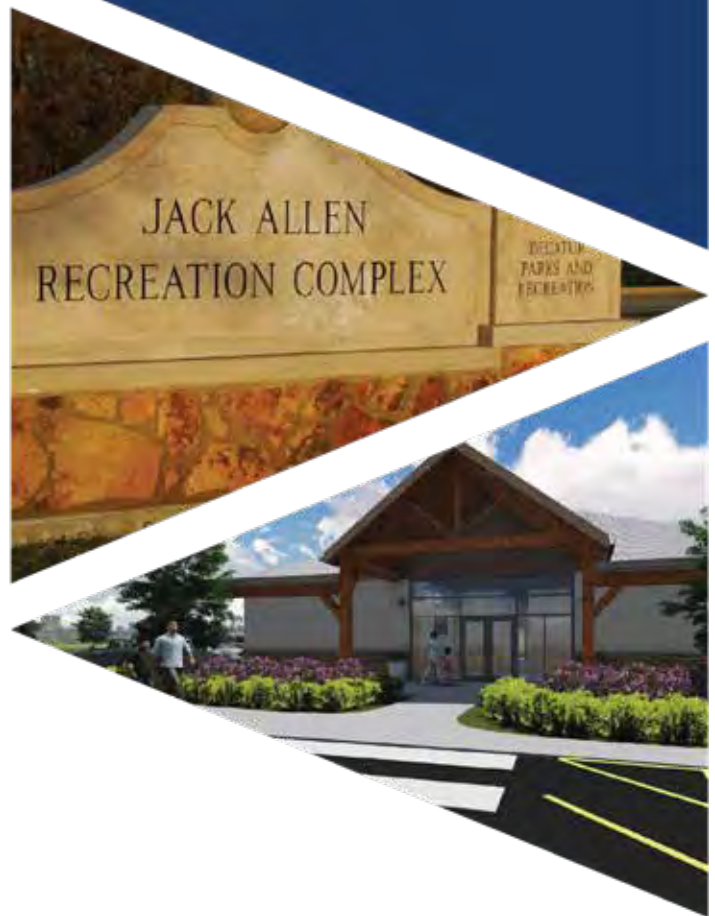


**City of Decatur Jack Allen Recreation Complex Facility  
Decatur, Alabama**

**EDT-THA Architecture, LLC (EDT-THA)** provided Architecture, Interior Design and Engineering for the Athletic Facility new construction project within the Jack Allen Recreation Complex (JARC). The project consisted of a 4,500 SF Athletic Facility, requiring tying all Electrical, Plumbing and Civil into the existing state of the art JARC Facility. EDT provided all engineering services on the project, except civil which was chosen due to their previous work at and knowledge of the JARC Facility.

#### Work Performed:

- 4,500 SF Athletic Facility
- Architectural, Structural, Mechanical, Electrical, Plumbing and Interior System Design
- Electrical, Plumbing and Civil design tied into the Existing Masterplan
- Finishes, Fixtures and Equipment



#### Highlights:

- Cost Management in order to allow for all needs to be met within budget
- Incorporated facility design details into the design to blend with the existing Masterplan in order to appear as though it was part of the original construction

# ARCHITECTURE



**Linden Oaks MEDCOM Womack Facility  
Cameron/Fayetteville, North Carolina**

The **EDT Team** provided a wide array of services, including Architecture and Design-Build, for the DOD one-story health care center. The newly constructed building serves as an outpatient medical clinic that offers quality health care to Fort Bragg's military personnel and their families.

The USACE and DOD requested a build-to-suit or renovation of an existing facility with approximately 12,500 NUSF to accommodate a community rehabilitation clinic. With planned operations by the US Army Medical Command, the USACE specifically called for a facility within a 5 mile radius of Fayetteville's city center. The space needed to provide adequate circulation and mechanical areas; a full complement of utility services; good access with secure and lighted parking for employees and patients and compliance with the Department of Defense's Anti-Terrorism/UFC Minimum standards for Buildings.

Adhering to the DOD's specifications, EDT-THA part of the EDT Design-Build team, planned and constructed the new facility which included areas for mechanics and circulation.



The internal design incorporated rooms for private exams, laboratories, immunization areas, a pharmacy (with drive-thru capabilities) and an area for administration to carry out day-to-day operations.

