GPD GROUP®

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Columbus, Ohio 43215

Phone 614.210.0751
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Ms. Tara Lyle
State of West Virginia
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

April 16, 2020
2X25036.07

Camp Dawson Building 215 Medical Wing Renovation
ADJ2000000006

Dear Ms. Lyle,

GPD Group (GPD) is pleased to submit this expression of interest to the State of West Virginia for professional design services. We are an employee-owned, full-service A&E firm with nearly 500+ design professionals in the region. The wide variety of experience, skills and training that our staff brings to the table enables us to provide successful, timely designs that will meet your needs.

With over 58 years of experience, GPD understands project goals, issues, and constraints on your time and budget like no other consultant. We will deliver project success by:

- Committing the leadership of Rick DeMarco as project manager. He brings over 25 years of architectural project design experience from project management through construction administration including his knowledge and experience with renovations of occupied facilities and required phasing. He has previous experience with WVARNG and has completed several projects at Camp Dawson;
- Developing a design that produces an implementable and constructable plan that considers the impact of not just pure construction costs but soft costs and other hidden costs typically associated with maintaining operations during construction, all important to developing project costs; and
- Designing secure facilities that embody the needs of the mission for which they represent. Our design plan focuses on resolving not only today's needs but also maintaining flexibility to address tomorrow's uses.

We appreciate this opportunity to submit our qualifications and welcome the possibility of working together. If you need additional information or have any questions, please feel free to contact Project Manager Rick DeMarco at 330.572.2100 ext. 8689 or rdemarco@gpdgroup.com or visit us on the web at www.gpdgroup.com.

Respectfully submitted,

GPD Group

Brian Hagemeier, PE, LEED AP
Project Principal

GPD Group

Rick DeMarco, AIA, NCARB
Project Manager

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.

GPD Group
Company

Authorized Signature

April 16, 2020
Date

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

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Brian Hagemeier
(Name, Title)
Brian Hagemeier, Principal
(Printed Name and Title)
1801 Watermark Drive, Suite 210, Columbus, Ohio 43215
(Address)
614.210.0751 / 614.210.0752
(Phone Number) / (Fax Number)
bhagemeier@gpdgroup.com
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

GPD Group
(Company)

Darrin Kotecki
(Authorized Signature) (Representative Name, Title)

Darrin Kotecki, President
(Printed Name and Title of Authorized Representative)

April 15, 2020
(Date)

330.572.2100 / 330.572.2101
(Phone Number) (Fax Number)

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Firm Overview

HEADQUARTERS

Address:
520 South Main Street
Suite 2531
Akron, Ohio 44311

Telephone:
330.572.2100

E-mail:
gpd@gpdgroup.com

Web Site:
www.gpdgroup.com

Federal ID Number:
34-1134715

Owners:
Employee-owned since 1986

Years in Business:
58

GPD Group (GPD) has been proudly providing architecture, engineering, planning, and construction services to public and private sector clients for nearly 60 years. We established roots in Akron, Ohio, in 1961 and today, through our employee ownership structure, dedication, and hard work, have grown to a firm with over 650 professionals located in 15 offices throughout the United States; nearly 500+ all located within the region.

GPD offers a comprehensive and diverse range of services within the framework of state / federal, local governments, corporate, and private agencies. We deliver value throughout the life cycle of a project with an integrated approach that capitalizes on our full service capabilities. Our mission centers on establishing long-term relationships, and our purpose focuses on shared successes and creating opportunities for future partnerships.

Full-Service

GPD is a full-service architecture and engineering firm committed to providing the highest quality architectural and engineering services. We provide professional services for projects requiring a comprehensive range of planning and design, systems engineering, technical assistance, program and construction management, and operations and maintenance services.

Employee-Owned

What does this mean for our customers? Fewer managerial barriers in the way of leading-edge design solutions, the best and brightest talent, and employees who are empowered, engaged, and excited to work on your project. We are stronger because we are united in our mission to serve our clients and the knowledge that our clients are satisfied is the true measurement of our success.

650+	150+	58+	15	1
EMPLOYEES	SERVICE OFFERINGS	YEARS IN BUSINESS	OFFICE LOCATIONS	INTEGRATED SOURCE

FEDERAL GOVERNMENT EXPERIENCE

Our business isn't just buildings and blueprints. In the federal market, it is about the mission, security requirements, phased construction, procurement methods, funding source standards, and safety in occupied facilities. At GPD, we have a dedicated team of professionals with the expertise to navigate federal processes and operations for a smooth project from start to finish.

GPD has years of federal experience performing studies, assessments, design, construction, construction monitoring for various agencies. We are knowledgeable of agency-specific design requirements, security requirements as well as Federal Acquisition Requirements for procurement. GPD has the resources and flexibility to bring federal team members to your projects providing you the expertise and experience you require.

GPD has experience designing projects with various construction delivery models such as Design-Build, Design-Bid-Build, CMa and CMR and can assist in recommendations for the best delivery model, as well as provide checks and balances safeguard expertise.

Whether it's architectural and engineering design for WVARNG, NAVFAC, GSA, NIH, and/or USACE, electrical engineering for the Federal Reserve, communications for the VA and National Security, or retail related services for AAFES at Air Force and Army facilities nationwide, we have a full design team of experts who put mission first, covering every detail to meet the
most stringent project needs.

NAICS CODES
236220, 237130, 517110, 541310, 541320, 541330, 541340, 541360, 541370, 541690, 541410, 541620

GPD Office Locations

GPD is headquartered in Akron, Ohio, and has 9 regional offices positioned throughout Ohio and the surrounding states to better serve our clients. This geographical reach and coverage will allow us to respond to your needs quickly.

AKRON
CHARDON
CLEVELAND
COLUMBUS
GARFIELD HEIGHTS
INDIANAPOLIS
LOUISVILLE
MARION
PITTSBURGH
YOUNGSTOWN

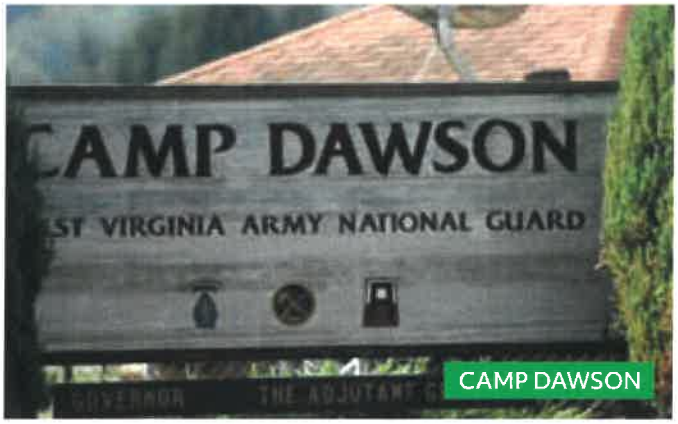
WEST VIRGINIA NATIONAL GUARD EXPERIENCE

Over the past three years, GPD has been working with WVARNG on four design and construction projects. Two of those projects were at Camp Dawson. Our experience includes the design of the sidewalks in front of the OPS building and the sidewalks, drainage and roadway design at Artillery Boulevard in front of the Multi-Purpose building and Regional Training Institute. We also were the Designer of Record on the interior remodeling of the OPS building.

Our team has been on site at Camp Dawson numerous times and are familiar with the logistics and the security requirements of the base. We also are experienced with working with the staff at the base as we have worked with 1ST Sgt. Aaron Miller and Sgt. Richard Osborne thru our involvement with the multiple projects completed for WVARNG.

Projects for WVARNG (Past 3 Years)

Project Name	Location	Building(s)	P.O.C.
MPB & OPS Bldg Sidewalks and Drainage	Camp Dawson	Multi-purpose Building and Regional Training Institute Building	1st Sgt. Aaron Miller
Ops Building Command Center Upgrades	Camp Dawson	Operations Building	2nd Sgt. Aaron Miller
Joint Forces HQ Secure Area Renovations	Joint Forces Headquarters	Armory Building	Mr. David Unrew
Repair HVAC Base Wide	Shepard Field Air National Guard Base	130, 134, 136	Sgt. Ryan Belfield



CAMP DAWSON


JOINT FORCES HQ

HEALTHCARE EXPERIENCE

GPD has spent more than 30 years helping hospitals care for their patients. Our healthcare team members come from a variety of disciplines, offering a full-service team to find solutions that meet tomorrow's standards today. We monitor the pulse of the market to adapt to the evolving needs in the healthcare industry – patient-focused care, improved day-to-day operations, modernized facilities for clinical, specialty programs, and support areas. We take care of the planning and design so that healthcare providers can focus on their primary mission – taking care of the patients.

EDUCATIONAL EXPERIENCE

GPD is committed to meeting the constantly evolving needs of teaching and learning in the 21st century. Our education-focused teams make it their mission to inspire students and facilitate learning through state-of-the-art design and technology. We work to create innovative, educational and student-centered spaces that inspire learning and support all teaching modalities. From pre-K to university, we offer master planning, design and construction, renovation, capital improvement planning, and asset renewal to meet every need.

SELECT HEALTHCARE PROJECTS

OHIOHEALTH
- MGH Main Lobby Renovations
- MGH Surgery Renovations
- MMC Internal Medicine (OPG)
- HMH Infusion and Pharmacy
- OhioHealth Primary Care Physicians (OPG)
- MH 2nd Floor Planning and N/S

THE OHIO STATE UNIVERSITY
- Arthur G. James Cancer Hospital: Gastrointestinal Oncology Clinic
- Wexner Medical Center: Doan Hall Diagnostic Laboratories and Cardiovascular Rehabilitation Unit
- Wexner Medical Center: Martha Morehouse Tower 7th and 8th Floor Renovations
- University Hospitals East Microbiology Lab

NATIONWIDE CHILDREN'S HOSPITAL
- OT / PT Department
- Administrative and Faculty Offices
- Pain Management Clinic and Infectious Disease Clinic

MOUNT CARMEL
- Bed Tower, Structural and Landscape Architecture

CLEVELAND CLINIC
- Radiology
- Infrastructure Improvements

METROHEALTH
- Comprehensive Rehab
- Broadway Health Center (Specialty Care and Family Medicine)

SELECT HIGHER EDUCATION PROJECTS

THE OHIO STATE UNIVERSITY
- Baker Systems Engineering Lecture Labs
- Bolz Hall Room 111 Renovations
- Morrill Hall Renovations
- Medical Center Renovations

NORTHEAST OHIO MEDICAL UNIVERSITY
- Medical Campus

MARION TECHNICAL COLLEGE
- Health Technologies Center

CUYAHOGA COMMUNITY COLLEGE
- Transportation Innovation Center
- Campus Wide Infrastructure Maintenance - Civil Criteria
- Creative Arts and I.T. Office Renovations
- Metro Campus Center Site Civil Design

THE UNIVERSITY OF AKRON
- Esports Lab Renovations
- Underground Vaults Phases 1 & 2
- CAS Boilers
- CWS Cooling Towers 1 & 3
- Exchange Street Residence Hall and Honors College
- Retail Tenant Build-outs

YOUNGSTOWN STATE UNIVERSITY
- Cafaro Field and North Central Parking
- Stambaugh Stadium and Moser Hall Repairs
- M1 and M2 Parking Garages
- Parking for College of Education

SERVICES

The comprehensive services offered by GPD illustrate our diverse capabilities.

