Purchasing Divison
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Expression of Interest
02 — Architect/Engr

Proc Folder: 700460

Doc Description: Addendum No. 1 Bldg. 215 Medical Wing Renovation Camp Dawson

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2020-03-23	2020-04-16 13:30:00	CEOI 0603 ADJ2000000006	2

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

VENDOR

Vendor Name, Address and Telephone Number:

DLZ National, Inc.
6121 Huntley Road
Columbus, Ohio 43229
(614) 888-0040

RECEIVED
2020 APR 16 PM 12: 11
WV PURCHASING DIVISION

FOR INFORMATION CONTACT THE BUYER

Tara Lyle
(304) 558-2544
tara.l.lyle@wv.gov

Signature X Mark D Kessinger **FEIN #** 31-1624864 **DATE** April 15, 2020

All offers subject to all terms and conditions contained in this solicitation

FORM ID : WV-PRC-CEOI-001

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI ADJ2000000006

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:
(Check the box next to each addendum received)

[X]	Addendum No. 1	[ ]	Addendum No. 6
[ ]	Addendum No. 2	[ ]	Addendum No. 7
[ ]	Addendum No. 3	[ ]	Addendum No. 8
[ ]	Addendum No. 4	[ ]	Addendum No. 9
[ ]	Addendum No. 5	[ ]	Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

DLZ National, Inc.
Company

Mark D. Kissinger
Authorized Signature

April 15, 2020
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

DLZ
ARCHITECTURE • ENGINEERING • PLANNING
SURVEYING • CONSTRUCTION SERVICES

INNOVATIVE IDEAS
EXCEPTIONAL DESIGN
UNMATCHED CLIENT SERVICE

April 15, 2020

Bid Clerk
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305

RE: Camp Dawson Building 215 Medical Wing Renovation CEOI 0603 ADJ2000000006

Dear Bid Clerk:

DLZ National, Inc. is pleased to submit our qualifications and proposal for the Camp Dawson Building 215 Medical Wing Renovation. DLZ is a full-service, multi-discipline, **minority-owned** professional consulting firm that has been one of the top design firms for over 100 years. Our experience outlined in this proposal demonstrates our expertise and qualifications to perform architectural and engineering design services to prepare construction bid documents to renovate the medical wing of Building 215. Key points of our submittal include:

QUALIFICATIONS & EXPERIENCE | DLZ has vast experience with various types of projects for military installations, including facility renovation and capital improvement projects for airport support buildings. DLZ has significant expertise with comparable projects and services for various branches of the armed forces and we understand the culture and nature of this effort.

APPROACH AND METHODOLOGY | DLZ has all the design disciplines required for this project including licensed architects, landscape architects, surveyors, civil, structural, mechanical, and electrical engineers. And, we have developed a proven approach that is efficient and cost-effective.

PROJECT MANAGEMENT, QUALITY AND COST CONTROL | This project will be staffed with an experienced, quality team with a history of working together to deliver similar projects on time and on budget. We have provided you with an excellent Project Manager, Mr. David Evans, AIA, who will be supported by experienced professionals and the resources required to meet the needs of this contract.

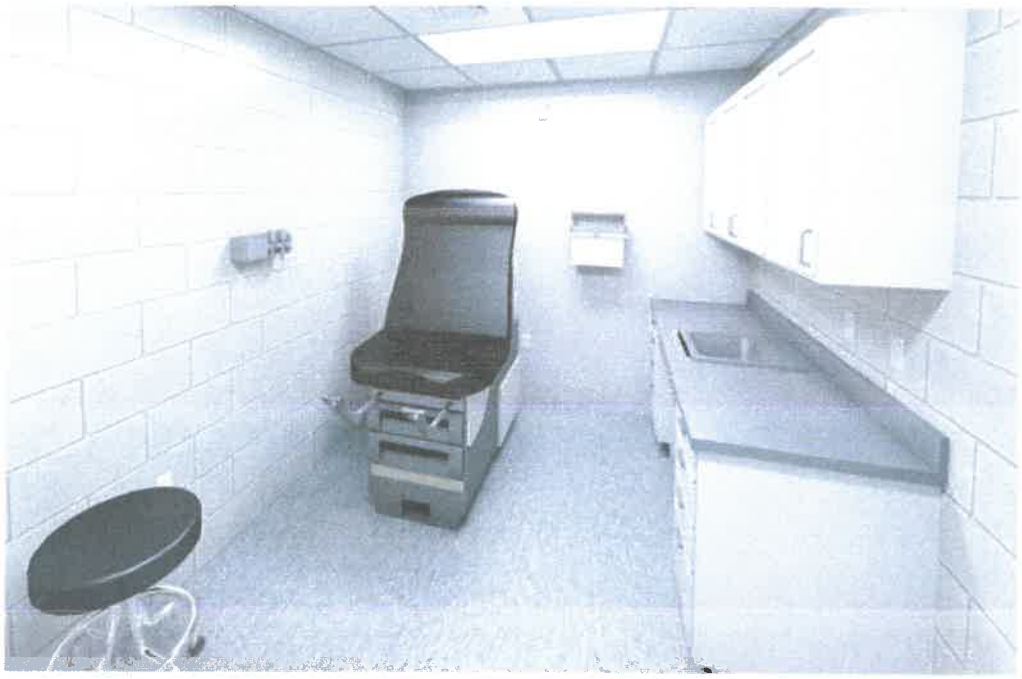
We are excited about the opportunity to work with you on this critical project. As a life-long West Virginian who happens to have a son currently serving in the West Virginia Army National Guard and deployed overseas, I will make sure that we deliver a project that we all can be very proud of. If you have any questions or would like to talk about this project in more detail, please contact me at 304-617-8348. Thank you for your consideration.

Very truly yours,

DLZ NATIONAL, INC.

Mark D. Kessinger

Mark D. Kessinger, PMP, FSAME
Vice President



Expression of Interest (EOI)

CEOI ADJ2000000006

CAMP DAWSON BUILDING 215 MEDICAL WING RENOVATION

West Virginia Army National Guard
Joint Forces Headquarters
Construction and Facilities Management Office
1707 Coonskin Drive
Charleston, WV 25311

TABLE OF CONTENTS

SECTION 1

DLZ–WHO WE ARE

DLZ National, (DLZ) is a family- and minority-owned architectural, engineering and construction services firm dedicated to providing cost effective solutions to our clients.

Our engineers, architects, planners, and technical support staff are innovative and understand that every project is different. The professionals at DLZ have the experience and expertise to realize that each client's needs and wants are unique. We approach each project with this in mind and we stand behind the work that we do.

HISTORY

As proud descendants of a long and rich heritage, DLZ has been providing superior client service, improving our nation's infrastructure and solving architecture, engineering and design challenges for decades. In 2016, our parent company, DLZ National, Inc. celebrated 100 years of providing architectural and engineering services. While our Founder, Vikram (Raj) Rajadhyaksha, began to acquire the companies that became DLZ in 1978, several divisions of DLZ have been providing professional services since 1916. Today, our company has grown to be a nationally-recognized firm.

Our reputation of providing excellent client service remains consistent, 85% of our work is from repeat business. We view relationships with our clients as a long-term engagement and take the time to invest ourselves in fostering those relationships. DLZ's continual growth and success is a testament to the quality of our work and the satisfaction of our clients.

BACKGROUND

DLZ has a long history of providing services to various branches of the armed forces. Embracing a multidisciplinary approach, DLZ applies the collaborative strengths of architects and engineers working together to deliver projects that are cost effective, functional, and aesthetically pleasing.

DLZ is headquartered in Columbus, Ohio, and does a significant amount of work in West Virginia. In fact, our Vice President for Water Resources, Mark Kessinger, lives and works from his home in Huntington and his son is in the West Virginia Army National Guard and is currently serving in the Middle East.

DLZ has performed similar work on a wide variety of architectural/engineering renovation projects, including work for the various branches of the armed forces. As a multidisciplinary, full-service firm, we are able to offer a broad range of capabilities and services to our clients, all with the use of experienced and registered personnel. Members of the proposed project management team and the design team are very experienced in all aspects of the work involved in performing architectural and engineering projects. Over the last 30 years, DLZ has developed a strong working relationship with the National Guard and Armed Forces and has successfully completed many projects throughout the United States. Our team's experience matches up well with the key elements of this proposed project.

We are confident the DLZ team offers the qualifications and capabilities to best provide architect-engineer professional design services for the WVARNG. We can readily offer a dedicated project team, experienced with similar projects that are supported by the necessary resources to perform all work in a timely and cost-effective manner.

MINORITY BUSINESS ENTERPRISE (MBE)

DLZ is a minority-owned business since 1979, owned by Vikram Rajadhyaksha, P.E., Chairman and CEO. We are very proud of our heritage and continue to place particular emphasis, in the procurement of subcontractors and suppliers, on small disadvantaged businesses, minority-owned businesses, and women-owned businesses (WBE). DLZ is committed to the creation, growth and expansion of MBEs/WBEs and currently serves as a mentoring firm for other minority firms.

SECTION 1

DLZ–WHO WE ARE

MARKETS

Federal Government

DLZ offers decades of experience and success in design and engineering projects for our military clients. DLZ provides services to military entities including the Army National Guard, the United States Property and Fiscal Office (USPFO) and other state and federal level organizations.

US Army Corps of Engineers

DLZ has served the US Army Corps of Engineers for decades. DLZ has provided architectural and engineering services to the Corps for both military installation and civil works projects on a project-specific basis as well as an Indefinite Delivery/ Indefinite Quantity (IDIQ) contract basis. DLZ has an exceptional evaluation record with the Corps and recently received an "Exceptional" rating for services performed for the Huntington District on a major civil works project.

Local Government/Agencies

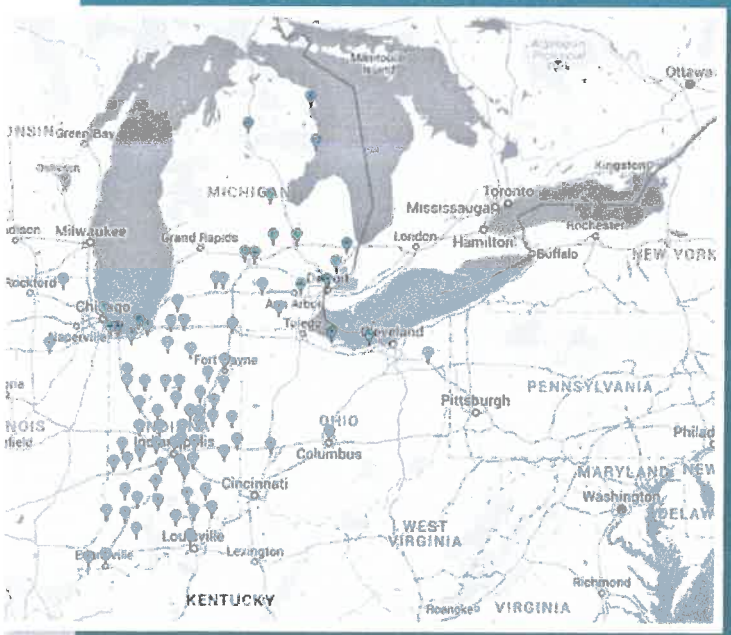
DLZ has partnered with local governments and agencies for nearly a century to make our communities a better place to live. DLZ is recognized as one of the leading engineering services providers to water and wastewater utilities in the markets we serve. We also serve first responders such as police/ fire/EMS, departments of parks and recreation, and local transportation departments.

State Government

State Governments have trusted DLZ's services for decades. Our professionals provide services to state departments of transportation, natural resources, and environmental management.