The external, a brick facade, was designed to match the local area's surroundings and offer a high-quality, professionally aesthetic appearance. By using energy efficient windows, EDT supported the building's structural integrity and complied with Energy Star requirements. Throughout this project, the EDT team maintained compliance with the UFC's specific standoff requirements for an 'Inhabited Building' and met all local, state, federal, NFPA and NEC codes.



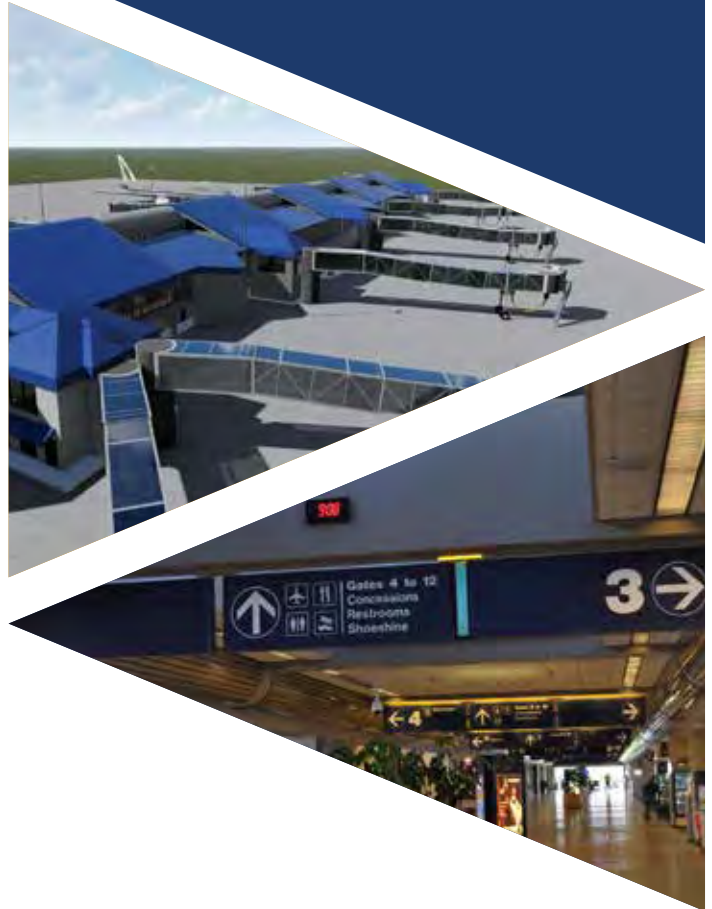
# ARCHITECTURE



## Huntsville International Airport 5 Year A/E Services Contract Huntsville, Alabama

The EDT Team was selected by Huntsville International Airport to provide Architecture and Engineering Services on a 5 year contract. These task orders consist of extensive coordination with airport personnel and airport operations to ensure that as-builts from the original construction are accurate, renovations are thoughtfully considered to protect security and aesthetics and impact to passenger flight experience is minimal during construction. Projects for this contract have included new construction, renovation, additions, replacement and upgrades to facilities.

Services have included Architecture, Interiors, Mechanical Engineering, Electrical Engineering, Plumbing, Fire Protection, Civil Engineering, Structural Engineering, Geotechnical and Construction Administration.



### Examples of projects:

- Concourse Restrooms Upgrade
- Concourse Exterior Fascia Upgrade
- Concourse Connector Expansion
- Public Area Storm Shelter Addition
- Airport Signage Replacement
- Concourse Carpet & Tile Replacement
- Indoor Pet Relief – Temporary & Permanent
- Nursing Mother's Room – Temporary & Permanent
- Customs FIS Area Renovation
- Concourse Public Seating, Charging & WIFI Area Renovation/Upgrade
- Concourse Concessions - Upgrade & Expansion
- Escalators and Elevators Renovation & Addition
- TSA Renovation

# CORROSION ENGINEERING



**Engineering Design Technologies, Inc. (EDT)** corrosion engineers work to incorporate the most technologically appropriate and cost effective measures to assure structural longevity for our Clients. We conduct evaluations to determine the extent of corrosion damage on existing structures and design and specify cathodic protection and coating systems to prevent further corrosion.

Our specialists have evaluated hundreds of miles of prestressed concrete, steel, ductile and cast iron mains. Evaluations identify the extent and location of corrosion on pipelines as well as the probability of future failures and the anticipated life expectancy through analyses and correlation of soil corrosivity, corrosion potential, corrosion rate, stray current and direct inspection data.