Full-service capabilities and a strong commitment throughout your project's completion produce quality projects with value-engineered solutions.

- Aerial Mapping Control
- ALTA / NSPS Surveys
- Architectural Design
- Asbestos Investigations
- Audiovisual Design
- BMP
- Boundary Surveys
- Bridge Engineering
- Building Commissioning
- Civil Engineering
- Computer Modeling / 3D Modeling
- Construction Administration
- Construction Observation
- Construction Staking
- Correction Facilities Planning
- Dam Engineering
- Data and Communication Systems
- Demographics and Capacity Analysis
- Design-Build Services
- District Heating and Cooling Engineering
- Drainage and Stormwater Management
- Electrical Engineering
- Energy Analysis
- Environmental Engineering
- Environmental Studies
- Facilities Analysis
- Facilities Planning
- Feasibility Studies
- Filtration Systems
- Fire Protection Design
- Foundation Engineering
- Funding Applications
- Geographic Information System (GIS) Database Creation Analysis
- Geotechnical Services
- GPS Surveying
- Green Infrastructure Design
- Hazardous Material Assessment
- Highway Engineering
- Highway Lighting
- HVAC Design
- Hydraulic Engineering
- In-building Radio Frequency Solutions
- Industrial Process Controls
- Instrumentation Design
- Interior Design
- Landscape Architectural Design
- LEED Assessments
- LEED Certification Services
- Lighting Design
- Master Planning
- Mechanical Engineering
- NEPA Screening Documentation
- Pavement Design
- Phase I & II Environmental Site Assessments
- Planning
- Planning and Zoning Representation
- Plumbing Design
- Pole Line Surveys
- Power Distribution Design
- Power Generation Design
- Process Piping Engineering
- Programming
- Public Involvement
- Radio Frequency Engineering Services
- Rate Studies
- Right of Way Plans
- Roadway Engineering
- SCADA System Design and Programming
- Security Systems
- Siting
- Site Analysis and Design
- Site Evaluation
- Site Grading
- Slope Stability Analysis / Remediation
- Specialty Engineered System
- Spill Prevention Counter Control Measures
- Stormwater Pollution Prevention Plan
- Stormwater Quality Design
- Structural Engineering
- Sustainable / Low Impact Design
- Technology Upgrades
- Topographic Surveys
- Trail Design
- Trail Master Planning
- Traffic Engineering
- Tunnel Radio Frequency Solutions
- Utility Engineering
- Utility Infrastructure Engineering
- Value Engineering
- Value / Life Cycle Cost Analysis
- Wastewater Collection and Treatment
- Water Supply and Distribution
- Wetland Delineation
- Wetlands Mitigation
- Wireless LAN Services

Staff Qualifications

Organizational Chart

The team's organizational chart, featured below, is designed to: 1) Name the single point of contact between our team and WVARNG for this effort; 2) Identify key task leaders who are committed to delivering key services requested by the project and 3) Define additional engineering and support services available to the team, if and when required. Resumes for our key personnel, a copy of our staffing plan, and copies of our staff certifications have been provided on the following pages.

WEST VIRGINIA
ARMY NATIONAL GUARD

BRIAN HAGEMEIER
PROJECT PRINCIPAL
GPD GROUP

RICK DEMARCO
PROJECT MANAGER
GPD GROUP

KEY PERSONNEL

ARCHITECTURE

GLEN ZEISSET
Architect - Medical Design
GPD GROUP

MARK SALOPEK
Architect - Educational Design
GPD GROUP

JAMEY CHINNOCK
Interior Design Lead
GPD GROUP

ENGINEERING

GREG LAVRIHA
Mechanical Engineer
GPD GROUP

STEPHEN COOK
Structural Engineer
GPD GROUP

CHAZ ARNFIELD
Electrical Designer
GPD GROUP

BRAD STEISKAL
Commissioning
GPD GROUP

MICK WOLFORD
Technology Engineer
AEC

SUPPORT SERVICES

SITE / CIVIL

SURVEY

VR / VISUALIZATIONS

Brian Hagemeier, PE, LEED® AP

PROJECT PRINCIPAL

Brian Hagemeier has nearly 20 years of experience in managing and designing a broad array of projects including civil engineering, construction, MES engineering, surveying, and architecture. His wide spread experience and knowledge has been key as project principal in developing and organizing multi-discipline teams to achieve the required project goals. Brian has successfully managed teams for public agencies and private clients and has been instrumental on developing GPD Services (the construction arm of GPD Group) to provide construction services for the public and private sectors. Brian's attention to detail and organizational ability will ensure that the goals and objectives of the project are successfully being met. Furthermore, his responsibilities include allocating resources, monitoring team performance, and maintaining client satisfaction.

REPRESENTATIVE EXPERIENCE

Camp Dawson CC Center & OPS Building Upgrades, Kingwood, WV. *Sr. Management Lead.* This project consisted of the development of the design and construction documents for upgrades to the Command Conference Center and OPS Building at Camp Dawson Training Center. Existing office space was converted to a new communication space. The new design was required to meet the stringent guidelines for design and construction. Close coordination between GPD, SAF, Inc. and the West Virginia National Guard was required due to the security requirements for the base.

JFHQ Secure Area Design-Build, Charleston, WV. *Sr. Management Lead.* This project consisted of the development of the design and construction documents for upgrades to the JFHQ Building at Charleston, WV, National Guard. Existing storage space was converted to a new high secure communication space. The new design was required to meet the stringent guidelines for design and construction. Close coordination between GPD, SAF, Inc., and the West Virginia National Guard was required due to the security requirements for the base.

ONG, DSCC Office Building 24 Paving, Plumbing and Masonry Renovations, Columbus, OH. *Quality Control.* This project includes the renovation of the restroom facilities, including the abatement of any present hazardous materials, incorporation accessibility guidelines, replacement of all restroom finishes, replacement of all plumbing fixtures, replacement of all toilet partitions, replacement of all shut off / isolation valves, and replacement of all plumbing supply lines back to the water main located inside the main mechanical room adjacent to the restroom facilities.

Summa Healthcare System, Parking Lot Rehabilitation, Akron, OH. *Project Engineer.* GPD was tasked to provide engineering and permitting services for various parking lots across the Akron campus. The projects included re-zoning of parcels, extensive earthwork and grading, a geogrid reinforced modular retaining wall, and underground detention basins. Brian was responsible for grading, stormwater management and erosion control.

AREAS OF EXPERTISE

Large IDIQ

Governmentally Funded Projects

Capital Planning Consultants

Major Renovation, Rehabilitation, and New Construction

YEARS OF EXPERIENCE

19 Years

EDUCATION

Bachelor of Science, Civil Engineering, 2003, The Ohio State University

REG. / CREDENTIALS

Registered PE, State of Ohio, 2006

LEED Accredited Professional, 2009

Rick DeMarco, RA, AIA, NCARB

PROJECT MANAGER

Rick DeMarco is an architect with experience in leading design and construction projects across a wide variety of environments. Rick's background includes business development, project architecture, and project management oversight for multi-million dollar initiatives. Major contributions have included business development, proposal development, project design, project bidding, and construction administration for new designs and renovations. Engagements span government, public housing, education, and retail arenas with compliance to design criteria for various agencies, including LEED requirements and BIM modeling.

REPRESENTATIVE EXPERIENCE

Camp Dawson CC Center & OPS Building Upgrades, Kingwood, WV. *Project Manager.* This project consisted of the development of the design and construction documents for upgrades to the Command Conference Center and OPS Building at Camp Dawson Training Center. Existing office space was converted to a new communication space. The new design was required to meet the stringent guidelines for design and construction. Close coordination between GPD, SAF, Inc., and the West Virginia National Guard was required due to the security requirements for the base.

GSA, USCG, AJC Building Renovation, Cleveland, OH. *Project Manager.* This project involved planning, design and construction administration services for the demolition of former Navy medical / dental clinic spaces within the AJC Federal Building and the conversion to a new meeting / training center. Rick led the team of architects and engineers and was the point of contact with the GSA and construction team throughout the design and construction. Building is a high-rise with all floors being occupied with Federal tenants. Constant communication was provided by Rick with the design and construction teams with the end result being a successful project with no inconveniences to the tenants, specifically the Navy Medical Clinic directly adjacent to the project.

GSA, HMM Courthouse Building Renovation, Cleveland, OH. *Project Manager.* The projects consist of architectural design, engineering and construction administration to repair damage to the historic copper roof, modified bitumen roof, flashings and HVAC units. The design and construction was very complicated due to the historic copper roof and the complicated roof design. Rick led the team of architects and engineers and was the point of contact with the GSA and the construction team.

Army Corps of Engineers, Company Operations Center (EOD), Fort Bragg, NC. *Project Manager.* The project included the design and construction of a new readiness building including covered vehicle staging area and a fully secure paved hardstand for vehicle mobilization and storage. Services provided were full A/E design, compliance with Department of Defense design criteria, full design to meet LEED Silver and use of BIM modeling.

AREAS OF EXPERTISE

Large IDIQ

Governmentally Funded Projects

Major Renovation, Rehabilitation, and New Construction

YEARS OF EXPERIENCE

28 Years

EDUCATION

Bachelor of Architecture, 1996, Kent State University

Bachelor of Science, Architecture, 1989, The Ohio State University

REG. / CREDENTIALS

Registered Architect, State of Ohio, 1996

National Council of Architectural Registration Boards (NCARB), 1996

Glen Zeisset, RA

ARCHITECT — MEDICAL DESIGN

Glen Zeisset is an experienced architect and project manager with 20 years of experience primarily focused on a variety of healthcare, VA medical centers, and senior living projects. He has led multi-disciplined teams on very large projects as well as serving as project architect and project manager on small and medium sized projects. He offers a deep technical background balanced with planning and design experience that provides a comprehensive knowledge necessary to navigate complex projects and deliver successful outcomes. Glen has managed over $514M in healthcare facilities projects in the past 5 years.