Private Sector

Within the Private Sector, DLZ serves companies in the power, energy, and metals sector such as large utilities and refineries. DLZ uses state of the art equipment including 3-D laser scanners that enables us to provide our clients with advanced solutions to their problems.



Having served governmental and public agencies for more than 100 years, DLZ has been designing projects for the U.S. Army Corps of Engineers and various federal agencies representing the Armed Forces for at least 75 years. During that time we have completed hundreds of projects at more than 100 different military sites.

Through a long-standing partnership, our staff has gained a wide range of experience, technical competence, and a strong skill set applicable to similar projects.

As one of our top clients over the past 30 years, the Department of Defense has our commitment to provide quality service.

SECTION 1

DLZ—WHO WE ARE

OFFICE LOCATION

DLZ serves public and private entities across the nation with its' 26 offices. DLZ's collaborative approach to professional services allows us to build and lead successful project teams. DLZ will provide services for the Camp Dawson Airfield Support Facilities primarily from our Columbus office.

DLZ Pennsylvania
300 Bursca Drive
Bridgeville, PA 15017

DLZ Columbus
(Headquarters)
6121 Huntley Road
Columbus, OH 43229

Camp Dawson
Airfield Support Facilities
Kingwood, West Virginia

DLZ Huntington
134 Larkspur Drive
Huntington, WV 25705

SECTION 2

QUALIFICATIONS & EXPERIENCE

ARCHITECTURE ENGINEERING

Exceptional design is the result of strong leadership and teamwork. DLZ's design process includes the use of the latest design software, and a focus on sustainable design principles. DLZ's architectural staff is dedicated to creating responsive, memorable architecture. Early involvement of the client and key stakeholders in the architectural process solidifies the design team's understanding of project needs and client goals. At DLZ, we are energized by developing design solutions that exceed our client's expectations.

DLZ's design professionals are proficient in REVIT Architecture, which enables them to work effectively in the Building Information Modeling (BIM) environment. Working in a BIM environment allows DLZ's architects to develop more sustainable, accurate designs, thus allowing for critical decisions to occur earlier in the design process when they have the greatest impact on project success and cost.

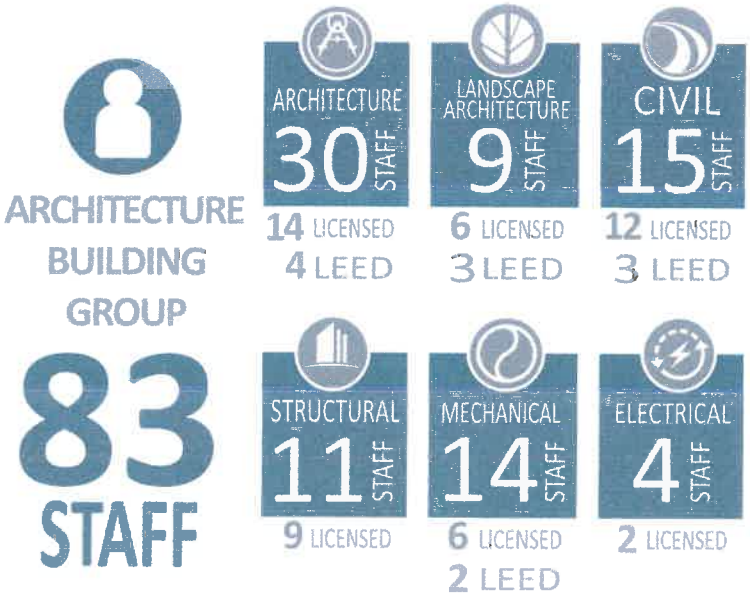
Sustainability/LEED Certification

DLZ's LEED Accredited Professional architects and engineers utilize the principles of sustainable design to reduce the carbon footprint and to minimize the environmental impact associated with our projects. DLZ designs projects using LEED design principles and has completed projects ranging from LEED Certified to LEED Gold.

DLZ actively promotes renewable energy and we seek opportunities to restore our environment and to create a new model of sustainable community development. DLZ's LEED APs are experts in sustainable design, LEED Certificate consulting, and LEED building commissioning. The design of structures that conserve the earth's resources and save energy is a constant focus at DLZ.

As a leader in the architectural community, DLZ has significant experience in:

- Complete facility design
- Program development
- Interior design
- New construction
- Renovation/restoration
- Americans with Disabilities Act compliance
- Capital improvements
- Structural/Mechanical/Electrical/ Plumbing design
- Commissioning
- LEED certification
- Interior and exterior wayfinding and signage
- Quality management and peer review



SECTION 2

QUALIFICATIONS & EXPERIENCE

DLZ staff members are very knowledgeable in the elements and issues involved in the design and construction administration of facility renovations. With a great amount of relevant experience comes an understanding of the nature of this effort.

We are able to provide additional resources as required, based on the multidisciplinary nature of our firm, as well as the depth, experience, and size of our organization. Following is a list of professional staff members proposed for the successful completion of your project. Key project personnel's resumes included are shown below with an asterisk.

CONTRACT ADMINISTRATOR

Mark Kessinger, PMP*

PROJECT MANAGER

David Evans, AIA, LEED AP BD+C*

PRINCIPAL-IN-CHARGE

Robert Kirkley, PE, PS

QUALITY MANAGER/ATF SPECIALIST

Eric Beaulieu, AIA, LEED AP*

ARCHITECTURE

Greg Galieti, AIA, LEED AP*

Carrie Smith

Wiley Roberts

CIVIL ENGINEERING

Robert Sherman, RLA*

James Toto, PE

Todd Harkins, PE

ADA COMPLIANCE

Stephen Metzer, AICP, PWS*

STRUCTURAL ENGINEERING

Corey Van Luchene, PE, SE*

Vanessa Rednour

MECHANICAL ENGINEERING

Marvin VanMeter, PE, LEED AP, CxA*

Kyun-Hoon Bang, PE

Chee Chow, PE

ELECTRICAL ENGINEERING

Michael Krizman, PE*

Marvin Hitchcock, PE

Timothy Fought, PE

SECTION 2

QUALIFICATIONS & EXPERIENCE

Mr. Kessinger came to DLZ in 2016, with over 33 years of experience as a Civil Engineer and Project Manager with the U.S. Army Corps of Engineers. During his career at the Corps, he worked at the Huntington District, the Great Lakes and Ohio River Division, and Corps Headquarters where he managed a wide range of infrastructure projects including the design and construction of dams, locks, floodwalls, office buildings and recreation structures. As DLZ's Vice President of Water Resources, Mr. Kessinger has the authority to assign personnel and resources to meet the needs of this contract.

CONTRACT ADMINISTRATOR

Mark Kessinger, PMP, FSAME

EDUCATION

Masters of Science in Engineering Management, Marshall University, 1991

Bachelors of Science in Civil Engineering, West Virginia University, 1982

REGISTRATIONS

Project Management Professional (PMP) Certificate [redacted]

- **FBI Criminal Justice Information Service, Clarksburg, WV.** Contract Administrator. Currently serves as the Contract Administrator for DLZ's Architectural and Engineering support services to the FBI's Criminal Justice Information Service. DLZ's services include master site planning and design and engineering of new facilities to house 500 new employees at the FBI's campus in Clarksburg. Features of the facilities include master planning, architecture and landscape architecture, civil, structural, electrical, mechanical, environmental and geotechnical engineering, interior design, security, communications, fire protection and commissioning.
- **US Army Corps of Engineers, Huntington District and Great Lakes and Ohio River Division.** Quality Assurance Coordinator. While with the USACE Huntington District, he was the District's Quality Assurance Coordinator for all Architect-Engineer design work. In this position, he was responsible for the quality of all A-E design services provided by contractors in support of the District's mission. He was later promoted to Staff Specialist at the Great Lakes and Ohio River Division in Cincinnati where he conducted quality assurance reviews of each of the 7 districts that make up the Division and worked to improve engineering and design aspects of all of the Division's civil works projects. During this assignment he also ensured all project requirements and agreements were met during design.
- **US Department of Energy, National Energy Technology Laboratory, Morgantown, WV.** Contract Administrator and Program Manager. Served as the Army's National Program Manager for USACE support to the U.S. Department of Energy's National Energy Technology Laboratory. In this role, he managed each task order issued under the Interagency Contract and was responsible for all USACE products and services provided to the DOE across the U.S. He managed teams from 16 USACE districts on the execution of over 25 complex tasks totaling over $20M related to architecture, engineering and construction.

SECTION 2

QUALIFICATIONS & EXPERIENCE

PROJECT MANAGER

David Evans,

AIA, LEED AP BD+C

EDUCATION

Masters of Architecture, Yale University, 2014

Bachelors of Science in Architecture, Ohio State University, 2011

REGISTRATIONS

Registered Architect:

Colorado, 2017, [redacted]

District of Columbia, 2018, [redacted]

Illinois, 2017, [redacted]

Michigan, 2017, [redacted]

Ohio, 2018, [redacted]

National Council of Architectural Registration Boards (NCARB), 2017, [redacted]

CERTIFICATIONS

LEED Accredited Professional, Building Design and Construction, U.S. Green Building Council, 2018

*Work with Previous Employer

Mr. Evans has 6 years experience in the architectural field that includes the design and representation of a variety of project types including: military federal facilities, transportation, healthcare, higher education, public safety facilities, and ADA accessibility reports. This experience includes close cooperation and coordination with structural, mechanical, and electrical engineers to ensure the final project meets the stated goals. He has developed the DLZ Interactive Design Engine, an interactive rendered environment that helps clients better understand the extents of the design and leads to a more collaborative process.

- **Michigan DTMB Camp Grayling Aircraft Hangar, Grayling, Michigan.** Project Manager. Provided design for a new 16,000 SF rotary wing hangar for the Michigan National Guard.
- **Federal Bureau of Investigations Criminal Justice Information System, Future Site Feasibility Study, Clarksburg, WV.** Architect.
- **MSRTC Busport, Maharashtra, India.** Project Architect. Created the conceptual design for 14 bus terminals throughout Maharashtra State.
- **Gerald R Ford International Airport Authority – PCC/ Operations/Police Relocation.** Architect. Renovation of two areas within the airport to provide space for police and TSA.
- **Delta Airlines Nursing Mother Rooms, Romulus, Michigan.** Project Manager. Design for five nursing mother rooms, two red coat rooms, and a sensory room at the McNamara Terminal.
- **Kent County Juvenile Detention Center, Grand Rapids, Michigan.** Lead Designer. Provided design solutions for a 43,000 SF addition to the County's existing facility with a new medical wing including three exam rooms, clean and soiled utility, prescription storage, and doctor's offices.
- **Mercy Folsom IR Suite Scoping Report, Folsom, California.*** Project Captain. Coordinated with engineering consultants to create a scoping report for a new Interventional Radiology Suite within the existing hospital.
- **Winters Health Clinic, Winters, California.*** Designer. Provided site layout designs to determine the appropriate site for locating a new health clinic in the City of Winters.
- **Lodi Memorial Hospital MRI Suite Addition, Lodi, California.*** Designer. Provided DD level drawings for a new MRI suite to be added on to the existing hospital.
- **CommuniCare Health Clinic Addition, Davis, California.*** Designer. Provided SD level plans for expansion of the existing health care facility.
- **Shasta Community Health Clinic, Anderson, California.*** Designer. Provided scoping and programming to determine the extent of work for a new health care facility.
- **San Benito Mental Health Clinic, Hollister, California.*** Designer. Provided scoping and programming to determine the extent of work for a new health care facility (2014).