EDT performs design surveys and economic analyses for new water and wastewater facilities and recommends and designs corrosion control systems that enable achievement of goals within the Client's economic constraints. EDT performs quality control services during construction and performs testing of systems after installation.



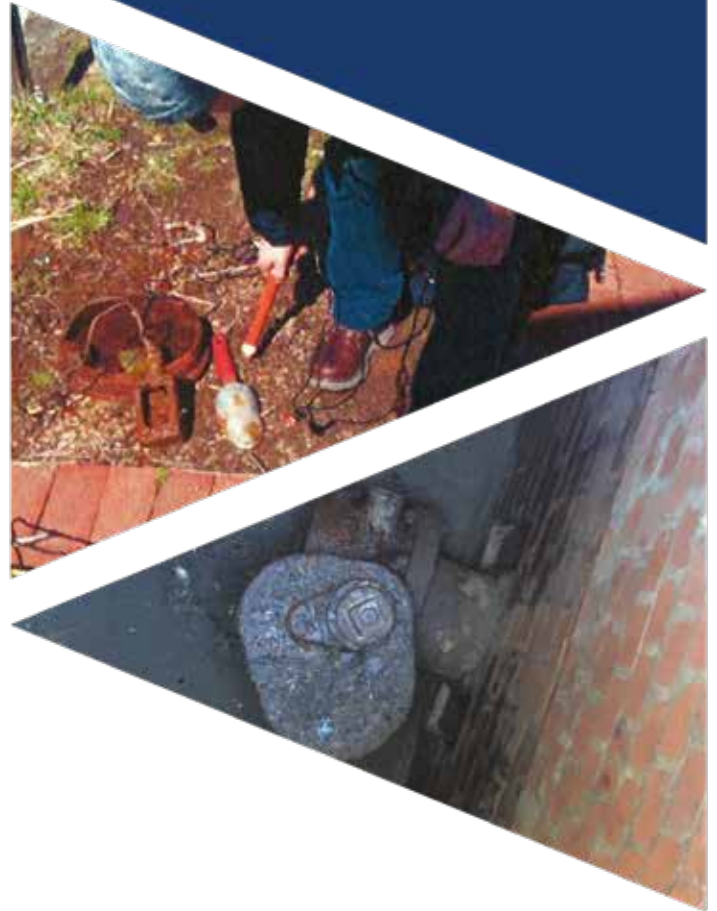
# CORROSION ENGINEERING



## DC Water & Sewer Authority, BOA - Infrastructure XVI DCFA 470-WSA, Task Order #4, 66-Inch Steel Water Main Washington, DC

In 1969 the City of Washington, DC installed, under four separate contracts, approximately 8,000 LF of 66-in, 0.5-in thick steel pipe lined, coated with coal tar enamel (according to AWWA Standards C203) and the installation of the City's first cathodic protection (CP) system. Based upon our team's testing this system in 2010 – 2014 the existing 1,700 lbs. of magnesium anodes originally installed have all been consumed and are no longer providing effective corrosion protection for the pipe.

This AWWA coating standard called for the use of asbestos felt wrap with a coal tar enamel. The planned work required the removal of the coating for pipe thickness testing and installation of welds for cathodic protection system and therefore the engagement of industrial hygienists to ensure the health and safety of the workers. **Engineering Design Technologies, Inc. (EDT)**'s engineering team was contracted to assist with the pipe condition assessment and complete the cathodic protection engineering retrofit design.



The engineering team completed the first phase of the project by performing initial field investigations and soils testing by collecting selected soil samples to evaluate moisture content and density, Atterberg limits, grain size, California Bearing Ration (CBR). A comprehensive soils report and CP design was submitted to Client.

This contract scope of work included engineer cost estimates, phased deliverables at 30%, 60%, 90% and final Contract Documents. All design plans are prepared in accordance with the District of Columbia Water and Sewer Authority's corrosion details and specifications guidelines.

# GOVERNMENT/ VETERANS AFFAIRS



**Fire Station #3**  
**Fort Bragg, North Carolina**

**Engineering Design Technologies, Inc. (EDT)** provided Design-Build services for a new state-of-the-art fire station. Design served the 82nd Airborne Division area, the new Womack Army Medical Center (WAMC) and family housing areas in the main cantonment area of Fort Bragg.