REPRESENTATIVE EXPERIENCE

Louis Stokes Cleveland VA Medical Center, Radiology Phase 1&2, Cleveland, OH. *Project Manager / Architect.* The 6,750 sf addition contained new facilities for Radiology and Nuclear Medicine. The project added two new MRI rooms and two new PET CT rooms including associated support spaces and patient treatment spaces.

Louis Stokes Cleveland VA Medical Center, Radiology North, Cleveland, OH. *Project Manager / Architect.* The project consisted of a 16,500 sf shell space buildout and renovation for the Radiology Department. The scope included four new CT rooms, three X-ray rooms, two Fluoroscopy rooms two Angiography Rooms, four Ultrasound Sound rooms, and associated support and patient treatment spaces.

The Ohio State University Medical Center, Jameson Crane Surgical Skills Lab, Columbus, OH. *Project Architect.* The 6,000 sf project consisted of a nine station surgical skills lab for training on various specialized surgical procedures. Support spaces included instrument decontamination, sterile prep and pack and a cadaver storage area. Glen worked closely with the user group to help create a unique space that will be a showcase for the University. The project infilled an existing shell space in the recently constructed outpatient sports medicine facility.

Cleveland Clinic, Hillcrest Hospital Major Campus Expansion, Mayfield Heights, OH. *Project Director.* The project consisted of planning, design and construction of a major bed tower addition with three Med/Surg floors, and a new NICU. The surgery addition included pre and post op support areas which created space within the existing hospital to add eight new integrated ORs. A new emergency department addition/renovation created a state of the art level II trauma facility. The project also included a central plant addition, two new MRIs a CT and two new RAD rooms. Glen managed a large complex phased project which spanned almost four years. The 330,367 sf project offered a variety of planning and design challenges unique to working within and adding onto an existing facility.

Cleveland Clinic, Lakewood Hospital Acute Rehab, Lakewood, OH. *Project Manager / Architect.* The renovation project created a twelve patient room Acute Rehab Suite that included a new PT/OT area. Glen led the planning and design of the new suite that was located in an old portion of the hospital which resulted in challenging layout issues due to the outdated floor plate and complex existing conditions that required extensive coordination and technical capabilities.

AREAS OF EXPERTISE

Project Management

Client Relationships

Building Codes and Guidelines

Conceptual Design

Project Development and Execution

Technical Experience

YEARS OF EXPERIENCE

20 Years

EDUCATION

Bachelor of Architecture, 1997, Kent State University

REG. / CREDENTIALS

Registered Architect, State of Ohio, 2007

Mark Salopek, RA, AIA, NCARB

ARCHITECT — EDUCATIONAL DESIGN

Mark Salopek has 36 years of high-level experience in architecture and effective leadership. Mark oversees all the design efforts of the organization from project concept through contract administration. He is responsible for reviewing all designs produced by the team to see that programmatics are met and the needs of the client are served. Additionally, Mark monitors every project and client to make certain that the team is meeting or exceeding expectations. His commitment and dedication combined with effective leadership shape the distinctive characteristics that enable GPD to deliver quality design with every project.

REPRESENTATIVE EXPERIENCE

The Ohio State University, Medical Center Renovations, Columbus, OH. *Project Principal.* GPD worked to design the remodels of several existing spaces at The Ohio State University Medical Center in order to create spaces for their Neurology and Gastroenterology Cancer Clinic. Mark's responsibilities included client contact, manpower scheduling, budget control and architectural quality review.

Marion Technical College, Health Technologies Center, Marion, OH. *Project Principal.* To accommodate recent growth in their Nursing and Medical Lab Technician Programs, Marion Technical College decided to expand their campus by adding a new building dedicated to Health Technologies. Mark's responsibilities included client contact, manpower scheduling, budget control and architectural quality review.

Cuyahoga Valley Career Center, Expansion and Renovation, Brecksville, OH. *Project Manager / Architect.* Project involved a $10.4M, three-phase renovation and building addition program for high school career education and continuing education. Phase I of the program was a $7.14M, 62,400 sf addition project that included the School of Nursing, Cosmetology, General Classrooms, the Main Office, a 400-seat Cafeteria / Conference Room, Auditorium, Adult Education and School to Career Offices, a Culinary Arts Restaurant, as well as a Central Kitchen.

Akron Public Schools, Akron, OH. *Project Principal.* Akron Public Schools developed a partnership with OSFC to put this nearly $800M plan into action. Many of the district's buildings had aged to the point of failure to meet size, capacity, and technological requirements. GPD met with APS Curricular staff to define the goals of the District and establish their programmatic objectives. The Master Plan includes the construction of 42 new buildings, renovation of 14 buildings and decommissioning of 2 buildings.

Hudson City School District, Hudson, OH. *Project Principal.* The overall $81.55M District-Wide Capital Improvement Program includes the expansion, renovation, replacement or repurposing of all district facilities, including: new middle school; renovation / addition to East Woods Elementary School; renovation of McDowell Elementary School; addition to Ellsworth Hill Elementary School; high school renovations; repurposing of Evamere Elementary School for administrative offices and community recreation; new Auto Tech Building; demolition of aging facilities; and grade level realignment.

AREAS OF EXPERTISE

Educational / Classroom Design

Master Planning

Project Team Oversight

Public Spaces

Sustainability

YEARS OF EXPERIENCE

36 Years

EDUCATION

Master of Science, Architecture, 1986, Kent State University

Bachelor of Science, Architecture, 1984, Kent State University

REG. / CREDENTIALS

Registered Architect, State of West Virginia, 2011; and 49 other states

Jamey Chinnock, PMP

INTERIOR DESIGNER

With 17 years of experience, Jamey brings a great deal of creative expertise to our design process. He has managed large design studios and successfully directed rebrand initiatives for many top brands. His ability to leverage insights and trends to develop sustainable design solutions has consistently led to successful results. Additionally, Jamey applies our specific design process to effectively communicate design intent. From initiation and schematic design through implementation he works to ensure that decisions are made consistent with the brand direction. He will work with you and your team to define strategic project objectives and benchmarks.

REPRESENTATIVE EXPERIENCE

NAVFAC, WNY Bldg 109 Office Complex Renovation, Washington, DC. *Interior Designer.* This project consists of the 3,200 sf renovation of the third-floor office / conference room for the Navy Command at the Washington Navy Yard. The scope of work includes a full renovation of the existing conference room, Admiral's office, bathroom, pantry, and ancillary spaces in the office suite. Renovations include new ceilings, lights, fixtures, finishes, mechanical and electrical upgrades, and security upgrades.

OhioHealth, Marion General Hospital, Main Lobby Renovation, Marion, OH. *Interior Designer.* The renovation of Marion General Hospital's main lobby included the re-branding of the facility to meet the current OhioHealth standards. In addition to the waiting areas and reception being reworked, private registration rooms and associated work space was added along with the addition of a new café open to the public.

OhioHealth, Marion Medical, Oncology Relocation, Marion, OH. *Interior Designer.* The under-utilized wound care center was renovated for the relocation of the medical oncology unit. The new unit features a waiting room, eight exam rooms, one treatment room, blood draw, nurse station and charting, offices, and support space. Upon relocation of the medical oncology unit the abandoned space was renovated for the relocation of the wound care center. The center features a waiting room, three exam rooms, one treatment room, and offices.

OhioHealth, Marion General Hospital and Marion Medical Center, OR Evaluation, Marion, OH. *Interior Designer.* GPD performed an evaluation of the existing operating rooms at Marion General Hospital for the installation of new robotic surgical systems. As part of this evaluation GPD did a structural analysis to validate that the deflection of the existing structure fell within the allowable deflection tolerances for the surgical equipment specifications. In addition, GPD worked with Steris for the replacement of surgical lights throughout the suites utilizing the existing structural mounts.

OhioHealth, Marion Medical Center, Vascular Clinic, Marion, OH. *Interior Designer.* Marion Medical Campus' Vascular Clinic is located in an abandoned CT suite. The clinic is comprised of four exam rooms with associated support space. Across the hall the clinic expanded to include a testing suite including exam space, treadmill and EKG.

AREAS OF EXPERTISE

Programming

Space Planning

Interior Finishes and Furniture

Casework

Wayfinding

YEARS OF EXPERIENCE

17 Years

EDUCATION

Masters of Business Administration, Capital University, 1996

Bachelor of Arts and Sciences, Design, Bowling Green State University, 2002

REG. / CREDENTIALS

Project Management Professional, 2012

Greg Lavriha, PE, LEED AP

MECHANICAL ENGINEER

Greg Lavriha has been serving the healthcare industry for the last 20 years. From ground-up projects to multi-phased patient care and laboratory renovations, Greg is an experienced mechanical engineer who specializes in troubleshooting building and room pressurization issues. He combines his comprehensive knowledge of HVAC systems operation with a systematic approach to develop viable solutions that support disease prevention, promote patient well-being and meet the needs of today's providers.

REPRESENTATIVE EXPERIENCE

University Hospital East MRI Replacement, Columbus, OH. *Lead Mechanical Engineer.* The project involves the renovation 1,100 sf of an existing MRI suite and replacement of an obsolete MRI machine. As lead mechanical engineer, Greg was responsible for evaluating existing mechanical and plumbing infrastructure to determine modifications required for new MRI machine. Probable cost of construction was developed for required modifications to assist the owner with capital planning.

Cleveland Clinic, Marymount Ambulatory Surgery Center, Infrastructure Upgrade, Cleveland, OH. *Lead Mechanical Engineer.* Upgrades included the replacement of mechanical infrastructure in a heavily used ambulatory surgery / physical therapy rehab center. Work included steam boilers, semi custom AC units serving surgery area and package AC units serving the remaining portions of building. The project also involved developing a creative solution to increase boiler plant capacity to provide redundancy for critical loads, while still fitting within existing mechanical penthouse.

Cleveland Clinic, Marymount Hospital, Infrastructure Upgrades, Cleveland, OH. *Lead Mechanical Engineer.* Greg served as lead mechanical engineer for the expansion of the emergency power / fuel oil system, steam boiler plant and chilled water plant to serve the hospital expansion. Projects were multi-phase to avoid interruption of service.

Cleveland Clinic. ORs 32, 33, and 34, Cleveland, OH. *Lead Mechanical Engineer.* The project involved renovation of three ORs built in the 70s and associated support area in three phases of construction into state of the art orthopedic ORs. As PM for MEPT subconsultant, Greg was responsible for coordinating MEPT scope with the architect and owner. Greg also performed QC/QA for the mechanical and plumbing scope and assisted lead mechanical engineer on an as needed basis.