SECTION 2

QUALIFICATIONS & EXPERIENCE

QUALITY MANAGER/ ATF SPECIALIST

Eric Beaulieu,

AIA, LEED AP

EDUCATION

Master of Architecture, College of Architecture and Design, Lawrence Technological University, 2003

B. S. Architecture, College of Architecture and Design, Lawrence Technological University, 1999

REGISTRATIONS

Registered Architect:

Michigan, 2005, [redacted]
Delaware, 2013, [redacted]
Illinois, 2006, [redacted]
Indiana, 2006, [redacted]
Kentucky, 2006, [redacted]
Missouri, 2011, [redacted]
Ohio, 2006, [redacted]
Pennsylvania, 2013, [redacted]
Wisconsin, 2011, [redacted]
Colorado, 2018, [redacted]
District of Columbia, 2018, [redacted]
Maryland, 2018, [redacted]
Nebraska, 2018, [redacted]
North Carolina, 2018, [redacted]
Tennessee, 2018, [redacted]
Minnesota, 2019, [redacted]

CERTIFICATIONS

Certified Commissioning Agent, AABC Commission Group, 2011

LEED Accredited Professional, U.S. Green Building Council, 2009

Mr. Beaulieu's 21 years of experience includes project management, design, preparation of construction documents, multi-discipline coordination, code analysis, cost analysis, bidding, and construction administration. Mr. Beaulieu has acquired experience in a wide variety of project types including renovations and new construction of all sizes and levels of complexity. Most notably, his architectural experience includes projects for a broad range of federal, state, and local public agencies. Mr. Beaulieu contributes a significant role to the project team and offers a practical and proactive approach to problem solving and project coordination.

- **Michigan DTMB Camp Grayling Army Airfield, New Rail Spur, Grayling, Michigan.** Quality Manager.
- **Michigan DTMB Camp Grayling Army Airfield, New Rotary Wing Aircraft Hangar, Grayling, Michigan.** Quality Manager and Architect.
- **Indiana Army National Guard, Armed Forces Reserve Center Addition/Alteration, South Bend, Indiana.** Project Manager, Architect.
- **Illinois Department of Military Affairs, Construct Combat Pistol Qualification Course at Marseilles Training Area, Marseilles, Illinois.** Architect.
- **Confidential Manufacturing Project and Location, Ohio.** Site master planning for a 1.5M square foot manufacturing facility to support electric vehicle production. Quality Manager.
- **Battle Creek Air National Guard; Building Demolition; Battle Creek, Michigan.** Project Manager.
- **Battle Creek Air National Guard, Loading Dock at Building 6901, Battle Creek, Michigan.** Project Manager.
- **Battle Creek Air National Guard, Bridge Repair, Battle Creek, Michigan.** Project Manager,
- **Alpena CRTC, Troop Quarters HVAC System Improvements Study, Alpena, Michigan.** Project Manager.
- **Alpena CRTC, Equipment Maintenance Building Addition Study, Alpena, Michigan.** Project Manager, Architect.
- **Alpena CRTC, Gun Berm Feasibility Study, Alpena, Michigan.** Project Manager.
- **Alpena CRTC, Airspace Digital Mapping, Alpena, Michigan.** Project Manager.
- **Battle Creek Air National Guard, Building 6914 Parking Lot, Battle Creek, Michigan.** Project Manager.
- **Michigan DTMB Michigan State Police Training Center, HVAC System Upgrades, Dimondale, Michigan.** Project Manager.
- **ArcelorMittal, New Main Office Building Renovation (Formerly 110" Plate Mill Office Building), Burns Harbor, Indiana.** Project Manager, Architect.

SECTION 2

QUALIFICATIONS & EXPERIENCE

With over 30 years of comprehensive experience, Mr. Galieti has a creative foundation in design and project management and participates in all phases of the project from programming through construction administration. He has extensive experience with budgets, materials, and project systems inclusive of environmental, civil, structural, MEP parameters, and construction delivery methods.

Mr. Galieti is an effective communicator with his creative aptitudes facilitating the recognition of client goals and solutions. He serves the internal project team and external project stakeholders. He has a diverse project background and specializes in education, park, recreation and sports projects.

ARCHITECT

Greg Galieti,
AIA, LEED AP

EDUCATION
Bachelor of Architecture,
University of Cincinnati, 1979

REGISTRATIONS
Registered Architect, OH, IN, KY, MI, NY, PA, TX

LEED Accredited Professional,
U.S. Green Building Council

*Work performed with previous firm

- **Camp Atterbury, Military Department of Indiana.*** Serving as PM/designer, the project was configured for a maximum of 235 guardsmen. This expansion to an existing training center utilized moveable partitions and could be configured into 1-4 classrooms with state-of-the-art telecommunication ports for desktop use and strategically located to be adaptable for multiple classroom arrangements.
- **Armory and Training Site Support Barracks, Adjutant General's Office – Ohio, Ravenna, Ohio.*** PM/designer. Armory, 34,000 SF, 2-unit, 200 person. Barracks, 15,000 SF, 200 person.
- **Lorrie Yeager Regional Juvenile Center, Parkersburg, WVA, WVA Division of Juvenile Services.*** Project Manager/Designer. 11,000 SF new/4,400 SF adaptive renovation/ increase from 10 to 24 beds.
- **MS Corporate Offices, Columbus, Ohio.* Project Manager/Designer.** Office renovation.
- **Sam Perdue Regional Juvenile Center, WVA Division of Juvenile Services, Princeton, WVA.*** PM/designer. A new 2-story wing was added with maximum lines of sight from the control area. 12,000 SF new/7,000 SF existing/ increase from 10 to 24 beds.
- **Akron Fire Station No. 12, Akron, Ohio. Project Manager.** The new fire station has a 3-bay apparatus bay, 6 dormitories, captain's housing, an extensive fitness room, a meeting room, an office for police support, and miscellaneous support spaces.
- **Belmont County Correctional Institution TPU Replacement, Ohio Facilities Construction Commission, St. Clairsville, Ohio.** Project Manager/Design Manager.The new 28,000 SF Transitional Program Unit is designed to house over 100 inmates.
- **Walnut Street Offices, City of Westerville, Westerville, OH.*** Project Manager. Coordinated the renovation of Council Chambers including the implementation of bulletproof material and the construction of a safe room.

SECTION 2

QUALIFICATIONS & EXPERIENCE

LANDSCAPE ARCHITECT

Robert Sherman, RLA

EDUCATION
B.L.A. Landscape Architecture, Michigan State University, 1994

REGISTRATIONS
Registered Landscape Architect: Michigan, 2002, [redacted]

CERTIFICATIONS
Council of Landscape Architectural Registration Boards (CLARB), Council Record [redacted] 2012

Michigan Department of Transportation (MDEQ) Storm Water Management – Construction Site, Expires 2021

Mr. Sherman has more than 25 years of experience in site planning, design and construction inspection experience on various projects for local and state governmental jurisdictions, transit agencies, universities, private developers, as well as collaboration with architects, engineers and environmental scientists. Throughout the course of his career, he has designed and managed a cross-section of projects, which include land development, educational facilities, college campuses, public transit facilities, community parks, and highway landscaping.

- **Michigan DTMB Camp Grayling Aircraft Rotary Wing Aircraft Hangar, Grayling, Michigan.** Civil Designer. Supporting facilities and site improvements included site work, service utilities, including oil water separator, concrete pavement, security fencing, lighting, site grading and drainage.
- **USPFO of Michigan Battle Creek Air National Guard Base, Loading Ramp, Battle Creek, Michigan.** Civil Designer. Performed on-site assessment of 3 potential locations to construct a new free-standing loading ramp to support warehouse functions in Building 6901.
- **Michigan DTMB Camp Grayling Army Airfield, New Rail Spur, Grayling, Michigan.** Civil Designer. This was a fast track design project (3-month duration) that required the design of two rail spurs, including switches, concrete loading ramps to unload tracked and wheeled military assets from flatbed rail cars, aggregate surface parking/staging area, and security fencing at the Camp Grayling Army Airfield.
- **South Bend Armed Forces Reserve Center, Addition/ Alteration Project, South Bend, Indiana.** Landscape Architect. 80,000 SF Addition/Alteration project at the South Bend Armed Forces Reserve Center (AFRC) for the Indiana Army National Guard.
- **Taylor Armory Modifications, Michigan DTMB, Taylor, Michigan.** Landscape Architect. This project included facility upgrades that included installation of a 15,000-gallon aboveground fuel tank, expansion of the security fencing, repairs to the vehicle wash rack and installation of a canopy over the wash rack, installation of a 50 foot by 100 foot cold storage building, and site grading and storm drainage systems.
- **Paw Paw River Sea Lamprey Barrier, U.S. Army Corps of Engineers Preliminary Design Analysis, Van Buren County, Michigan.** Landscape Architect responsible for site layout, grading, design, and preparation of construction details for the new canoe portage. This project included preparation of construction documents from low head dam to sea lamprey reproduction by stopping sea lamprey runs.
- **Lincolnway West Road Relocation, St. Joseph County Airport Authority, Indiana.** Landscape Architect. Assisted with the landscape planting design improvements for roadside plantings along the relocated Lincolnway West, including the entrance to the South Bend Regional Airport.

SECTION 2

QUALIFICATIONS & EXPERIENCE

ADA COMPLIANCE

Stephen Metzer

AICP, PWS

EDUCATION

B.S. Biology, Central Michigan University, 1986

ADA WEBINARS/TRAINING

National ADA Symposium:

- Pittsburgh, PA, 2018
- Chicago, IL, 2017
- San Antonio, TX, 2013
- Indianapolis, IN, 2012

Proposed Guidelines for Pedestrian Facilities in the Public Right-of-Way, 2011

Special Session - "Notice of Proposed Rulemaking on Accessibility Guidelines for Public Rights of Way", 2011

DOJ's 2010 Americans with Disabilities Act (ADA) Accessibility Standards, ADA National Network and the U.S. Access Board, 2010

Accessibility in the Public ROW, MDOT Transportation Bonanza 2, 2010

CERTIFICATIONS

American Institute of Certified Planners, 2001, [redacted]

Professional Wetland Scientist Society of Wetland Scientists, 1995, [redacted]

Certified Construction Site Storm Water Management Operator, MDEQ, [redacted]

Mr. Metzer is responsible for managing planning, biological, ecological, and site civil/landscape architecture projects. One of his specialties is ADA compliance studies. Mr. Metzer has been involved with Americans with Disabilities Act (ADA) accessibility tasks for many travel routes (sidewalks, trails, etc.), parking lots, buildings, businesses, and transit stops. He has managed or been involved in nearly every ADA project at DLZ, which includes evaluations of over 100 parks, hundreds of miles of sidewalks, thousands of curb ramps, and hundreds of buildings and parking lots. Mr. Metzer is DLZ's lead ADA Specialist and trains our staff as well as clients on the various ADA requirements and design standards. His experience and expertise includes extensive knowledge of the 2010 ADA Standards for Accessible Design and the Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way (ROW) (dated July 11, 2011), which will be the enforceable standard for ROW facilities upon adoption. He has attended a number of training courses and participated in dozens of webinars on ADA compliance topics provided by the ADA National Network. He has presented at numerous conferences and seminars on various ADA topics and authored or been quality control reviewer on dozens of ADA Transition Plans.