This fire station is a one-company satellite that houses 3 trucks and 6 firefighters. The building includes a kitchen, sleeping area, administrative offices, storage area, day room, training room and laundry room for the fire fighters who serve 24-hour shifts.

Supporting facilities include electrical, heating and air conditioning; basic landscaping and site development; information systems; security/scan system for AT/FP and an area for fire truck basic maintenance and cleaning.

This 7,000 SF fire station also provides training facilities that accommodate 15-24 soldiers. Parking accommodates 5 stalls for visitors including one designated handicapped stall plus 14 stalls for firefighters and soldiers attending training sessions.



# GOVERNMENT/ VETERANS AFFAIRS



**Fort Hood H-Frame Barracks &  
Central Energy Plant Renovation  
Killeen, Texas**

**Engineering Design Technologies, Inc. (EDT)** served as the Prime Contractor, Construction Manager and Designer of Record on the Design-Build delivery of Barracks Buildings 9210, 9211, 9213, 9214 and the Central Energy Plant (CEP) building 9417 upgrades which were executed simultaneously under four separate task order contracts. The Mechanical System provided was selected with consideration for high efficiency, reliability; HVAC Systems with highly efficient Air Handling Units and Fan Coil Units; Highly Efficient Domestic Hot Water Heating System; High Efficiency Motors (Fans & Pumps) with NEMA Premium type will be used to conform for Energy Conservation; Variable Frequency Drive (VFD) to control the motor speeds (when applicable) for Energy Conservation; Use of DOAU with Energy Recovery Wheel to provide cooling and dehumidification of outside air to ensure comfort of occupants and provide Energy Conservation; Highly Efficient Lighting System to achieve Energy Consumption meeting the minimum requirements of ASHRAE 90.1- 2010 and ASHRAE-189.1.



The following excerpted testimonial, provided by Mr. Andrew Bury PE, Resident Engineer, US Army Corps of Engineers as the assessing official, is from the Final Contractor Performance Assessment Report (CPAR).

***“EDT’s management was very proactive...and demonstrated on several occasions that EDT had its client’s best interest at heart through its recommendations & actions during execution of the contracts.....EDT self-performed the entire design for all disciplines and provided a comprehensive design package.”***

# GOVERNMENT/ VETERANS AFFAIRS



**Special Operations Forces (SOF) Group Headquarters  
Fort Bragg, North Carolina**

**Engineering Design Technologies, Inc. (EDT)** was the designer and construction contractor for this Design-Build SOF Group Headquarters Facility. The facility houses the 1st Special Forces Command (Airborne). It includes administrative space for the General Officer Command, training classrooms, administrative work areas, conference rooms, sensitive compartmented information facility (SCIF), team rooms, latrines with showers and break rooms.

Building systems include anti-terrorism force protection, progressive collapse structural reinforcement, fire detection/suppression, energy management controls, unclassified/classified communications networks, intrusion detection, surveillance and electronic access control.

EDT's scope of work included architectural design, geotechnical engineering, land surveying, HVAC design, electrical design, structural design, geothermal energy system design, cooling tower, building and associated systems general construction, test and balance and commissioning. The building was designed and constructed to meet the LEED® Silver sustainable design level.