Lake Health West Medical Center, Cath Lab 1, Willoughby, OH. *Lead Mechanical Engineer.* The project involved renovation of an existing outdated Cath lab constructed in the late 90s into a modern room with general anesthesia and the ability to use it for hybrid / minimally invasive surgery. As PM for MEPT subconsultant, Greg was responsible for coordinating MEPT scope with the architect and owner. Greg performed QC/QA for the mechanical / plumbing scope and assisted the lead mechanical engineer on an as needed basis.

AREAS OF EXPERTISE

Mechanical Engineering
Engineering Oversight
Healthcare Engineering
HVAC Systems Design
Plumbing
Fire Protection

YEARS OF EXPERIENCE

20 Years

EDUCATION

Bachelor of Science, Mechanical Engineering, 1998, Cleveland State University

REG. / CREDENTIALS

Registered PE, State of Ohio, 2003

Stephen Cook, PE
STRUCTURAL ENGINEER

Stephen Cook serves as a structural engineer for GPD's Healthcare and Architecture Departments. With 17 years of professional experience, Stephen brings comprehensive knowledge of the latest design standards and codes. He offers a full range of structural design experience including, but not limited to, commercial, industrial and residential projects. In keeping with the latest performance standards, Stephen remains proficient in STAAD Certified Designer, SAP2000, RISA, and RAM Steel. His overall experience and dedication to meeting client goals make him a welcomed addition to the GPD team.

REPRESENTATIVE EXPERIENCE

OhioHealth, Marion General Hospital, Main Lobby Renovation, Marion, OH. *Structural Engineer.* The renovation of Marion General Hospital's main lobby included the re-branding of the facility to meet the current OhioHealth standards. In addition to the waiting areas and reception being reworked, private registration rooms and associated work space was added along with the addition of a new café open to the public.

OhioHealth, Marion General Hospital and Marion Medical Center, OR Evaluation, Marion, OH. *Structural Engineer.* GPD performed an evaluation of the existing operating rooms at Marion General Hospital for the installation of new robotic surgical systems. As part of this evaluation GPD did a structural analysis to validate that the deflection of the existing structure fell within the allowable deflection tolerances for the surgical equipment specifications. In addition, GPD worked with Steris for the replacement of surgical lights throughout the suites utilizing the existing structural mounts.

OhioHealth, Marion Medical Center, Vascular Clinic, Marion, OH. *Structural Engineer.* Marion Medical Campus' Vascular Clinic is located in an abandoned CT suite. The clinic is comprised of four exam rooms with associated support space. Across the hall the clinic expanded to include a testing suite including exam space, treadmill and EKG.

Wilkes Community College Addition, West Jefferson, NC. *Structural Engineer.* Stephen was responsible for the design of steel framing and foundation for a "Common Area" addition to the existing structure. Work included the field investigation of existing structure to determine the tolerance between existing and proposed structure as well as providing construction drawings and details for framing design.

Cuyahoga Community College, Transportation Innovation Center, Euclid, OH. *Structural Engineer.* The College's Transportation, Distribution, and Logistics Academy was relocated to an existing building to account for program growth and the need for updated training facilities. The existing 8,000 sf building was renovated to include classrooms, a student lounge, administration, and equipment.

AREAS OF EXPERTISE

Structural Engineering
Steel Structures
Concrete Structures
Timber Structures
Masonry Structures
Foundation Designs

YEARS OF EXPERIENCE

17 Years

EDUCATION

Bachelor of Science, Civil Engineering with Structural Emphasis, 2002, Clemson University

REG. / CREDENTIALS

Registered PE, State of North Carolina, 2011

Charles Arnfield, IV, LC, LEED® AP BD+C, NCQLP

ELECTRICAL DESIGNER

Chaz Arnfield is an experienced electrical designer who serves as project manager on select projects for the firm. His commitment and dedication has gained him the overall knowledge and experience necessary for a successful project. Chaz manages various types of projects including site, electrical, lighting, mechanical, plumbing, structural, and roadway lighting design. His design responsibilities include power distribution, technology / communications, interior lighting, site lighting, associated building systems including fire alarms, and roadway lighting design. He has his Lighting Certification with the National Council of Qualifications for Lighting Professionals and is LEED Accredited for Professional Building Design + Construction.

REPRESENTATIVE EXPERIENCE

ONG, DSCC Office Building 24 Paving, Plumbing and Masonry Renovations, Columbus, OH. *Electrical Designer.* This project includes the renovation of the restroom facilities, including the abatement of any present hazardous materials, incorporation accessibility guidelines, replacement of all restroom finishes, replacement of all plumbing fixtures, replacement of all toilet partitions, replacement of all shut off / isolation valves, and replacement of all plumbing supply lines back to the water main located inside the main mechanical room adjacent to the restroom facilities.

Cuyahoga Community College, Transportation Innovation Center, Euclid, OH. *Electrical Designer.* The College's Transportation, Distribution, and Logistics Academy was relocated to an existing building to account for program growth and the need for updated training facilities. The existing 8,000 sf building was renovated to include classrooms, a student lounge, administration, and equipment.

The Ohio State University, Baker Systems Engineering Lecture Labs, Columbus, OH. *Electrical Designer.* This project will renovate 3,500 sf in Room 480 of the Baker Systems Engineering building. This will be a complete renovation including, but not limited to, all new finishes, lighting, and mechanical. The goal is to create two separate teaching / lecture labs by building a wall to divide the space, either movable or fixed.

MetroHealth, 150th St. Health and Surgery Center, Cleveland, OH. *Electrical Designer.* GPD was engaged to re-design the operating room electrical system to isolated power. The work includes new isolated power panels within the operating rooms, rework of the existing branch circuit wiring to connect to the panels and associated cutting, patching, and painting of walls and ceilings to accommodate the work.

OhioHealth, Marion Medical Center, Vascular Clinic, Marion, OH. *Electrical Designer.* Marion Medical Campus' Vascular Clinic is located in an abandoned CT suite. The clinic is comprised of four exam rooms with associated support space. Across the hall the clinic expanded to include a testing suite including exam space, treadmill and EKG.

AREAS OF EXPERTISE

Electrical and Lighting Design

Governmentally Funded Projects

YEARS OF EXPERIENCE

20 Years

EDUCATION

Associate Degree of Applied Science: Computer Aided Drafting and Design Technology, 1998, ITT Technical Institute

REG. / CREDENTIALS

Lighting Certification - NCQLP, 2008

ODOT Highway Lighting Certified, 2005

LEED Accredited Professional, 2008

Brad Steiskal

COMMISSIONING

Brad Steiskal brings together all of the different project perspectives – contracting, engineering, commissioning, and ownership responsibilities. With 20 years of combined experience in the field, office and as a facility manager, he understands what is takes to provide a successful project. Brad's range from the design phase to ownership offers our customers the unique opportunity to drive towards more successful solutions while feeling more engaged in the process. Brad's many years within the TAB and Commissioning industry have helped him develop a solid background in the function and proper installation of all types of mechanical systems. His passion to share his knowledge with customers and contractors alike provides the team with a positive educational environment leading to more successful project outcomes.

REPRESENTATIVE EXPERIENCE

Cleveland Clinic, Main Campus BMT / Leukemia Suites Commissioning, Cleveland, OH. *Commissioning.* The project included specialized room pressure testing required for each suite. Construction in this 24,400 sf space was phased as it was an occupied patient care area.

Cleveland Clinic, Strongsville FHC / Surgery Center Commissioning, Strongsville, OH. *Commissioning.* The scope of work included retro commissioning of the entire 178,550 sf occupied building. This was a compliance / energy project.

Cleveland Clinic, Main Campus Central Utility Plant Commissioning, Cleveland, OH. *Commissioning.* The project provided steam, chilled water, and energy power to 3.7 million sf of the main campus. Brian coordinated the live tie-in into a fully occupied 1,200 bed hospital without a service interruption.

Cleveland Clinic, Main Campus Bronchoscope Suite Commissioning, Cleveland, OH. *Commissioning.* The project included specialized room pressure testing required for each individual procedure room along with the main suite. The space was 14,500 sf.

CVS Health – Clean Room Design, Various Locations. *Commissioning.* GPD partnered with another firm to provide CVS Health with architectural and engineering services to support standards development and site-specific designs for multiple branch office and specialty pharmacy compounding facilities. These clean rooms are rated at ISO 8 for prep and ISO 7 for compounding / ante rooms and are designed to comply with USP 797/800 and 503b guidelines. The clean rooms, storage and warehouse at each location also include temperature, pressure and humidity controls. GPD is responsible for clean room mechanical and electrical engineering, prototypical design standards, construction drawings, survey and site design for select locations.

AREAS OF EXPERTISE

Commissioning

Project Management

Client Relations

Contracting

Facility Management

YEARS OF EXPERIENCE

20 Years

EDUCATION

Bachelor of Science, Electronic Technology, 1996, Bowling Green State University

REG. / CREDENTIALS

Associated Air Balance Council (AABC) Certified Test and Balance Engineer, REG #09-06-46 (2009-2014)

AABC Commissioning Group (ACG) Certified Commissioning Authority, REG #411-804 (2010-2014)

Mick Wolford, PE, ESS, RCDD, CTS

TECHNOLOGY ENGINEER

Mick Wolford is an experienced electrical engineer with Advanced Engineering Consultants. He brings more than 38 years of professional experience. He is experienced in the design of electrical distribution systems for a variety of projects, including corporate, healthcare, data center and government facilities. This experience includes the design of high, medium and low voltage outdoor and indoor substations, outdoor and indoor power distribution systems, emergency power generator systems, grounding systems, lighting systems and life safety systems. His experience also includes design of various technology systems including structured cabling systems; telecommunications grounding and bonding systems; data networks; IP Surveillance systems; access control systems; audio-visual systems.

REPRESENTATIVE EXPERIENCE

Lakewood Elementary Schools, Lakewood City School District, Lakewood, OH. *Technology Engineer.* AEC was retained by the project architect to provide Technology engineering design services per the 2014 edition of the Ohio School Design Manual for three new elementary schools. Work includes preparation of construction drawings prepared using Autodesk Revit. Technology systems include audio / video systems, data / telecommunication, fiber backbone, data network, VoIP telephone system, video distribution, sound and paging, CCTV, and intrusion detection systems.

Medical Center Renovations, The Ohio State University, Columbus, OH. *Technology Engineer.* Mick was responsible for design and construction oversight for renovation of Rhodes Hall, Doan Hall, and The James Cancer Center electrical systems for installation of automatic guided vehicle system (AGVS). He led design efforts for electrical power, lighting, access control, fire alarm, and technology systems renovation and improvements. Technology systems expansion and renovation included access control systems, nurse call systems, patient tracking systems, telecommunications systems and data systems. Electrical system improvements included modifications to nearly every electrical room in the facilities. The Rhodes Hall and Doan Hall fourth floor electrical rooms and operating room areas were included in this project.