- **Indianapolis Zoo ADA Accessibility Review, Indianapolis Zoological Society, Indianapolis, Indiana.** Project Manager.
- **Blount County ADA Self-Evaluation and Transition Plan, Maryville, Tennessee.** Project Manager.
- **City of Alcoa ADA Self-Evaluation and Transition Plan, Alcoa, Tennessee.** DLZ Project Manager.
- **City of Gatlinburg ADA Self-Evaluation and Transition Plan, Gatlinburg, Tennessee.** Project Manager.
- **City of Perrysburg ADA Compliance Review, Perrysburg, Ohio.** Project Manager.
- **Detroit Metro Airport McNamara Terminal ADA Compliance Evaluation, Wayne County Airport Authority, Detroit, Michigan.** Project Manager.
- **Wayne County Facilities Assessment, Wayne County, Michigan.** ADA Specialist.
- **Indianapolis International Airport ADA Compliance Review, Indianapolis Airport Authority, Indianapolis, Indiana.** Project Manager.
- **City of Huntington ADA Self-Evaluation and Transition Plan, Huntington, Indiana.** Project Manager.
- **City of Dayton ADA Self-Evaluation and Transition Plan, Dayton, Ohio.** Project Manager.

SECTION 2

QUALIFICATIONS & EXPERIENCE

STRUCTURAL ENGINEER

Corey Van Luchene

PE, SE

EDUCATION

B.S. Civil Engineering, Valparaiso University, 1998

REGISTRATIONS

Professional Engineer:

Indiana, 2003, [redacted]
Ohio, 2003, [redacted]
Kentucky, 2005, [redacted]
Michigan, 2004, [redacted]
Wisconsin, 2012, [redacted]
Washington DC, 2018, [redacted]
Delaware, 2018, [redacted]
Maryland, 2019, [redacted]
Missouri, 2019, [redacted]
Minnesota, 2019, [redacted]

Structural Engineer:

Illinois, 2006, [redacted]

CERTIFICATIONS

Certified Bridge Inspection Team Leader, INDOT, [redacted]

Certified Complex Bridge Inspection Team Leader, [redacted]

NHI Safety Inspection of In-Service Bridges - Two Week Certification Course (1999) and 3-day Refresher Course (2019)

Mr. Van Luchene provides structural engineering design services for various building and non-building structures. He has worked on projects owned by state, county, and local municipalities. His experience has involved him with the design of steel, concrete, wood, cold-formed metal framing, and masonry structures.

In addition to design services, Mr. Van Luchene has been involved with the inspection of existing structures, construction administration, structural project manager, bridge inspection, and design. He has also been responsible for developing hydraulic models for various bridges over waterways.

- **Indiana Army National Guard South Bend Armed Forces Reserve Center Addition/ Alteration.** Structural Engineer of Record.
- **Mackey Arena Complex Renovation and Addition, Purdue University, West Lafayette, Indiana.** Project Manager/Structural Engineer.
- **Indianapolis International Airport, New Midfield Terminal Expansion, Indianapolis, Indiana.** Structural Engineer.
- **Grayson County Detention Center Expansion, Grayson County, Kentucky.** Structural Engineer of Record.
- **Kalamazoo Public Safety Station No. 2**, Kalamazoo, Michigan. Structural Engineer of Record.
- **Barton Malow-Midland Tool Renovation, Calumet City, Illinois.** Structural Engineer of Record.
- **Van Buren County Jail Addition and Renovation, Van Buren County, Michigan.** Structural Engineer of Record.
- **NICTD Michigan City Maintenance Building Infill, Michigan City, Indiana.** Structural Engineer of Record.
- **Thunder Bay Transportation Authority, New Transportation Facility, Thunder Bay, Michigan.** Structural Engineer of Record.
- **Public Safety Answering Point Consolidation (PSAP) Project, St.** Joseph County, Indiana. Structural Engineer of Record.
- **Calhoun County Road Department, Chemical Storage Facility, Marshall, Michigan.** Structural Engineer of Record.
- **Carrier Annex Addition, Green Bay P/DC Facility, USPS.** Structural Engineer of Record.
- **Bird Watching Tower, Indiana Dunes State Park, Indiana.** Structural Engineer of Record.
- **South Bend Fire Department Headquarters and Central Station, South Bend, Indiana.** Design Engineer.

SECTION 2

QUALIFICATIONS & EXPERIENCE

MECHANICAL ENGINEER

Marvin VanMeter

PE, LEED AP, CXA

EDUCATION
B.S. Mechanical Engineering, University of Missouri, 1982

REGISTRATIONS
Professional Engineer
New York, 1988, [redacted]
Ohio, 1992, [redacted]
Michigan, 1997, [redacted]

CERTIFICATIONS
Certified Commissioning Agent, 2013, [redacted]
LEED AP, 2006
Society of Fire Protection Engineers, Member, Certification [redacted]

Mr. VanMeter has 33 years of experience in managing the design and preparation of plans and specifications for heating, ventilation, air conditioning, and plumbing and fire protection systems for various projects including commercial, institutional, and industrial buildings. He is well versed in the design of chillers, boilers, VAV systems, air handling units, hot water heat, steam distribution, rooftop units, fire protection systems, plumbing facilities, and site utilities. Projects have included replacing facility security access systems, fire alarm systems, upgrading digital energy management systems, tenant-specific remodeling, emergency generators, underground storage tanks, and clean rooms and pharmaceutical production facilities.

- **Deer Creek Ground Source Heat Pump Systems, Mt.** Sterling, Ohio, USACE Huntington District, West Virginia. Project Manager/ Lead Mechanical Engineer.
- **Renovation for the Vehicle Maintenance Facility, Solid Waste Authority of Columbus, Ohio.** Senior Project Manager/ Lead Mechanical Engineer.
- **Mechanical Improvements, Army Reserve Center, Brockton, Massachusetts.** Project Manager/ Lead Mechanical Engineer.
- **Food Processing Lab Expansion, U.S. Army Soldier Systems Center, USACE, New England District, Natick, Massachusetts.** Lead Mechanical Engineer.
- **TAIL Lab, Detroit Army Tank Plant, Detroit, Michigan, USACE, Louisville District.** Lead Mechanical Engineer.
- **Base-wide Fire Alarm System, U.S. Army Soldier Systems Center, USACE, New England District, Natick, Massachusetts.** QC/QC.
- **Ft Wayne P&DC, USPS Ft.** Wayne, Indiana. Mechanical Engineer.
- **Compressed Natural Gas Fueling Station and Building Renovations, City of Columbus, Fleet Management Facility, Columbus, Ohio.** Senior Project Manager/Lead Mechanical Engineer.
- **Renovation for the Fairwood Vehicle Maintenance Facility, City of Columbus, Columbus, Ohio.** Senior Project Manager/ Lead Mechanical Engineer.
- **CNG Fueling Station, Morse Road, Columbus, Ohio.** Project Manager/Lead Mechanical Engineer.
- **Police and Court Facility, Marysville, Ohio.** Lead Mechanical Engineer.
- **Physical Exam Center, Camp Atterbury, Edinburgh, Indiana.** Mechanical Engineer.
- **Franklin County Government Center Group A-Concourse Connector Project Tunnel, Columbus, Ohio.** Mechanical Engineer.

SECTION 2

QUALIFICATIONS & EXPERIENCE

ELECTRICAL ENGINEER

Micahel Krizman, EI

EDUCATION

B.S. Electrical Engineering, Rose-Hulman Institute of Technology, 2010

REGISTRATIONS

Engineering Intern, Indiana, [redacted]

Mr. Krizman has served a range of clients while designing electrical systems for new facilities, renovations and additions across multiple business sectors. His experience includes work within airports, office buildings, correctional facilities and municipal facilities of various sizes and uses. Mr. Krizman is responsible for the design of low voltage power and lighting systems as well as coordination for data, security, fire alarm and controls systems. He has eight years of experience in the Defense and Homeland Security sectors designing power systems to support new radar and screening equipment installations. In addition to design work, he has experience with construction management and materials estimating, procurement and tracking.

- **Camp Atterbury Barracks Restoration, Edinburgh, Indiana.** Electrical Engineer.
- **Digital Air Surveillance Radar (DASR) Program, Department of Defense, U.S.** Electrical Engineer.
- **Standard Terminal Automation Replacement System (STARS), Federal Aviation Administration, U.S.** Electrical Engineer and Configuration Manager.
- **Gerald R. Ford International Airport Police and Badging Office Relocations, Grand Rapids, Michigan.** Electrical Engineer.
- **Electronic Baggage Screening Program (EBSP), Transportation Security Administration, U.S.** Electrical Engineer and Project Manager.
- **Vigo County Sheriff's Office and Jail, Terre Haute, Indiana.** Electrical Engineer.
- **Macomb County Department of Roads Vehicle Maintenance Garage, Clinton Township, Michigan.** Electrical Engineer.
- **Michigan City Sanitary District Facility Upgrades, Michigan City, Indiana.** Electrical Engineer.
- **Marion Street Parking Garage, Elkhart, Indiana.** Electrical Engineer.
- **Elkhart Waste Water Treatment Plant, Elkhart, Indiana.** Electrical Engineer.
- **Leeper Park Improvements, South Bend, Indiana.** Electrical Engineer.
- **Mishawaka Penn Harris Public Library, Mishawaka, Indiana.** Electrical Engineer.

PROJECT MANAGER
Eric Ratts, AIA

CONTACT
Major William Boehmer.

Assistant Base Civil Engineer

812.526.1584

PROJECT TYPE
Addition/Design

PROJECT GOALS
- Capacity
- Compact Building Design

COST
$592,863

COMPLETION DATE
2004

EDINBURGH, INDIANA

CAMP ATTERBURY PHYSICAL EXAM CENTER

DLZ was commissioned by the USPFO of Indiana to provide architectural and engineering design services for an Addition to the Physical Exam Center at Camp Atterbury. This new facility added capacity to the existing 6,076 S.F. Physical Exam Center.

This new 5,194 S.F. addition included a large waiting room, 5 new general exam rooms, 1 vision exam room, 1 hearing exam room, 2 dental exam rooms, 1 EKG room, 1 Lab, a blood collection room and 4 new restrooms. The size of the new addition was carefully limited to result in a building under the size limit for a building without fire sprinklers. Corridors were fire-rated for this reason. The waiting room featured a higher ceiling and was designed to seat 150 due to the large number of people returning to the base only on weekends to be examined per military requirements. The X-ray machines at that time were still considered dangerous and the safety of the x-ray room had to be proved with shielding calculations done by a consulting physicist.

The new design incorporates a concrete slab on grade, wood-framed walls with split-face concrete unit masonry veneer supporting 6/12 slope wood roof trusses covered with wood deck and composition asphalt shingle roofing. Operable windows were specified. Flooring selected was broadcast quartz resinous flooring with an integral cove base extending 4" high for ease of cleaning. Corridor walls were designed to withstand heavy traffic without damage by incorporating a 42" high wainscot. Doors and door frames were designed with steel.

SECTION 2

QUALIFICATIONS & EXPERIENCE (PAST PROJECTS)

PROJECT MANAGER
Eric Ratts, AIA

CONTACT
Major William Boehmer.

Assistant Base Civil Engineer

812.526.1584

PROJECT TYPE
New Construction

PROJECT GOALS
- Capacity
- Compact Building Design

COST
$562,700

COMPLETION DATE
2007

EDINBURGH, INDIANA

CAMP ATTERBURY NEW DENTAL CLINIC

DLZ was commissioned by the USPFO of Indiana to provide architectural and engineering design services for a new Dental Clinic at Camp Atterbury. This new facility added capacity to the existing Physical Exam Center, another DLZ project.