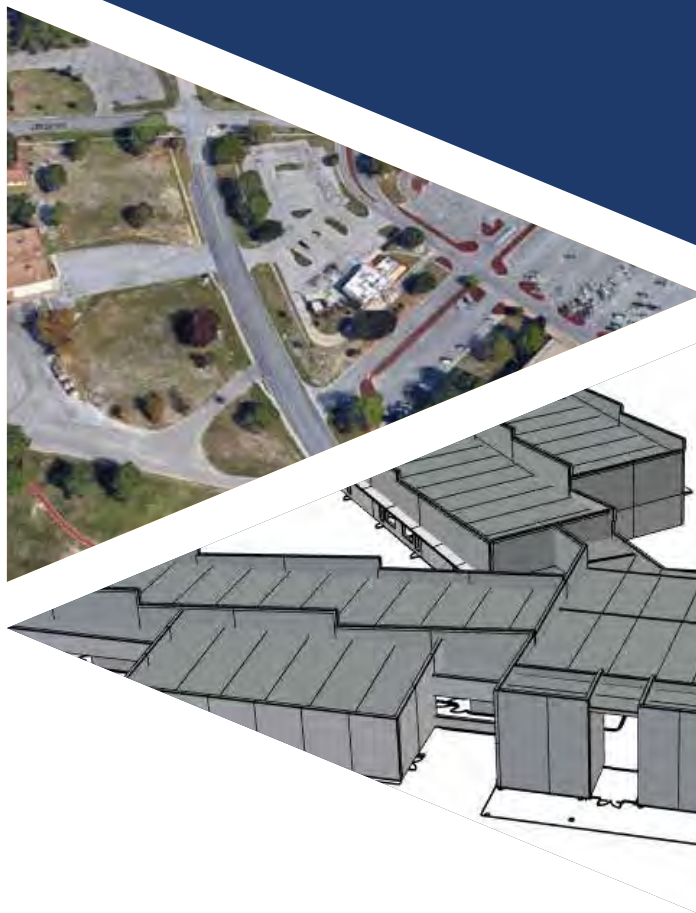
To achieve the Energy saving of 50% better than ASHRAE 90.1 -2007 Base-line Building for this project, in addition to high efficiency building envelope with highly efficient lighting, EDT designed a geothermal hybrid cooling/heating system with ground coupled Dedicated Heat Recovery Chiller (DHRC) and Water-to-Water Heat Pumps (WWHP), Energy Recovery Ventilation (ERV) units and Variable Frequency Drives (VFD) for fans and pumps.



## Tyndall Air Force Base New Child Development Center (CDC) Hurricane Michael Recovery Tyndall Air Force Base, Florida

The 10+ acre site of the proposed new Child Development Center on Tyndall AFB will span an existing section of Mississippi Road, adjacent to the existing Commissary and NCO Academy. Project tasks included the design and construction of the Child Development Center #1 (CDC) to result in complete and useable facilities including all site work and utilities.

**Engineering Design Technologies, Inc. (EDT)** continues its decades-long collaboration with Caddell Construction, who have paired before as a design-build team on USACE barracks, administrative buildings and renovations. EDT will serve as Designer of Record over a major redevelopment of base property to include streets, lots and a hurricane-sustainable precast concrete Child Development Center (school) that's also an emergency area of refuge. Tyndall Air Force Base suffered the brunt of Category 5 Hurricane Michael in 2018, leaving an estimated \$4.7B in damage. This project represents a significant investment in the long-term sustainability of operations on this vulnerable peninsula of land on Florida's Gulf Coast.



Tyndall is the home to the 325th Fighter Wing of the Air Combat Command, which trains pilots on one of the Air Force's newest planes, the F-22A "Raptor." Just under 3,000 people (700 families) lived on base before the 2018 hurricane. Construction will take approximately two years, restoring this critical function to base operations, allowing families and trainees to relocate back as the base completes the remaining 15+ years of its mission as home to Raptor pilot instructors, mechanics, flight operations, administrative and support personnel.

# GOVERNMENT/ VETERANS AFFAIRS



## VA Oakwood Outpatient Clinic Oakwood, Georgia

**EDT Development Company, Inc. (EDT-DEV)**, as owner and full service provider, directed and managed all elements of the finance, Design-Build, construction, commissioning as well as the Operations and Maintenance, for the Oakwood VA Outpatient Clinic in Oakwood, Georgia. The project delivery method is a Design-Build-Finance-Leaseback type project. The building is approximately 23,900 GSF, single-story, with a penthouse for mechanical equipment.

EDT Development Company's integrated approach and services brings added value to the overall program and occupying tenant on multiple levels.

- On-time or early schedule completion
- Budgetary savings
- Clear, concise and timely communication
- Tenant Engagement
- Tenant/End user Satisfaction
- Flexible future expansion alternatives
- Sustainable design to a LEED® Silver rating



This collaborative, non-linear project progression is a method to ensure the reduction of RFI's and Change Orders during construction, which increases the smooth transition to occupancy, since the tenant is engaged throughout the process. EDT's integrated approach has been recognized through clients' high satisfaction ratings.