Medical Center of Louisiana, Louisiana State University, New Orleans, LA. *Technology Engineer.* Technology design services for the new $800M Louisiana State University Medical Center, designed to be one of the most technologically advanced healthcare facilities in the country. The technology design for this state of the art teaching hospital includes a dual redundant medical-grade IT network designed to support high–bandwidth imaging and high data transfer speeds for clinical, security systems and communications. The technology design includes structured cabling systems for both inside and outside plant, network electronics, communication and network equipment room layouts for approximately 400 racks and cabinets, pathways and risers, operating room sound and IP video, clinical IP surveillance, intercom, public address, digital TV and a digital radio over IP EMS communication system.

AREAS OF EXPERTISE

Electrical Engineering

Technology Engineering

YEARS OF EXPERIENCE

38 Years

EDUCATION

Bachelor of Science, Electrical Engineering Technology, 1990, Franklin University

Associate of Applied Science, Electrical Engineering Technology, 1981, Kent State University

REG. / CREDENTIALS

Registered PE, State of Ohio and two other states

Registered Communications Distribution Designer (RCDD)

Electronic Safety and Security Designer (ESS)

Certified Technology Specialist (CTS)

Staffing Plan

Our hand selected, qualified team of professional are committed to providing exceptional design and construction services for your project, With our client-centered service, we enhance the ability of the organizations we serve. Together, with our clients, we build the future.

Our organizational chart on page 2.1 identifies the key personnel who are committed to delivering critical project responsibilities. The chart also showcases senior level and value added support to provide quality assurance and project compliance and introduces diverse technical professionals leading core services required by the project.

GPD is a 650+ person professional services firm. We will dedicate approximately seven staff members that are well versed with WVARNG renovation projects, in particular Camp Dawson. Our staff will provide continuous support from design development through project closeout. To achieve your mission and goals, you will be assigned a single point of contact who will oversee the project.

We have selected **Advanced Engineering Consultants (AEC)** to support our team with data / technology. AEC was founded in Columbus, Ohio, in 1998 and has since grown into a prominent consulting firm specializing in mechanical, electrical, plumbing, fire protection, and technology engineering design services. They employ over 60 engineers, designers, and support staff with an average 16 years of project experience. AEC has worked on 100+ healthcare and educational projects since 2007, totaling over $50M in construction value. They have been involved with numerous projects in several states requiring the design of MEPT systems for new construction and renovation of existing facilities. To this contract, AEC brings a 17-year history working with GPD. Our successful collaboration on a variety of federal, state, and local government, healthcare, and higher education projects makes us well-suited to provide the professional services you seek for the Camp Dawson Building 215 Medical Wing Renovation.

STAFF AVAILABILITY

GPD is fully committed to this project. Based on the expertise, qualifications and experience needed for this project, GPD hand-selected key personnel to dedicate to the team. Each key person will be supported as necessary to meet the required deadlines.

Staff	Role	% Available
Brian Hagemeier, PE, LEED AP	Principal	30%
Rick DeMarco, RA, AIA, NCARB	Project Manager	40%
Glen Zeisset, RA	Architect – Healthcare	40%
Mark Salopek, RA, AIA, NCARB	Architect – Education	35%
Jamey Chinnock, PMP	Interior Designer	35%
Greg Lavriha, PE	Mechanical Engineer	35%
Stephen Cook, PE	Structural Engineer	35%
Chaz Arnfield, LEED AP BD+C, NCQLP	Electrical Designer	35%
Brad Steiskal	Commissioning	35%
Mick Wolford, PE, ESS, RCDD, CTS *(AEC)*	Technology Engineer	35%

FLEXIBILITY TO SCHEDULE CHANGES

The GPD team has the flexibility to adapt to any necessary scope changes. GPD has several office locations within 300 miles of the project site, allowing our team to have full support readily available. That advantage allows GPD to react as required to construction and client needs in a timely manner.

TECHNICAL STAFF

Our cohesive team of design professionals is dedicated to providing only the best architectural, engineering and planning services to a diverse client base. We pride ourselves on the development of a seamless system of services that blend planning, architecture and engineering systems into a flourishing unity of creativity, collaboration and innovation.

CONSTRUCTION ADMINISTRATION

Rick DeMarco will lead the Construction Administration (CA) effort for this project. Rick, working as the client advocate, regularly provides guidance to engineers and contractors in order to avoid change orders and unscheduled delays to projects. GPD will engage the needed disciplines to support the construction process.

Our project management and project design leads are backed by a strong, capable team of support staff that knows what it takes to deliver timely, well-drafted construction documents.

WHY THE GPD TEAM IS BEST QUALIFIED FOR THE CAMP DAWSON BUILDING 215 MEDICAL WING RENOVATION PROJECT

We believe our team exceeds the qualifications for this project by hand selecting a team of experts that represent the following:

- GPD is a full service Architecture and Engineering firm that has worked nationwide for nearly 60 years providing quality design on time and within budget.
- Quality design and providing proper solutions to meet our clients' needs is the core of what we do.
- Budget is always a priority at GPD and we will provide the most economical solutions without ever compromising quality.
- We always recommend the right solution for our clients, especially when it comes to mission critical facilities where security is paramount.
- The GPD team will work closely with the WVARNG Project Manager and team to establish a program of requirements (POR) and design solutions that will stay within established budgets and schedules site.
- Ability to bring together education and healthcare expertise to develop a design that will meet your programming goals.

MEETING PROJECT GOALS

The GPD team understands the need to address specific project objectives and concerns as part of the project scope of work. Our team incorporates cost impacts, energy efficiencies, maintenance requirements, and life-cycle analysis into our design solutions.

Goals for the Building 215 Medical Wing Renovation project include designing a floor plan that better accommodates the needs of the medical section, a new and more efficient heating and cooling system, complete restroom renovations, and a new on-demand hot water system. Also included in the scope of work are new interior doors, new interior LED lighting for the medical section, and a new fire alarm system as well as providing electric and data to the classrooms.

Staff Certifications

With 173 professionals holding over 780 registrations in 50 states and 2 countries, GPD provides demonstrated competence in numerous technical disciplines across a variety of markets and project types. As requested we have included copies of our staff certifications and/or degrees applicable to the Camp Dawson Building 215 Medical Wing Renovation project.

State of Ohio
State Board of Registration for
Professional Engineers and Surveyors
77 S. High Street, Suite 2472
Columbus, Ohio 43215

For information regarding seals visit
the Board's Website at peps.ohio.gov

State of Ohio
State Board of Registration for
Professional Engineers and Surveyors
2020 – 2021
Professional Engineer
Brian Hagemeier
[redacted] Expiration Date: 2021-12-31

Brian Hagemeier
[redacted]

BOARD CHAIRMAN
EXECUTIVE DIRECTOR

State of Ohio
State Board of Registration for
Professional Engineers and Surveyors
77 S. High Street, Suite 2472
Columbus, Ohio 43215

For information regarding seals visit
the Board's Website at peps.ohio.gov

State of Ohio
State Board of Registration for
Professional Engineers and Surveyors
2020 – 2021
Professional Engineer
Gregory Lavriha
[redacted] Expiration Date: 2021-12-31

Gregory Lavriha
A[redacted]

BOARD CHAIRMAN
EXECUTIVE DIRECTOR

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

RICHARD P DEMARCO

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

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

GLEN F. ZEISSET

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]

Shannon R. Himes
Executive Director

The West Virginia Board of Architects

certifies that

MARK S. SALOPEK

is registered and authorized to practice
Architecture in the State of West Virginia.

In testimony whereof this certificate has been issued
by the authority of this board.

Certificate Number [redacted]

The registration is in good standing until June 30, 2020.

Board Administrator

POCKET CARD

North Carolina Board of Examiners for Engineers and Surveyors

This is to certify that
Stephen H. Cook
is duly licensed and entitled to practice
Engineering
until December 31, 2020 when this certificate expires.
License Number: [redacted] Status: CURRENT

Andrew G. Zoutwelle, Chair *John M. Logsdon, Secretary*

Receipt for Annual Renewal

Date: 12/3/2019 8:42:29 AM
Order ID: BY0K2AC940F3
Fee: $75.00

Registrant: Stephen H. Cook , **License:** 037852		
Business address GPD Engineering and Architecture Professional Corporation 520 S. Main Street Suite 2531 Akron , OH 44311	**Mailing Address** [redacted]	**Payment information** Card: 4**********6 Expiration: 06 /20 Bridget Davis 520 S. Main St., Suite 2531 Akron , OH 44311
Email: Scook@gpdgroup.com	**PDH Reported:**: 30.00 **Your license status is:** CURRENT	

NCQLP *National Council on Qualifications for the Lighting Professions*

February, 2018

Dear LC:

On behalf of the National Council on Qualifications for the Lighting Professions (NCQLP), I want to congratulate you on renewing your Lighting Certification. NCQLP has enclosed your updated certificate showing your certification has been renewed through December 31, 2020.

Your name and contact information continues on the LC Registry. Please review this information and update your information, if necessary, online through the NCQLP website (www.ncqlp.org) so your profile in the LC Registry is current. Keeping this information up-to-date is the only way that NCQLP can be sure to reach you. Many who are seeking those Certified in Lighting consult the Registry regularly.

The 2018 edition of the Certification Renewal Guidelines will be available at the end of February for downloading/viewing from the NCQLP website. Please be sure to review this information carefully, so that you are able to plan your future continuing education accordingly. As you participate in lighting related continuing education, place the documentation for each event in an LC Certification Renewal folder and/or list the information in the online LEU certification renewal screen. Go to the NCQLP website under LC Login. If you are a first time user, click on 'Forgot username/password' and follow the directions. Otherwise, for those LCs who have previously entered this area, use your username and password. Thirty-six Lighting Education Units (LEUs) are required every three years to maintain your LC. Those LCs who are audited in each cycle must provide their documentation supporting their continuing education to NCQLP in order to renew their Certification.

Should you have any questions or if we can be of assistance to you, please contact the NCQLP Office at (512) 973-0042.