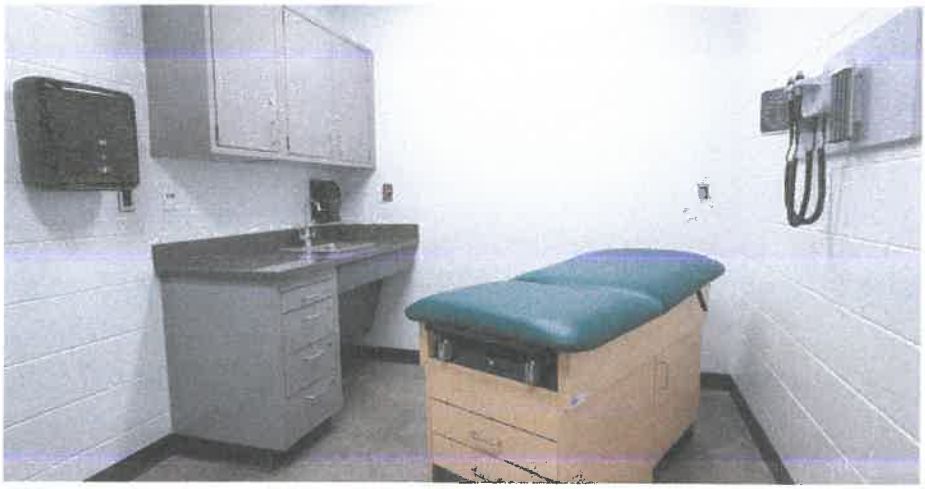
This new 3,200 S.F. building was designed to seat 8 patients and the dentists and personnel who man the stations. The most important rooms are the two that each house 4 dental chairs. Only one room will be fully functional at the beginning, leaving the second room for future growth potential with all the utilities roughed in below the floor slab for the future chairs. Flooring selected for the dental rooms is broadcast quartz resinous flooring with an integral cove base extending 4" high for ease of cleaning. A private office area is included for the dentists along with private changing areas and restrooms.

The proposed design also includes a PANO Room, Sterilization room and adjacent Laboratory. A new waiting room for the public with adjacent restroom and adjacent NCOIC office is also included.

The new design incorporates split-face concrete unit masonry walls and standing seam metal roofing. Outdoor cover was provided to protect the personnel from the elements at the walkway between the two buildings. Operable windows were specified.

SECTION 2

QUALIFICATIONS & EXPERIENCE (PAST PROJECTS)



PROJECT MANAGER
Eric Beaulieu, AIA, LEED AP

CONTACT
Ms. Linda Rensland

616.632.7602

PROJECT TYPE
New Medical Wing

PROJECT GOALS
- Capacity
- Schematic Design
- Budget and Schedule

COST
$18,500,000

COMPLETION DATE
2019

GRAND RAPIDS, MICHIGAN

KENT COUNTY JUVENILE DETENTION CENTER

Portions of the Kent County Juvenile Detention Center were well beyond their useful life with regards to building infrastructure and its ability to appropriately address juvenile justice treatment concepts, security, safety, and programming flexibility.

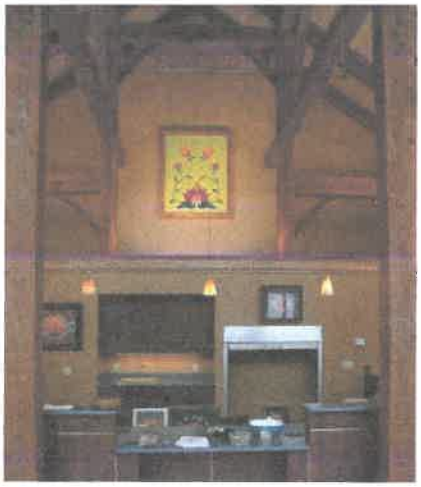
The project involved providing a new medical wing, with three exam rooms, clean and soiled utility, prescription storage, and doctor's offices, replacing three (3) existing housing units with seven (7) new housing units, including a new 8-bed Special Housing Unit, increasing the total bed capacity of the facility from 69 to 98. The space program also includes a new Indoor Recreation Gym, new Central Control, additional Classrooms, Central Laundry, renovated Intake/Booking, renovated Staff Locker Rooms, and expanded Visitation Room. In addition, the project included relocation of treatment programs and juvenile court services into a renovated building located on the adjacent property, at 1565 Cedar Street.

The project included demolition of 33,000 square feet of existing court services and housing units; addition of 44,000 square feet of new housing units, indoor recreation, classrooms and a new medical unit; and renovation of 15,000 square feet of existing space for locker rooms, intake/booking, visitation, and other ancillary programs.

The project used a highly collaborative Integrated Project delivery (IPD) method with Granger Construction. Granger was brought on as the Construction Manager during the schematic design phase of the project and has been an integral partner throughout the entire project. The project budget and schedule were established at the onset and to-date the DLZ/Granger Team has been able to successfully deliver the project under budget and is scheduled to complete the project prior to the targeted delivery date.

SECTION 2

QUALIFICATIONS & EXPERIENCE (PAST PROJECTS)



PROJECT MANAGER
Eric Beaulieu, AIA, LEED AP

CONTACT
Ms. Laura Spurr

Tribal Council Chairperson

(269) 729-5151

PROJECT TYPE
New Health Center

PROJECT GOALS
• Revitalize Tribal Community

COST
$1,384,110

COMPLETION DATE
2008

FULTON, MICHIGAN

NOTTAWASEPPI NEW HEALTH CENTER FACILITY

DLZ was contracted to provide professional services for the design and construction of a new Health Center to support the Tribe in its efforts to revitalize and strengthen the Tribal Community. The project was completed in two phases utilizing federal funding of the Indian Health Services (I.H.S.) for interior development, and Housing and Urban Development (H.U.D.) for the building shell.

The project had to be completed and operational by January 2008 as a requirement of these federal fund sources. It was imperative to blend the building's location, orientation, and materials with the surrounding context to achieve a timeless design that responds to the heritage of the Tribe. The Health Center is physically, culturally and psychologically sensitive, as well as being outfitted with energy-efficient mechanical and electrical systems. The Health Center building achieved a Leadership in Energy and Environmental Design (LEED) silver level rating in April 2009.

PROJECT MANAGER
David Evans, AIA, LEED AP BD+C

CONTACT
Mr. Chris Kulhanek
Project Director
517.284.7920

PROJECT TYPE
New Construction

PROJECT GOALS
- Security
- Reduce Cost
- Bid Alternatives

COST
$4,000,000

COMPLETION DATE
Anticipated 2021

GRAYLING, MICHIGAN

Camp Grayling Army Airfield Rotary Wing Aircraft Hangar

In order to provide protection for rotary wing aircraft during severe/inclement weather, Camp Grayling is in need of a hangar capable of accommodating either two UH-60 Blackhawk helicopters or one CH-47 Chinook Helicopter. The scope of this project will include:

- Site Improvements
- Aircraft Bay
- Support/Administrative Wing

The project will be executed within the framework of the Michigan DTMB's standard services for the following Phases:

- Phase 100 – Study
- Phase 200 - Program Analysis
- Phase 300 – Schematic Design
- Phase 400 – Preliminary Design
- Phase 500 – Final Design
- Phase 600 – Construction Administration, Office Services
- Phase 700 – Construction Administration, Field Services

The project is approximately 18,000 square feet including an aircraft storage bay, office, latrines, parts storage, and mechanical space. The building will be a pre-engineered metal building structure.

SECTION 2

QUALIFICATIONS & EXPERIENCE (PAST PROJECTS)

PROJECT MANAGER
Marvin VanMeter

CONTACT
Mr. Wayne Raby
Base Architect
765.688.4569

Mr. Robert Schroeder
Prime Engineering
Operations Manager
614.839.0250

PROJECT TYPE
Renovation

PROJECT GOALS
- LEED Certified
- Improved Air Quality

COST
$867,000 (DLZ Portion)

$2,390,000 (Construction)

COMPLETION DATE
2010

GRISSOM, INDIANA

Grissom Air Reserve Base Vehicle Maintenance Repair

As a subconsultant to Prime Engineering, DLZ was responsible for the plumbing, mechanical, electrical, and technology improvements for this LEED registered project, a 26,800 S.F. vehicle maintenance facility. Our scope of engineering services included field verification of systems and equipment and design documents (plans and specifications) for proposed improvements. New men and women shower, locker, and restroom areas were provided. Ventilation systems included overhead and underfloor vehicle tailpipe exhaust systems, general shop area wall, roof, and ducted ventilations systems. A new electrical service switchgear panel was provided along with proper grounding. A new communication demark room was provided for the telephone and data distribution.

PROJECT MANAGER
Eric Ratts, AIA

CONTACT
LTC Martin A. White
BCE/Commander
812.877.5284
martin.white@ang.af.mil

Veronica C. Ernstes
(2007-2008)
Contracting Officer
317.247.3154
Veronica.ernstes@in.ngb.army.mil

LTC Randy W. Singleton (2009)
Contracting Officer, Type C
Services
Randy.w.singleton@ng.army.mil

PROJECT TYPE
Renovation

PROJECT GOALS
- LEED Silver
- ATFP Measures

COST
$3,570,800

COMPLETION DATE
2012

TERRE HAUTE, INDIANA

Hulman Field ANG Air Support Operations Squadron (ASOS) Beddown

DLZ was commissioned by the USPFO of Indiana to provide architectural and engineering design services for building renovations and additions on three existing hangars located at Hulman Field Air National Guard Base in Terre Haute, Indiana. ASOS maintains mission-ready air support operations personnel, radios, vehicles and mobility equipment deployable worldwide. An ASOS facility must support office administrative functions, group training, vehicle maintenance and minor repair, aerospace ground equipment (AGE) maintenance, radio and communications equipment maintenance and storage. Two of the buildings were designed to meet requirements for LEED Silver certification.

These hangars were remodeled into administrative office and a storage facility. The User Group selected one of the five building layout options presented and the design was developed. The hangar doors were removed and replaced with a new building addition. The entire exterior envelope of the existing structure was replaced with a new metal roof system, metal wall panels, doors and windows insulated to meet the state energy code and ANG guidelines. The sloped floor in the hangar bay was leveled and new interior walls were erected independent of the existing building structure.

The existing infrared heaters, standing unit heaters serving the Engine Maintenance Shop area and the split system HVAC units serving the existing office areas were removed, salvaged and returned to the Owner. Existing gas-fired boilers were replaced with new, more efficient gas-fired boilers. The site design included a standoff of 25-meters out from the building to meet Anti-Terrorism standoff requirements for this "primary gathering building".

PROJECT MANAGER
Eric Beaulieu, AIA, LEED AP

CONTACT
CPT John Lubbe
317.247.3300
Ext. 4700

PROJECT TYPE
Addition/Renovation

PROJECT GOALS
- LEED Silver
- ATFP Measures

COST
$21,500,000

COMPLETION DATE
2016

INDIANAPOLIS, INDIANA

South Bend Armory Additon/Renovation

DLZ was commissioned by the Military Department of Indiana to provide architectural and engineering design services for an 100,000 S.F. Addition/ Alteration project at the South Bend Armed Forces Reserve Center (AFRC) for the Indiana Army National Guard. The project scope of work includes approximately 60,000 S.F. of renovation and approximately 40,000 S.F. of new construction, including a new Vehicle Maintenance Building. The building program includes Training Classrooms, Administrative Offices, a Tactical Operations Center, Kitchen, Break Room, Fitness Room, Locker Rooms, and Storage.

The project also includes a significant amount of site development on the 25-acre site including parking and circulation, pervious pavements, military tactical vehicle storage, security fencing, Anti-terrorism Force Protection (ATFP) measures, bio-retention, grading and coordination of storm water drainage, landscape planting, irrigation, site utilities, water distribution, and power distribution.

In addition, the project also includes significant upgrades of the existing mechanical, chilled water, plumbing, and electrical systems as well as replacement of the roofing systems and improvements to the exterior envelope of the building.