# GOVERNMENT/ VETERANS AFFAIRS



**VA Austell Primary Care Clinic**  
Austell, GA

**EDT Development (EDT-DEV)**, in conjunction with the EDT Group of Companies, was the design-bid-build-finance-leaseback developer. The EDT group of companies performed complete services for the Austell, GA 14,500 SF Primary Care Clinic for the Department of Veterans Affairs. This included:

- Selection and purchase of land to fit VA specifications
- Fully financed land acquisition and design-build
- EDT coordinated Architectural, MEP, Structural and Civil with the VA design team and met all of the VA's requirements
- Coordinated interior finishes with the VA through design charettes
- Community outreach with concerned citizens
- EDT obtained all relevant permits
- EDT Construction, as General Contractor, managed all construction
- EDT Management is providing ongoing operation and maintenance including, but not limited to janitorial and maintenance separation of the building



EDT had many challenges concerning this project out of which the firm performed the site-civil, including significant detention pond, stormwater and drainage improvements. The facility is located within a 2.73-acre property. The site is a triangular shape with a 30-FT drop in elevation. Due to these significant site constraints, EDT implemented an innovative design solution for the stormwater management system. Final design included a combination of 60-in stormwater pipes under the main parking lot with an 8-in pipe acting as a discharge orifice for initial detention, a stormwater chamber system under a small parking lot to provide further detention and groundwater discharge and a water quality device to improve runoff.

# JOCs/Fast Track Select Experience



For over 25 years, **Engineering Design Technologies, Inc. (EDT)** has delivered more than \$2 Billion of Design-Build and Construction projects and have developed concise and quality driven approach to our delivery of projects under JOC/Fast Track|On-Call contracts. We have successfully delivered projects for several municipalities including Fulton County, DeKalb County, Atlanta Public Schools, Atlanta Housing Authority, EZIQ and Federal clients such as the GSA and USACE. Our experience with these types of contracts has allowed the firm to implement a process that not only tailors a team with relevant experience but provides the client with the highest quality services ultimately delivering a project in a timely and cost-effective manner.

IDIQ/JOC task order projects require a firm to mobilize and respond immediately upon being given a task. EDT is committed to quick, flexible, cost-effective and comprehensive response to every project, no matter the size. We achieve this because we are a fully integrated engineering practice.

Our full service office in Atlanta office has a large number of staff who have spent their entire career working on IDIQ task-order projects. With all major required engineering disciplines in-house, our integrated approach quickly addresses design and construction issues.



We provide:

- Specific and extensive experience in IDIQs including new construction, renovation and adaptive re-use projects
- Cost effective and efficient fees
- An experienced team with all major disciplines in-house for efficient and timely design review
- A local firm entirely on the BIM (Revit) Platform
- Committed to on-time, on-budget project delivery
- A team that is committed to sustainable design, as evidenced by LEED® Accreditation (Platinum, Gold and Silver) of several recent projects.

# JOCS/Fast Track Select Experience

Following are brief descriptions of relevant/recent projects

## **Fulton County Fast-Track IDIQ**

### **Fulton County, GA**

EDT was awarded this Indefinite Delivery/Indefinite Quantity (IDIQ) contract with the Fulton County Government. Each task order was negotiated and delivered on an individual basis. The work under this contract concluded in 2011. Since awarded, EDT has successfully performed over 20 task orders in amount up to \$2,680,000.

## **DeKalb County**

Recently awarded, this Fast-Track IDIQ consists of renovation of existing spaces, development of new construction and review of existing conditions for several County facilities.

## **Atlanta Public Schools**

Under this IDIQ, EDT is updating educational facilities via a major capital improvements program by providing design|installation of new or replacement HVAC equipment associated with air or water cooled chillers, split, unitary, rooftop systems, heat pumps, geothermal systems, distribution of hot water and chilled water that is essential for systems across facility portfolio and load calculations.

## **Atlanta Housing Authority IDIQ**

This IDIQ consists of maintenance, repair, construction and Design-Build Construction Services at various locations throughout the City of Atlanta, Georgia. The value of the work ranges from small projects for repair work at single family homes under \$100K, to rehabilitation work at multifamily communities ranging from \$100K to \$5MM to new construction of multifamily communities costing over \$10MM.



## **Fort Hood H-Frame Barracks & Central Energy Plant Renovation Killeen, TX**

EDT served as the Prime Contractor and Designer of Record on the Design-Build delivery of Barracks Buildings 9210, 9211, 9213, 9214 and the Central Energy Plant (CEP) building 9417 upgrades which were executed simultaneously under four separate task order contracts.