Sincerely,

Robert M. Cilic, LC
2017-2018 NCQLP President

NCQLP, P.O. Box 142729, Austin, TX 78714-2729
(V) 512-973-0042. (F) 512-973-0043. Email info@ncqlp.org

Ohio | eLicense Ohio Professional Licensure

License Look Up

4/1/2020 8:07 AM

Michael Donald Wolford

Status	Active
Sub-Status	
Board	Engineers and Surveyors Board
License Type	Professional Engineer
License Number	[redacted]
License Issue Date	02/08/2000
License Expiration Date	12/31/2021
License Effective Date	01/01/2020
City	Pickerington
State	OH
Country	United States
Board Action	No

Current date & time: **4/1/2020 8:07 AM**

Disclaimer: The Joint Commission and NCQA consider on-line status information as fulfilling the primary source verification requirement for verification of licensure in compliance with their respective credentialing standards.

Camp Dawson Training Center

WV ARMY NATIONAL GUARD | KINGWOOD, WEST VIRGINIA

PROJECT DESCRIPTION

COMMAND CONFERENCE CENTER & OPS BUILDING UPGRADES - 3,200 sf

The West Virginia Army National Guard (WVARNG) proposed upgrades to the Command Conference Center as well as upgrades to several areas throughout the OPS Building at the Camp Dawson Training Center.

MPS & OPS BUILDING SIDEWALKS AND DRAINAGE

The general scope of work for this design-build project was to repair and improve drainage, asphalt and concrete pavement areas in two locations at Camp Dawson, the training site of the West Virginia Army National Guard (WVARNG). In the SOW the project was broken up in to separate work areas, the first being the work area along Artillery Boulevard, in front of the Multi-Purpose Building (MPS) and the second being the concrete replacement around the Regional Training Institute (RTI) Building and the Operations (OPS) Building.

For the MPB & OPS sidewalk, the existing conditions were evaluated and options were generated for the proposed walk configuration. The work along Artillery Boulevard required a different approach. A detailed topographic survey and soil borings were performed to establish the existing conditions and pavement thickness. This information was used to determine the most efficient and cost effective approach to resolving the drainage issues and concerns.

GOALS AND OBJECTIVES

Existing office space will be converted to a new communication space. The new design is required to meet the stringent guidelines for design and construction. The scope of work includes renovations and upgrades to walls, ceilings, interior finishes, HVAC, electrical, IT, A/V, lighting, security (including access control), doors, openings, and entrances. The project is being delivered under the Design-Build delivery system. Close coordination between GPD, SAF, Inc. and WVARNG is required due to the security requirements for the base.

HOW THESE WERE MET

GPD did a comprehensive analysis of the ICD design manual outlying the Technical Specifications for Construction and Management of communication spaces to determine specific materials, performance requirements, and construction details required for the retro-fitting the existing framed wall partitions of the enclosed Command Conference Center (CCC) at the base. Design solutions for wall types, through-wall penetrations, door and door hardware, STC ratings, access control, and several other features were developed to full compliance with the National Counterintelligence and Security Center standards.

In addition to the CCC renovation, interior improvements were made to several non-information sensitive spaces throughout the compound, involving new millwork, interior finishes and lighting.

GPD SERVICES PROVIDED

- Architectural Design
- Civil Engineering
- Construction Admin.
- Design-Build Services
- Drainage and Stormwater Management
- Electrical Engineering
- Energy Analysis
- Facilities Planning
- Geotechnical Services
- GPS Surveying
- HVAC Design
- Interior Design
- Site Analysis & Design
- Site Grading
- Structural Engineering
- Technology Upgrades
- Topographic Surveys

OWNER'S REFERENCE

WVARNG
1SG Aaron Miller
304.791.4161
aaron.f.miller.mil@mail.mi

PROJECT DETAILS

CCC & OPS

$38,775 - Design Fee
$800K - Est. Const. Cost

Design Start: Oct 2017
Design End: Dec 2017

Const. Start: Dec 2017
Const. End: Feb 2018

MPS & OPS

$49.1K - Design Fee
$350K - Est. Const. Cost

Design Start: Sep 2017
Design End: Nov 2017

Const. Start: Nov 2017
Const. End: Feb 2018

Joint Forces HQ Secured Area Renovations

CHARLESTON, WEST VIRGINIA

PROJECT DESCRIPTION

The West Virginia Army National Guard (WVARNG) is proposing to build out a secured area at the Joint Forces Headquarters (JFHQ) Armory Building in Charleston, WV. Scope included communication space in compliance with ICD design standards.

GOALS AND OBJECTIVES

This project consists of the development of the design and construction documents for upgrades of the existing space to a new communications space. The new design was required to meet the stringent guidelines for design and construction. The scope of work includes renovations and upgrades to walls, ceilings, interior finishes, HVAC, electrical, IT, A/V, LED lighting, security (including access control), doors, openings, and entrances. The project is being delivered under the Design-Build delivery system. Close coordination between GPD, SAF, Inc., and WVARNG was required due to the security requirements for the base.

HOW THESE WERE MET

GPD did a comprehensive analysis of the ICD design manual outlying the Technical Specifications for Construction and Management of communication spaces to determine specific materials, performance requirements, and construction details required for the retro-fitting of an existing interior block wall-enclosed area at the base. Design solutions for wall types, through-wall penetrations, door and door hardware, STC ratings, access control, and several other features were developed to full compliance with the National Counterintelligence and Security Center standards.

GPD SERVICES PROVIDED

- Architectural Design
- Construction Administration
- Design-Build Services
- Electrical Engineering
- Energy Analysis
- Facilities Planning
- HVAC Design
- Interior Design
- Lighting Design
- Structural Engineering
- Technology Upgrades

OWNER'S REFERENCE

WVARNG
Major Melvin Hodges
304.561.6349
melvin.p.hodges.mil@mail.mil

PROJECT DETAILS

$29.7K - Design Fee
$500K - Est. Const. Cost

Design Start: Oct 2017
Design End: Dec 2017

Const. Start: Dec 2017
Const. End: Nov 2018

Basewide HVAC Repair Phase II

BOILER REPLACEMENT | MARTINSBURG, WEST VIRGINIA

PROJECT DESCRIPTION

The purpose of this project is to provide engineering solutions for multiple facility underperforming / non-performing HVAC systems.

The existing boilers in several buildings are over 30 years old and beyond their useful life. The existing cooling unit in the communication server room has no redundancy causing the room to get hot when the unit is down for maintenance or repair.

The project consists of developing the design and construction documents for the replacement of existing boilers with new high efficiency boilers to maintain acceptable interior building temperature year round and the installation of new supplemental cooling. This mechanical replacement project is base wide and being delivered under the Design-Build delivery system.

GOALS AND OBJECTIVES

This project consists of the development of the design and construction documents for the removal and replacement of the existing boilers serving three separate building located on the base along with adding an additional cooling unit to the existing data center to allow for redundancy of equipment serving the space. The new design will upgrade the existing boilers from lower efficiency non-condensing type gas fired boiler to the higher efficiency condensing type gas fired boilers.

HOW THESE WERE MET

The scope of work included the removal and replacement of the existing boilers along with all ancillary equipment including pumps, expansion tank, air separators, and valves. In addition, the scope of work included the installation of a redundant computer room cooling unit along with new ductwork to facilitate better airflow throughout the data center. The project was delivered under a Design-Build delivery system.

GPD SERVICES PROVIDED

- Construction Administration
- Construction Observation
- Design-Build Services
- District Heating and Cooling Engineering
- Electrical Engineering
- Energy Analysis
- HVAC Design
- Mechanical Engineering

OWNER'S REFERENCE

WVARNG
Sgt. Ryan Belfield
304.616.5231
ryan.e.belfield.mil@mail.mil

PROJECT DETAILS

$59K - Design Fee
$1.0M - Est. Const. Cost

Design Start:	Nov 2017
Design End:	Dec 2017
Const. Start:	Dec 2017
Const. End:	May 2018

ONG, Defense Supply Center Columbus Building 24

COLUMBUS, OHIO

PROJECT DESCRIPTION

Project includes POV parking lot improvements, exterior masonry renovation and repair, as well as restroom renovations of Building 24 Armory Building. Project considerations include occupied facilities during renovations and limited disruption to facilities and activities, adherence to security requirements, and Ohio Energy Policy and State Energy Utilization.

GOALS AND OBJECTIVES

GPD designed the renovations of the restroom facilities at the Ohio National Guard's Defense Supply Center Columbus (DSCC) Building 24. Services included the abatement of any present hazardous materials, incorporation accessibility guidelines and replacement of all restroom finishes, plumbing fixtures, toilet partitions, shut off / isolation valves, and plumbing supply lines back to the water main located inside the main mechanical room adjacent to the restroom facilities. This project also incorporated the milling and replacement of the asphalt wear course in the POV parking lot area, including spot repairs where the base courses seem to be compromised. In addition, GPD performed the evaluation and repair / tuck pointing of the brick veneer where the conditions of the veneer warranted attention. All of these efforts were conducted to allow the facility to better serve the National Guard Soldiers and facility staff and to meet the unique needs of the Ohio National Guard and Building 24 facility.

These renovations will bring the buildings up to code and provide space that is accommodating to the end users. Exterior renovations will limit water infiltration to the interior of the buildings and extend the building useful life. New LED lighting will provide better security at each location, and new security gates will be provide more secure access to the Armory. All buildings will adhere to the Ohio Energy Policy cutting down the utility expenditure at these locations saving money to the various State of Ohio agencies.

The building will remain occupied throughout the duration of design and construction. Security, health and safety will be priority in planning and phasing the project so the ANG can continue carrying out their mission with little to disruption.

HOW THESE WERE MET

The restrooms were renovated and reconfigured to allow for greater maximization of the space by increasing the number of occupants served and increasing the accessibility of the space. Renovation included the investigation and repair of the underground infrastructure to eliminate chronic plumbing issues that plagued the building. The project was extremely sensitive to the ongoing operations at the facility by making adjustments to the schedule and means / methods of the project to allow for uninterrupted use of the facility. This included the coordination, shutdown and evacuation of the facility during drill weekends, while leaving the facility in a usable condition.