The upgrade of the existing mechanical system includes a geothermal ground loop to provide the heating and cooling for the building's new water-source heat pump system. The ground loop consists for 140 vertical bores that are approximately 280' deep each. The vertical bore field is approximately 1.5 acres. The geothermal loop is designed for 200-tons of cooling.

PROJECT MANAGER
Scott Laubenthal

CONTACT
TSgt Robert Austin
Contracting Division
586.307.2866

PROJECT TYPE
Renovation

PROJECT GOALS
- Design Aesthetics
- Security

COST
$1,023,400

COMPLETION DATE
2003

SELFRIDGE ANG BASE, MICHIGAN

Selfridge ANG Base Repair Squadron Operations Facility

The intent of this project was to improve the function of Building 17, which had experienced several quickly constructed alterations to accommodate functional changes in converting from an F-16 Fighter Operations Center to a KC-135 Refueling Operations Center. Various repair actions were required to bring this facility to acceptable standards to commensurate with an Air Force Reserve Squadron Operations building.

The appearance and maintainability of the original structure needed to be upgraded as a part of an overall improvement plan for the administration and command functions of the 63rd Air Refueling Squadron and the training of assigned reservists to meet the Air National Guard's Vision 2010 requirements. The resultant floor plan took into consideration the new crew sizes of KC-135 aircraft as well as the consolidation of various Operations personnel currently located in other facilities.

This project was a major overall renovation with a complete gutting of the 15,700 S.F. facility that included finishes and systems. A new heating, ventilation and air conditioning system was installed at locations remote from aircraft exhaust fumes. The existing lock security system was modified and a new stand-alone fire alarm system was installed throughout the facility. Interior design included finishes and furniture.

PROJECT MANAGER
Eric Ratts, AIA

CONTACT
COL Steven R. Hines
317.247.3127
steven.hines1@us.army.mil

PROJECT TYPE
Renovation

PROJECT GOALS
- Reduce Maintenance
- Improve Interior Environment

COST
$50,000,000

COMPLETION DATE
2012

INDIANAPOLIS, INDIANA

Muscatatuck Urban Training Center

As part of the USPFO Department of Indiana Indefinite Delivery Agreement, DLZ has provided A, B, and C services for multiple buildings and site improvement projects.

CONVERT BUILDING 15 LOWER LEVEL FOR CLASSROOMS: The existing building currently houses two levels of dormitory over one level of support spaces. A list of improvements to this building were recommended in a previous project, but not implemented due to a change in the scope of that project. These improvements included reroofing, new roof drains, masonry restoration, tuckpointing, replacement of sealant joints and replacement of selected windows. One of the goals of this project was to try to incorporate as many of these recommendations as the budget would allow. Another goal of this project was to bring the entire building up to current code requirements, including the energy code.

SUSTAIN AND RESTORE 26 BUILDINGS: The objectives of this project are to stop deterioration and restore 26 different buildings, totaling 358,854 S.F. at the Muscatatuck Urban Training Center, Butlerville, Indiana, and make them safe for training exercises.

SUSTAIN AND RESTORE 19 BUILDINGS: At the time the majority of the facilities were constructed, asbestos was a material commonly used for insulation, floor tile and even in the mix of plaster. DLZ first determined the nature and extent of the problems and then quantified the solutions to determine the cost of needed repairs. Deterioration of these buildings was being caused by the sun, wind, rain and freeze-thaw cycles. The objective is to make the buildings safe for training exercises.

SECTION 2

QUALIFICATIONS & EXPERIENCE

REFERENCES

DLZ is committed to engineering excellence and cost-effective solutions, which are the cornerstone of the firm's reputation as a leader in architecture/engineering. We encourage the Selection Committee to contact our references regarding our performance on contracts with respect to cost control, quality of work, and compliance with schedules.

> *"The Indiana National Guard has a long and lasting relationship with DLZ. We have found their **TEAMWORK, INDUSTRY LEADERSHIP, AND PROFESSIONALISM** to be extremely instrumental in our planning and construction endeavors. We have maintained a 25-plus year relationship with DLZ, working together and supporting our growth in over $200 million of construction work.*
>
> *- COL Steven R. Hines, Indiana CFMO*

> *"I have worked with DLZ over the past few years on the Food Lab Expansion and Renovation and the New Thermal Test Facility. On both projects DLZ has performed at the highest level of professionalism. DLZ successfully meets extremely **TIGHT DESIGN SCHEDULES AND CRITICAL DEADLINES.** DLZ truly sets the bar for the highest level of architecture and engineering.*
>
> *- Mr. Gary C. Pacitto, U.S. Army Soldier Systems Center, New England District Corps of Engineers*

> *"Everyone from DLZ did an outstanding job from design to project completion! Their attitude towards **CUSTOMER SATISFACTION** was second to none.*
>
> *- LTC Craig E. Ash, 122 Fighter Wing Chief of Safety*

SECTION 3

PROJECT UNDERSTANDING/APPROACH

PROJECT UNDERSTANDING

The DLZ team has reviewed the Request for Expression of Interest and Addenda for the Camp Dawson Building 215 Medical Wing Renovation. As a result, DLZ understands the client's expectations, and work necessary to complete the design, bidding, and construction administration for the proposed project at Camp Dawson. As both a military airfield and a medical services project, this renovation will require a clear understanding of regulations and best practices to be successful. We look forward to discussing the project in more detail to gain further understanding of the WVANG teams goals.

DLZ PROJECT GOALS:

MEDICAL SERVICES

Medical services require unique support spaces to function properly. Our team has experience working on a range of medical spaces and understands the need for adequate clean and soiled utilities, secured prescription storage, adequately sized exam rooms, and flexible spaces for future use.

AIR QUALITY

For the safety and comfort of building occupants, it is critical to optimize air quality throughout the facility and particularly the medical spaces. Adequate filters, fresh air ventilation, and appropriate positive and negative pressure are critical components of a successful project.

ADA COMPLIANCE

Accessibility is required for all public facilities but is critically important for medical areas as occupants are often experiencing a physical limitation. Stephen Metzer, our ADA specialist, has presented at numerous conferences on ADA topics and authored dozens of ADA Transition Plans.

COST CONTROL

Budget and cost control are always a concern on projects. By identifying critical elements and goals early in the design process, our team can determine a hierarchy of needs. These will be assessed at each of the cost estimate phases, completed at 35%, 65%, and 95%.

HYGIENE & CLEANABILITY

Hygiene is a critical aspect of all medical projects. This includes the appropriate selection of materials to limit porous surfaces and seams. In addition, handwashing sinks should be provided in all nurse areas, exam rooms, and sample collection areas. Together, these concepts will limit contagion spread.

ENERGY EFFICIENCY

Energy efficiency has become an increasingly important aspect of any current building project. This is even more critical for federal projects where sustainability is a mandate. Our team will utilize LEED concepts in the design to reduce operation costs and increase efficiency.

SECTION 3

PROJECT UNDERSTANDING/APPROACH

PROJECT APPROACH

Communication

Projects of this magnitude have many and varied levels of stakeholders. Each must be communicated with effectively. Effective communication from the design team will start with our Project Manager, David Evans. He is primarily responsible to foster communication with the owner, the consultants, users and greater team. Thus his involvement with the project will occur from beginning to end.

We recognize that stakeholder support is very critical to the success of this project. It is with this in mind that DLZ presents its approach to generating awareness and building consensus among the many stakeholders that will have a vested interest in the successful completion of this project.

The consensus building efforts will focus on devising a clear decision-making process that is communicated early and often to key stakeholders. DLZ recommends that an initial meeting take place with the WV ARNG to identify stakeholders, key decision-makers, and decision-making structure.

Key Decision-Makers and Decision-Making Structure

WV ARNG officials have the statutory decision-making authority for this project - but many others will play a role in decisions. This and other organizational questions must be asked -- and answered -- at the project's outset to verify that the right people are at the decision-making table at the right time. This, in turn, must be communicated to all stakeholders to both inform them how to access the process and to manage their expectations about how their input will affect its outcome.

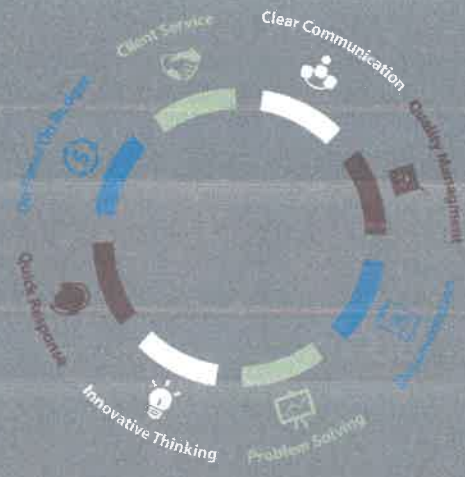
Once stakeholders and key decision-makers are identified, and a decision-making structure has been agreed upon, an overall consensus building strategy will emerge. DLZ will host an interactive workshop to encourage input from the key stakeholders on problem solving and decision-making criteria to evaluate alternatives that will be developed later. Key issues, challenges, and opportunities will also be identified at this workshop, which will both provide key input and create momentum to move the project forward.

Stakeholder Meetings

After the kick-off workshop, the design process will begin and preliminary schemes will be de veloped. As requested by WV ARNG representatives, meetings with key stakeholders will be held to solicit input from the entire group. Critical to successful stakeholder meetings, DLZ will pro vide easy to understand handouts, exhibits, and questionnaires. A brief presentation and question/

MANAGEMENT SUMMARY

DLZ utilizes a matrix management approach that establishes a Project Manager/Project Team tailored for successful project delivery of each project. With this matrix organizational structure, the Project Manager draws specialists from functional groups required to staff a team. This team reports directly to the Project Manager who maintains communication with WVARNG throughout the project, as well as follows up with the project upon completion. The Project Manager oversees design criteria, project cost controls, scheduling, preparation of document submittals, and construction administration.

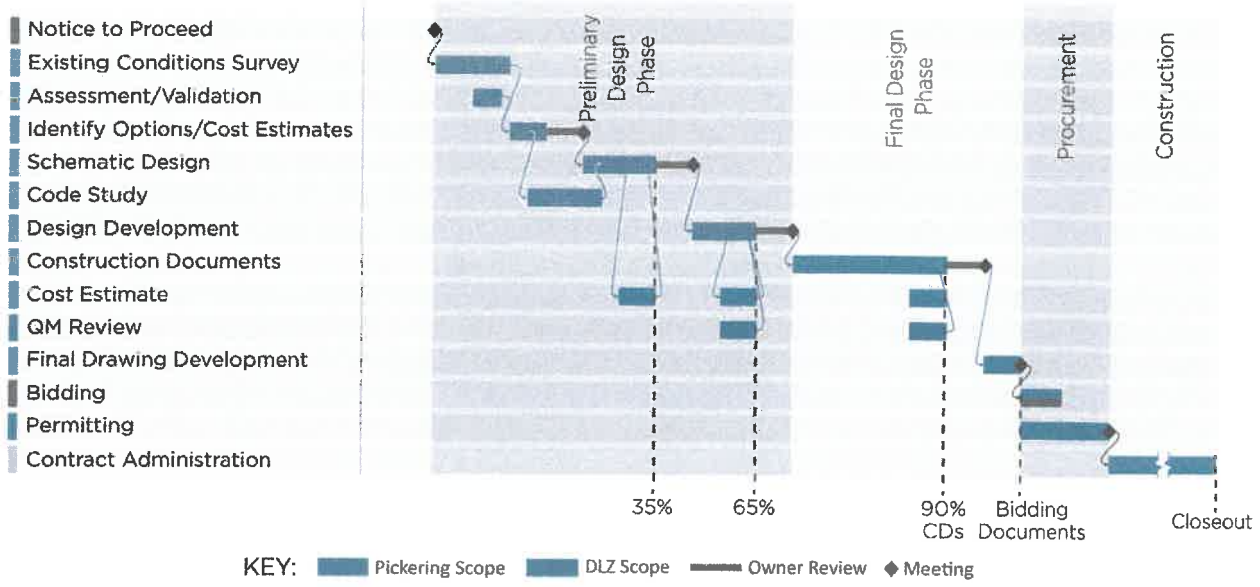


answer session will also be provided at each stakeholder meeting to give the entire group an overview and allow them to learn from each other as questions are asked and answered. Responses to the written comment forms will be summarized after the meeting so the Project Team and Project Decision-makers can review stakeholder input.

Project Team Kickoff Meeting

At the start of the project, we will have a Project Team Kickoff Meeting to focus on organizing the stakeholders and design team members, develop a project mission, list project goals, schedule a project timeline, and to define proper lines of communication.

Example Project Schedule:



Develop Building Program

There are many ways to approach a juvenile justice facility design. With our experience, we have seen various approaches to design and operations of a facility, not all work as well as others. We will share our recommendations as we review the building program together.

Understanding classification, separating prey from predator, addictions, mental health issues, movement of residents, efficiency of operations (knowing staffing is your biggest cost over the life of the facility), and types of housing approaches is critical to designing a facility.

Determine Project Budgets – Hard Construction and Soft Costs

Prior to starting design, it is critical to determine the project budgets. Hard construction costs - bid day number - and soft costs need to be identified upfront so everyone understands what is part of the project and what is not included. Over the years we have developed general category budgets for various components of a justice project. These general budgets will help to establish rough estimates.

SECTION 3

PROJECT UNDERSTANDING/APPROACH

Schematic Design

Schematic Design is when we start developing an overall vision for the design through the process of stakeholder charrettes – brainstorming ideas addressing both needs and wants in a facility design. The charrettes are a vibrant work session where we will collectively roll up our sleeves and get down to the business of developing flow patterns through the facility, addressing spatial adjacencies, analyzing housing configurations and number of beds per area, etc. It is an exciting time in the design process as it collects the thoughts of many in a short period of time, all while words and numbers on paper grow into a working design.

Our Team will also start to develop massing and blocking models to visualize how the building will be formed on the site. Overall project costs will be reviewed to make sure the project is staying on track.

Design Development

The Design Development Phase is when we begin to incorporate the building systems into the design. While reviewing the structural, mechanical, plumbing, fire protection, electrical, security, and technology systems, we will do a Life Cycle Cost comparison of various systems to analyze which system is best solution for Camp Dawson. These comparisons will be presented and discussed with the stakeholders.

We will begin to develop the specifications for the project which describe the bidding and contract requirements as well as the quality of materials, equipment, so forth. Overall project cost estimates will be updated for this phase.

Construction Documents

The Construction Documents phase is when we develop the final drawings and specifications for the sake of bidding and constructing the project. We finalize the design and develop the specific details of how to construct the facility.

During this phase, we also have a comprehensive quality review of the documents. We have established a Quality Manager for the project and their responsibility is to make sure each discipline reviews not just their own documents, but the complete set of drawings and specifications. In fact, we will have a sit down meeting with the complete Design Team that may span a few days to review sheet by sheet all the drawings and page by page of all the specification sections.

Bidding and Award

The DLZ Team will assist in the bidding phase by responding to contractor based questions, attending a pre bid meeting, participating in the bid opening, reviewing the bids submitted, and helping to prepare the owner/ Contractor standard form of agreements.

Construction Administration

The DLZ Team will provide the typical items as identified by the standard form of agreement between owner and architect. We understand there will be a Construction Manager, but we believe it is in the best interest of all parties for the Design Team to also be represented onsite part time during construction. The DLZ Team will be qualified and experienced to respond to contractor questions so to progress the project in an efficient manner.

Project Closeout

The Project Closeout phase is a critical phase. The DLZ Team will work with the Owner to ensure the project is completed per the bid document requirements. We will also review as built drawings to make sure they reflect the actual construction of the project. Operation and Maintenance Manuals will be reviewed to verify if the required documentation of materials, procedures, cleaning, warranties, etc. are included.

SECTION 3

PROJECT UNDERSTANDING/APPROACH

QUALITY MANAGEMENT/QUALITY CONTROL

DLZ utilizes a Quality Management/Quality Control (QM/QC) process in all of our work. Quality Management (QM) is the process of planning, organizing, implementing, monitoring, and documenting a system of management practices to improve the overall level of service to the client.

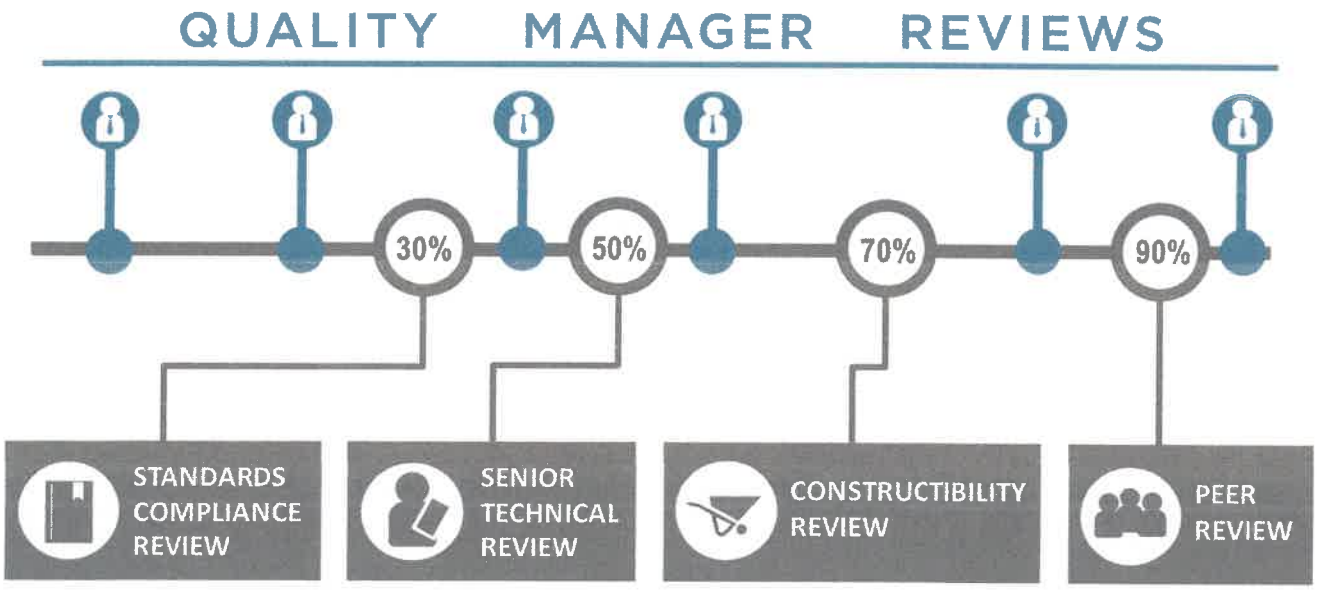
Successful QM requires an accurate understanding of the client's expectations with respect to communication, quality, schedule, budget, and specific project issues. QM begins at the proposal/contract development stage and continues beyond project completion.

TECHNICAL QUALITY CONTROL

DLZ is proud of the quality of the services that we provide to our clients. The DLZ team has a proven record of successful quality control throughout the design process.

DLZ's Quality Management program is based on four principles:

1. **Strong Leadership –** Top management is totally committed to quality in all the services we provide and the final report.
2. **Individual Responsibility –** Every member of the team is a respected contributor to the quality management effort. They are each responsible for the quality of their own work and for the overall quality of the project as a whole. We build project teams to support these concepts and emphasize dedication to the project.
3. **Constant Improvement –** We learn from every completed project. By dedicating our project team members to the entire length of a project, we are able to enhance our knowledge and experience. This allows each member to expand their knowledge and to make sure there are increased quality controls on subsequent projects.
4. **Client Orientation –** Our efforts, services, and projects are tailored to satisfy the client's needs. Our team's primary guiding principle has always been to carefully identify and understand our client's current needs, and thoughtfully anticipate their future needs.



SECTION 3

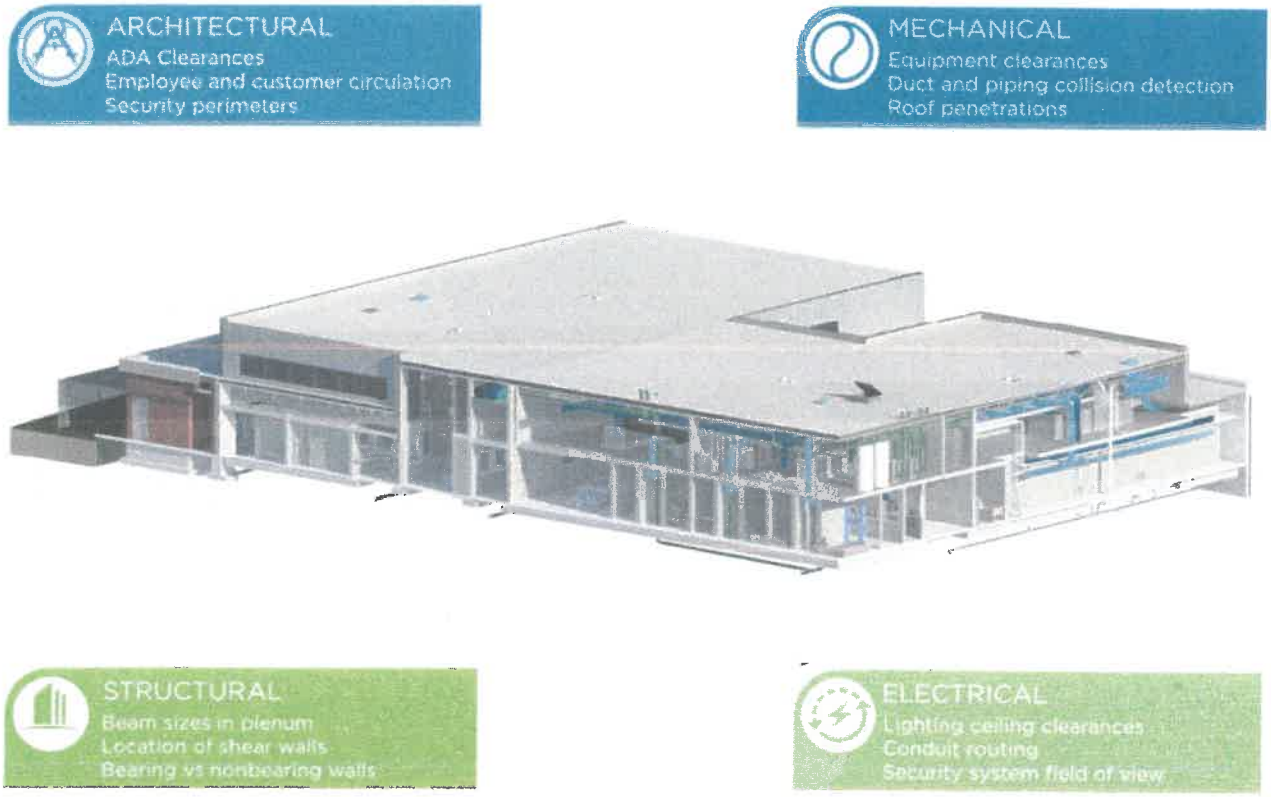
PROJECT UNDERSTANDING/APPROACH

BIM Software

DLZ will use BIM software for this project at no extra cost. DLZ has been using BIM software for many years. Since 2015, all new projects at DLZ have been started in BIM software unless requested otherwise by the client. BIM software, such as Revit, provide efficient and accurate work-flow. A central model of the project is created that contains information for all the components of the building. From this model detailed drawings can be used for construction documents, and views can be output for renderings. This integrated system helps maintain accuracy between all aspects of the project when changes are made. It also provides a quick turnover for providing new renderings helpful in making important design decisions.