GPD SERVICES PROVIDED

- ALTA / NSPS Surveys
- Civil Engineering
- Construction Administration
- Construction Observation
- Drainage and Stormwater Management
- Geotechnical Services
- Pavement Design
- Site Analysis and Design
- Site Grading
- Stormwater Pollution Prevention

OWNER'S REFERENCE

ONG, Adjutant General's Department
Art Damron
Construction Project Specialist 2
614.336.7056
arthur.b.damron.nfg@mail.mil

PROJECT DETAILS

$88K - Design Fee
$959K - Const. Cost

Design Start: Mar 2016
Design End: May 2017

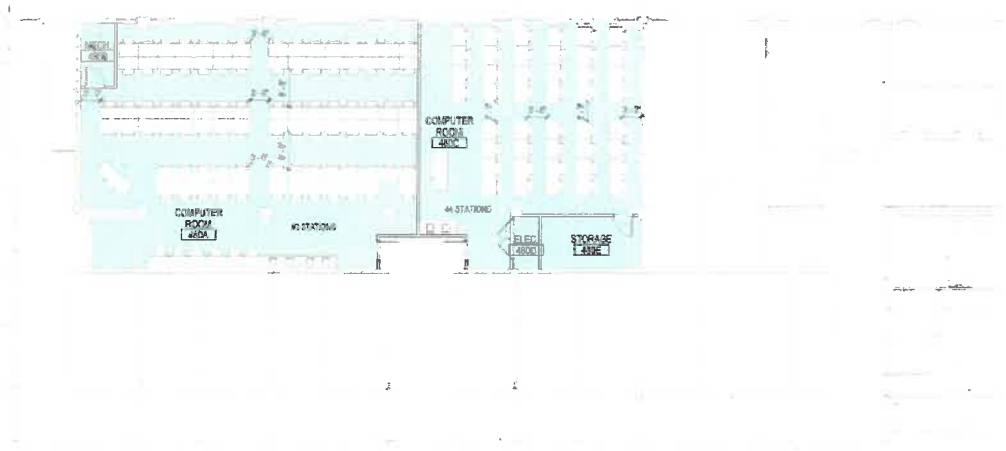
Const. End: Feb 2018

Baker Systems Room 480

THE OHIO STATE UNIVERSITY | COLUMBUS, OHIO

PROJECT DESCRIPTION

This project will renovate 3,500 square feet in Room 480 of the Baker Systems Engineering building. This will be a complete renovation including, but not limited to, all new finishes, lighting, and mechanical.



GOALS AND OBJECTIVES

The goal is to create two separate teaching / lecture labs by building a wall to divide the space, either movable or fixed. The need is for one side to seat 80+ students and the other side seat 40+ students. Each space will have its own projection video systems. Storage is a critical need for the new space. Since this space is for teaching and is adjacent to offices, it is important to the end users that the mechanical systems are as quiet as possible. The current space was last used as a computer systems rooms, therefore old mechanical and electrical systems will need to be sorted. There are adjacent offices that could possibly be introduced to create additional space, if needed. There are currently two entrances to the space that should be reworked to allow better flow for students entering and exiting the space.

HOW THESE WERE MET

The design has placed an emphasis on acoustics, not only in terms of its final use, but also in terms of construction activities. New wall assemblies are being created to provide proper separation not only between classrooms, but also from the adjoining faculty offices to ensure a good interior workplace environment for staff. During construction and to be a "good neighbor," activities with a decibel rating over 45 db will be performed during campus off hours to ensure minimal disruption to the building tenants. Outlining the work restrictions with the project was emphasized since these construction activities will take place in an occupied building.

GPD SERVICES PROVIDED

- Architectural Design
- Audiovisual Design
- Computer Modeling / 3D Modeling
- Construction Observation
- Data and Communication Systems
- Educational Facilities Planning
- Educational Program Analysis
- Electrical Engineering
- Energy Analysis
- HVAC Design
- Interior Design
- Lighting Design
- Programming
- Security Systems
- Structural Engineering
- Technology Upgrades
- Value Engineering

OWNER'S REFERENCE

The Ohio State University
Walter Ingram
Project Manager
614.292.7443
ingram.115@osu.edu

PROJECT COST

$675,000 est.

Design Start: Oct 2018
Design End: Oct 2019

Const. Start: Nov 2019
Const. End: Apr 2020

RAMTEC Addition and Renovation

CUYAHOGA VALLEY CAREER CENTER | BRECKSVILLE, OHIO

PROJECT DESCRIPTION

This project includes a 3,500 square foot addition and a 3,500 square foot renovation of instructional lab space. The project is partly funded by a "Straight-A" grant which provided a robotics program for both high school and adult students.

GOALS AND OBJECTIVES

The major challenge of the project was that the addition needed to be constructed adjacent to the existing building and that the design was compliant with the provisions of the Ohio Building Code (OBC) while maintaining instructional and observational continuity of both spaces.

HOW THESE WERE MET

The challenge was overcome by diligent review of OBC provisions and application of the relevant portions pertaining to penetration dimensions and fire protection strategies.

GPD SERVICES PROVIDED

- Architectural Design
- Civil Engineering
- Construction Observation
- Data and Communication Systems
- Educational Facilities Planning
- Geotechnical Services
- HVAC Design
- Interior Design
- Lighting Design
- Planning and Zoning Representation
- Plumbing Design
- Power Distribution Design
- Programming
- Site Analysis and Design
- Site Grading
- Stormwater Pollution Prevention
- Structural Engineering
- Wireless LAN Services

OWNER'S REFERENCE

Cuyahoga Valley Career Center
Hal Kendrick
440.838.8909
hkendrick@cvccworks.edu

PROJECT COST

$980,000

Design Start:	Nov 2014
Design End:	Feb 2015
Const. Start:	Apr 2015
Const. End:	Dec 2015

Transportation Innovation Center

CUYAHOGA COMMUNITY COLLEGE | EUCLID, OHIO

PROJECT DESCRIPTION

The project transformed a pre-engineered structure from an industrial warehouse to a new regional campus for the College. This location would provide new reach to students in Cuyahoga County, support training for a new Amazon facility nearby, and allow for general purpose classrooms to be offered in Euclid.

GOALS AND OBJECTIVES

While the building's image required a transformation, much of the infrastructure was repurposed to create the savings available with a remodel project. These savings allowed for additional work to be realized, such as new lighting and painting within the warehouse, despite limited funding available to this growing program. In addition, the program's previous location had an expiring lease, so GPD established a project schedule to establish milestones so that the new space would be available before the lease expired. The work was issued as an on-call, task order basis. This procurement method facilitated the project schedule but required a quick response from GPD to assemble a team that could be committed for the duration of the project.

HOW THESE WERE MET

GPD reconfigured the administration wing into classrooms, simulator rooms, testing labs, and conference rooms, in addition to some new office spaces for faculty. Once complete, the building's original industrial feel dissolved in favor of a vibrant educational facility specializing in trucking, distribution, and logistics.

GPD SERVICES PROVIDED

- Architectural Design
- Electrical Engineering
- HVAC Design
- Interior Design
- Mechanical Design
- Plumbing Design
- Programming

OWNER'S REFERENCE

Cuyahoga Community College
Thomas Stecky
Director, Construction, Planning, & Design
216.987.3477
thomas.stecky@tri-c.edu

PROJECT COST

$880,000

Design Start: Feb 2018
Design End: Mar 2018

Const. Start: Apr 2018
Const. End: Oct 2018

Marion Medical Campus – Oncology & Wound Care

OHIOHEALTH | MARION, OHIO

PROJECT DESCRIPTION

The under-utilized wound care center was renovated for the relocation of the medical oncology unit. The new unit features a waiting room, eight exam rooms, one treatment room, blood draw, nurse station and charting, offices, and support space. Upon relocation of the medical oncology unit the abandoned space was renovated for the relocation of the wound care center. The center features a waiting room, three exam rooms, one treatment room, and offices.

This project allowed for the expansion of a growing service needed within the community. In addition to the Scope of Work of this project, GPD is continuing to work closely with OhioHealth on the subsequent renovation and expansion of their existing infusion center. As part of this effort, GPD has been working on a masterplan for the new 20,000 square foot proposed center.

GOALS AND OBJECTIVES

The project goals included providing a new medical oncology unit that met the growing needs of the community while incorporating OhioHealth standards. Incorporating the healthcare system's standards into the project allows for and supports OhioHealth's branding initiative across their system.

HOW THESE WERE MET

The new medical oncology unit provides eight individual exam rooms and a treatment space which doubles the size of the old unit. This additional space allows for more efficient patient flow and adequate space to accommodate the larger patient volume. OhioHealth's new standards were incorporated into the project based on standard exam room layouts, equipment, and support space requirements. New lighting, HVAC, and interior finishes were also specified to meet the system wide standards.

SCOPE OF SERVICES

- Architectural Design
- Construction Administration
- Electrical Engineering
- Fire Protection Design
- HVAC Design
- Interior Design
- Lighting Design
- Master Planning
- Mechanical Engineering
- Plumbing Design
- Programming

OWNER'S REFERENCE

OhioHealth
Adam Novak
614.205.5450
AdamNovak@hillintl.com

PROJECT DETAILS

Medical Oncology
Estimated Cost: $500,000
Actual Cost: $481,267

Wound Care
Estimated Cost: $40,000
Actual Cost: $39,968

Design Start: Jul 2017
Design End: Feb 2018

Const. Start: Feb 2018
Const. End: Jun 2018

Design-Bid-Build

Marion Medical Campus – Internal Medicine

OHIOHEALTH | MARION, OHIO

PROJECT DESCRIPTION

This interior renovation adds new life to a deteriorating department at the medical campus. In addition to bringing the department to current OhioHealth standards, the plan was reworked to allow for the reorganization of the department into four multi-physician pods. Each pod is shared by two physicians and provides each physician with three exam rooms, a private office, and a shared MA station. In addition, there is shared waiting, reception, and support spaces among the pods.

The renovation of the area not only brings the department into current OhioHealth standards, it addresses a number of existing infection control issues such as carpeting in the patient exam rooms. The project was initially designed as a single project; however after funding was cut, GPD worked with OhioHealth to develop a plan to break the project out into multiple phases over multiple fiscal years.

GOALS AND OBJECTIVES

The project goals included providing a more functional and efficient layout. In addition, there were a number of privacy concerns as well as infection control issues that needed to be addressed.

HOW THESE WERE MET

With the implementation of the pod concept, efficiency for the physicians was increased with the consolidation of designated work areas (exam rooms and offices) with shared MA stations. The MA stations that were developed allow for patient charting in a private area. Prior to the renovation, charting was being done in the public corridors causing not only accessibility issues but HIPAA concerns with screens being visible to the public. By incorporating the OhioHealth standards, exam rooms were modified to include handwashing stations with counter, cleanable finishes (paint and vinyl sheeting), and sheet vinyl floors to address the infection control concerns of the facility.