Team Coordination

BIM software has the advantage of allowing multiple people to access the same file at the same time. This is critical when coordinating between different disciplines, as it allows engineers and architects to see changes made real-time. By reducing time required for coordination, the design process can take place more quickly and efficiently. In addition, collision detection between components helps reduce change orders and construction time. The entire DLZ team is familiar with this process, and have worked together on project of similar complexity

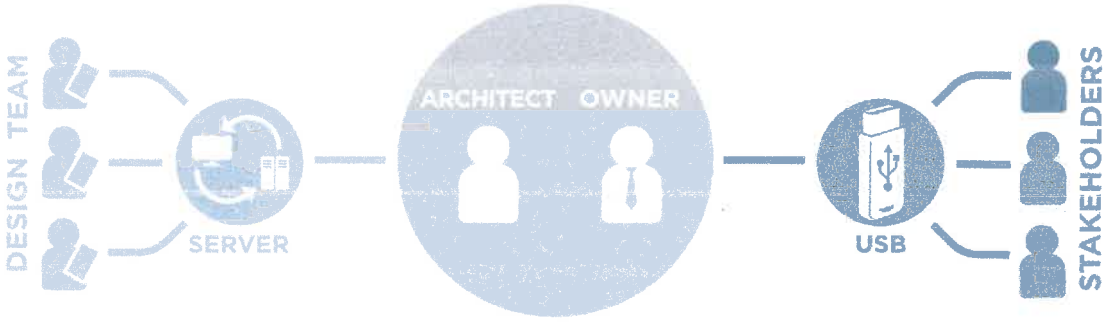


SECTION 3

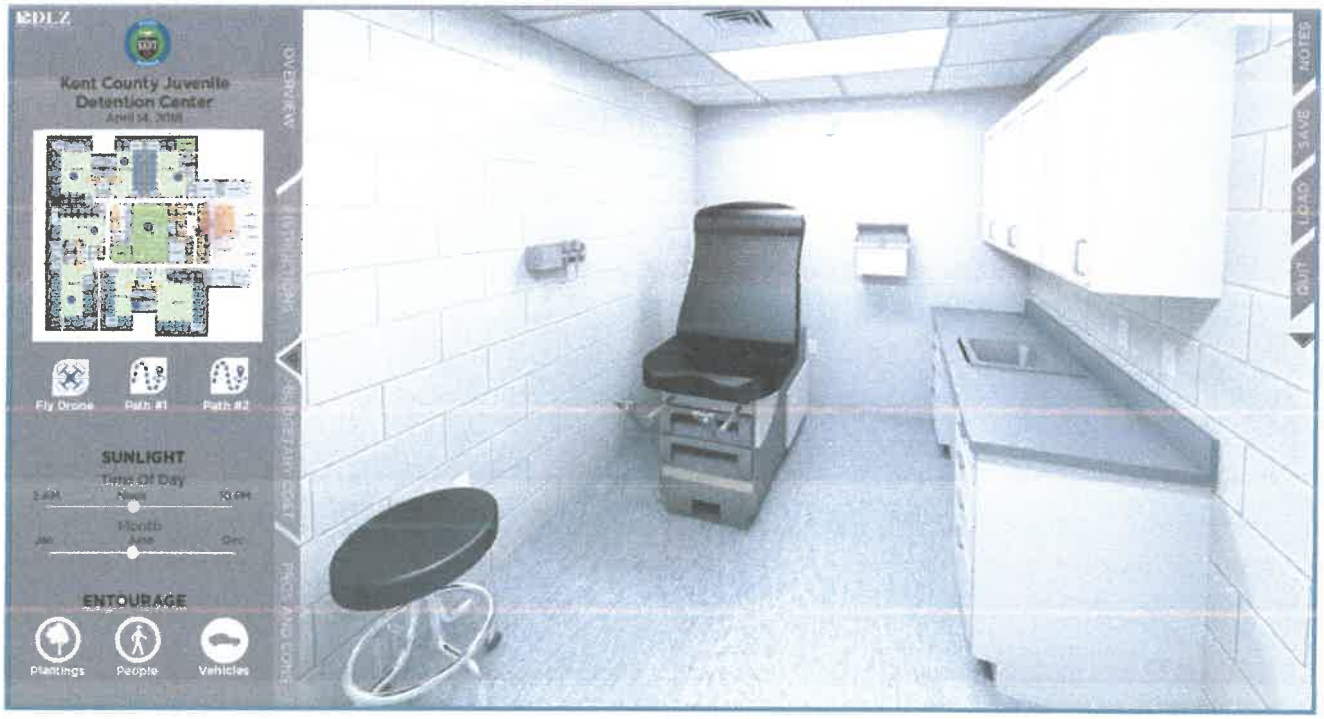
PROJECT UNDERSTANDING/APPROACH

Interactive Design Engine

To promote a more interactive design between DLZ staff and the WV ARNG team, we have developed a software that can be used by your team and stakeholders. This tool provides a 3D interactive experience and can be viewed on any computer without special software. As a result, the engine can be distributed to your team to analyze the different components of the design from any angle. This process mirrors that being used through BIM software with the design team and helps provide a more collaborative design process. This tool is fully customizable, and will be developed to meet the specific needs of the Camp Dawson project.



INTERACTIVE DESIGN ENGINE



APPENDIX 1

STAFF CERTIFICATIONS

GRETCHEN WHITMER
GOVERNOR

P067500

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF PROFESSIONAL LICENSING

ARCHITECT LICENSE

ERIC TODD BEAULIEU

LICENSE NO. [redacted]

EXPIRATION DATE
10/31/2021

AUDIT NO
3438402

THIS DOCUMENT IS DULY ISSUED UNDER THE LAWS OF THE STATE OF MICHIGAN

GBCI

GREEN BUILDING CERTIFICATION INSTITUTE

HEREBY CERTIFIES THAT

Eric Beaulieu

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCREDITED PROFESSIONAL

BY DEMONSTRATING THE KNOWLEDGE OF GREEN BUILDING PRACTICE REQUIRED FOR SUCCESSFUL IMPLEMENTATION OF THE LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN (LEED®) GREEN BUILDING RATING SYSTEM™.

LEED AP™

Chairman

March 10, 2009
Date issued

Peter Templeton, President

Ohio
arc.ohio.gov

Ohio Architects Board
Ohio Landscape Architects Board
77 South High Street, 16th Floor Columbus, Ohio 43215-6108 (614) 466-2316

State of Ohio

OHIO ARCHITECTS BOARD

CERTIFICATE OF QUALIFICATION

Be It Known That

David Burt Evans

Is hereby authorized to practice
Architecture
In the State of Ohio
Under the provisions of Chapter 4703 of the
Ohio Revised Code and Ohio Administrative Code.
This registration expires 12/31/2021 unless renewed.

Certificate No. [redacted]

THE GREAT SEAL OF THE STATE OF OHIO

Shannon R. Himes
Executive Director

LEED AP BD+C

GREEN BUSINESS CERTIFICATION INC. CERTIFIES THAT

David Evans

HAS ATTAINED THE DESIGNATION OF

LEED AP® Building Design + Construction

by demonstrating the knowledge and understanding of green building practices and principles needed to support the use of the LEED green building program.

[redacted]

CREDENTIAL ID

11 AUG 2018

ISSUED

10 AUG 2020

VALID THROUGH

MAHESH RAMANUJAN
PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL
PRESIDENT & CEO, GREEN BUSINESS CERTIFICATION INC.

LEED GREEN ASSOCIATE

GREEN BUSINESS CERTIFICATION INC. CERTIFIES THAT

David Evans

HAS ATTAINED THE DESIGNATION OF

LEED® Green Associate™

by demonstrating the knowledge and understanding of green building practices and principles needed to support the use of the LEED® green building program.

[redacted]

CREDENTIAL ID

20 JUL 2018

ISSUED

19 JUL 2020

VALID THROUGH

MAHESH RAMANUJAN
PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL
PRESIDENT & CEO, GREEN BUSINESS CERTIFICATION INC.

THE AMERICAN INSTITUTE OF CERTIFIED PLANNERS

STEPHEN G. METZER

Has qualified as a

Member

with all benefits of a Certified Planner and responsibility to the AICP Code of Ethics and Professional Conduct.

Membership Certificate Number [redacted]

July 1, 2001

President

Executive Director

The Board of Architects

of West Virginia

No. [redacted]

This Certifies that Gregory Lee Galieti of Columbus in the State of Ohio, having successfully passed an examination before the Board of Architects of the State of West Virginia, and being otherwise qualified, is hereby authorized to practice Architecture in all its branches in the State of West Virginia.

Witness the signatures of the President and Secretary of the Board of Architects of West Virginia, and the seal of said Board, this 8th day of October 1995

BOARD OF ARCHITECTS SEAL WEST VIRGINIA

President.

Secretary.

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF PROFESSIONAL LICENSING

N511726

LICENSED LANDSCAPE ARCHITECT
LICENSE

ROBERT MARTIN SHERMAN

LICENSE NO. [redacted]

EXPIRATION DATE
07/31/2020

AUDIT NO
3374201

THIS DOCUMENT IS DULY ISSUED UNDER THE LAWS OF THE STATE OF MICHIGAN

CLARB

COUNCIL OF LANDSCAPE ARCHITECTURAL REGISTRATION BOARDS

This certifies that

Robert M. Sherman

has met all the requirements for Council Certification and is therefore recommended to all Registration Authorities for registration or licensure as a Landscape Architect.

[redacted]

Council Record Number:

October 10, 2012

Certification Date:

Jenni E. Bye

President

Secretary

State of Illinois

Department of Financial and Professional Regulation

Division of Professional Regulation

LICENSE NO. [redacted]

The person, firm, or corporation whose name appears on this certificate has compiled with the provisions of the Illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below:

EXPIRES: 11/30/2020

LICENSED STRUCTURAL ENGINEER

COREY A VAN LUCHENE
COREY VAN LUCHENE
[redacted]

BRYAN A. SCHNEIDER
SECRETARY

JESSICA BAER
DIRECTOR

The official status of this license can be verified at www.idfpr.com

13315024

Cut on Dotted Line

For future reference, IDFPR is now providing each person/business a unique identification number, 'Access ID', which may be used in lieu of a social security number, date of birth or FEIN number when contacting the IDFPR. Your Access ID is: 984301

LICENSE NO. [redacted]

Department of Financial and Professional Regulation
Division of Professional Regulation

LICENSED STRUCTURAL ENGINEER

COREY A VAN LUCHENE

EXPIRES:

11/30/2020

BRYAN A. SCHNEIDER
SECRETARY

JESSICA BAER
DIRECTOR

The official status of this license can be verified at www.idfpr.com

Cut on Dotted Line

U.S. Green Building Council

HEREBY CERTIFIES THAT

Marvin Van Meter

HAS ACHIEVED THE DESIGNATION OF

LEED ACCREDITED PROFESSIONAL

BY DEMONSTRATING THE KNOWLEDGE OF GREEN BUILDING PRACTICE REQUIRED FOR SUCCESSFUL IMPLEMENTATION OF THE LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN (LEED) GREEN BUILDING RATING SYSTEM™.

Chairman

Date Issued
October 16, 2006

S. Richard Fedrizzi, President, CEO and Founding Chairman