SCOPE OF SERVICES

- Architectural Design
- Electrical Engineering
- HVAC Design
- Fire Protection Design
- Interior Design
- Lighting Design
- Master Planning
- Mechanical Engineering
- Plumbing Design
- Programming

OWNER'S REFERENCE

OhioHealth
Adam Novak
614.205.5450
AdamNovak@hillintl.com

PROJECT DETAILS

Estimated Cost: $850,000
Actual Cost: $435,000 (FY 2019)

$TBD (FY 2020)

Original Completion: 2018
Actual Completion: 2020 (due to funding cuts)

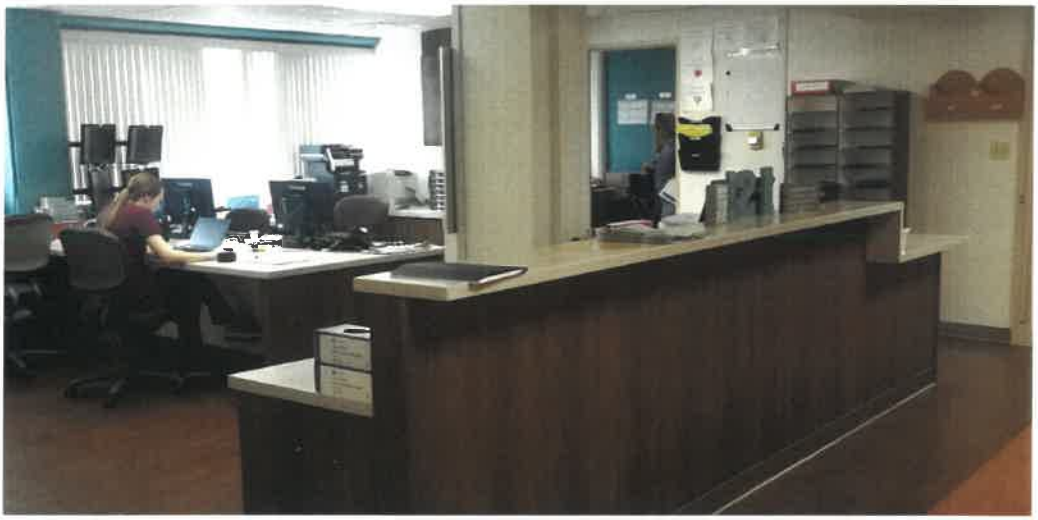
Design-Bid-Build

Mansfield Hospital – 2 SW Planning and Nurse Station

OHIOHEALTH | MANSFIELD, OHIO

PROJECT DESCRIPTION

GPD met with key stakeholders to review the existing functions within the space and presented test fit options for the staff and support space (in future phases). As part of this project, GPD renovated the existing nurse station to create a more user friendly layout and address HIPAA concerns with the previous setup. In addition, a satellite station was created at the junction of corridors to provide visibility to the patient rooms that were previously hidden. GPD worked with OhioHealth's interior designer on the project which also gave new life to the corridors.



GOALS AND OBJECTIVES

The project goals included providing a more functional and efficient layout for the staff support areas and incorporate the OhioHealth standards while planning for future subsequent renovations to the support spaces and patient rooms.

HOW THESE WERE MET

GPD worked with the key stakeholders to determine the needs of the staff as well as an understanding of how the unit functioned. Once these needs were determined, GPD evaluated the remainder of the unit for current code compliance, HIPAA concerns, and compliance with the FGI Guidelines to create a phasing plan that would allow for subsequent renovations that could be spread out over multiple fiscal years. The new nurse stations and charting areas addressed the privacy concerns for the staff and allowed for additional visibility down the corridors (another stakeholder concern). OhioHealth standards were incorporated as a first step in bringing the unit to the current system wide branding initiative.

SCOPE OF SERVICES

- Architectural Design
- Master Planning
- Planning

OWNER'S REFERENCE

OhioHealth
Mike MacKay
Director of Design & Construction
614.788.4465
mike.mackay@ohiohealth.com

PROJECT DETAILS

Design Start:	Jan 2018
Design End:	Feb 2018
Const. Start:	Feb 2018
Const. End:	Mar 2018

150th St. Health and Surgery Center

METROHEALTH | CLEVELAND, OHIO

PROJECT DESCRIPTION

The MetroHealth West 150th Street ASC is a heavily used facility on the west side of town. GPD was engaged to re-design the operating room electrical system to isolated power. The work includes new isolated power panels within the operating rooms, rework of the existing branch circuit wiring to connect to the panels and associated cutting, patching, and painting of walls and ceilings to accommodate the work.

EXISTING CONDITIONS

GOALS AND OBJECTIVES

The goals of the project are to upgrade electrical system to comply with Joint Commission / CMS requirements and limit down time to one OR at a time.

HOW THESE WERE MET

To meet project goals, the GPD team added isolated power panels and configured new feeders such that the existing branch circuits feeds serving the ORs can remain until reconnected to isolated power panel.

SCOPE OF SERVICES

- Architectural Design
- Electrical Engineering

OWNER'S REFERENCE

The MetroHealth System
Tom Moenich
Director Facilities Construction
216.778.4711
tmoenich@metrohealth.org

PROJECT DETAILS

Estimated Cost: $200,000
Actual Cost: $TBD

Design Start: May 2018
Design End: Nov 2018

Const. Start: Apr 2020

Design-Bid-Build

Comprehensive Rehab Study

METROHEALTH | CLEVELAND HEIGHTS, OHIO

PROJECT DESCRIPTION

This study was performed to determine the feasibility of adding comprehensive rehabilitation services to the Cleveland Heights Health Center located on Severance Circle. The comprehensive rehab facility would serve orthopedic / musculoskeletal and neurological patient populations on an outpatient basis.

GOALS AND OBJECTIVES

The goal of the study was to determined whether or not the current healthcare facility could house multiple services (Physical therapy, Occupational therapy, and Speech therapy) under one roof.

HOW THESE WERE MET

The comprehensive report included the evaluation of the existing facility as well as planning options for the relocation of the services to abandoned spaces within the existing facility.

Probable costs were provided based on the above evaluations and recommendations to allow MetroHealth to determine if the project was feasible.

SCOPE OF SERVICES

- Architectural Design
- Electrical Engineering
- HVAC Design
- Fire Protection Design
- Interior Design
- Lighting Design
- Master Planning
- Mechanical Engineering
- Plumbing Design
- Programming

OWNER'S REFERENCE

The MetroHealth System
Jon McKinley
216.978.4078
jmckinley@metrohealth.org

PROJECT DETAILS

Estimated Cost: $565,000

Study: 2018

References

We invite you to contact the references associated with our project experience presented regarding our past performance, quality of work, and compliance with performance schedules, as well as our ability to perform on your upcoming project.

OhioHealth
Mike MacKay
Director of Design & Construction
614.788.4465
mike.mackay@ohiohealth.com

The MetroHealth System
Karen Dethloff
Vice President of Facilities Management
216.778.4718
kdethloff@metrohealth.org

Cuyahoga Community College
Thomas Stecky
Director, Construction, Planning, & Design
216.987.3477
thomas.stecky@tri-c.edu

ONG, Adjutant General's Department
Art Damron
Construction Project Specialist 2
614.336.7056
arthur.b.damron.nfg@mail.mil

Approach Methodology for Meeting Goals and Objectives

Project Approach

Camp Dawson located in Kingwood, West Virginia, is planning to renovate the Medical Wing of Building 215. From the Expression of Interest, GPD provides the following project understanding:

- Existing mechanical systems will be replaced with an efficient heating and cooling system
- Existing fire suppression system will be replaced with new fire alarm system
- Existing plumbing service to remain, however rework to accommodate new on demand hot water system
- Existing restrooms shall be fully renovated
- Rework floor plan to accommodate medical section's space programming
- Provide new interior LED lighting for the medical section
- Provide upgrade electrical and data to classrooms
- Update interior doors
- Provide Fixtures, Furnishing and Equipment plan (to the extend required)

Based on the project understandings, GPD proposes the following Scope of Services:

SCHEMATIC DESIGN (SD)

GPD will host a kick-off meeting on-site with all key stakeholders to develop a Program of Requirements (PoR). This will include a project scope, budget and time frames for the entire project. Furthermore, our design team will review the programming / needs information with all key stakeholders and will modify the design to accommodate any modifications in the PoR.

GPD will review the existing life safety conditions for the facility and validate compliance with current codes and regulations so that any new work will maintain the facility's compliance. In addition, we will complete a preliminary code study, verify existing field conditions including the location of utilities and incorporate those findings into the SDs. Any challenges associated with our findings and the programming / needs of the medical section will be brought to their attention immediately.

Careful consideration needs to be given to limiting disruptions to existing operations / building uses during the renovation which may require a phased approach and/or the addition of temporary structures; all of which needs to be accounted for in the design and cost development efforts.

At the conclusion of the Schematic Design, we will have:

- An approved schematic floor plan
- Identified any impacted engineering systems and subsequent narratives on how to address
- Validated project schedule & budget

DESIGN DEVELOPMENT (DD)

After the development and approval of the schematic design and program, we will continue to develop the design throughout this phase adding detail and definition to each space. We will meet with your designated user groups to develop room data sheets and program requirements which will be the basis of design for each space. In conjunction with the development of these room data sheets, we will finalize the proposed plumbing, mechanical, fire protection, and electrical infrastructure approaches after verifying capacities of the existing infrastructure.

At the conclusion of Design Development, we will have:

- Detailed Floor Plans and Ceiling Plans
- Room for Data Sheets
- Phasing Plans (if needed)
- Furniture and Equipment Plan and Schedule
- Interior Elevations
- Detailed Mechanical, Plumbing and Electrical Plans
- Identification and Evaluation of potential Energy Incentives
- Validation of project schedule and budget

CONSTRUCTION DOCUMENTS (CD)

During this phase we will further refine the design to assemble accurate Construction Documents that will include all required drawings and specifications to meet the WVARNG standards, along with all Local, State and National codes, guidelines and regulations. As part of GPD Group's internal policy, GPD will conduct a Quality Control review of the construction documents by a Principal of the firm in each discipline of design prior to submitting for permit. The signage package will also be developed and reviewed.

At the conclusion of Construction Documents, we will have complete Construction and Permit Drawings and Specifications including:

- Floor Plans and Ceiling Plans
- Furniture and Equipment plans and schedule
- Interior elevations and details
- Complete Mechanical, Plumbing and Electrical Plans, schedules and details
- Validation of project schedule and budget

PERMITTING AND BIDDING

GPD will support Camp Dawson throughout the bidding process by:

- Submitting the documents to the WVARNG and all agencies for plan review
- We will review and address any bidder's questions
- Perform pre-bid conferences
- Review bids with your staff
- Participate in scope reviews as required
- Support final recommendations

CONSTRUCTION ADMINISTRATION

GPD's role during the Construction Administration phase is to oversee compliance with design criteria and assess workmanship to meet expectations.

Construction Administration services include:

- Attendance of all pre-construction conferences
- Review of shop drawings and submittals
- Attendance weekly construction progress meetings
- Publish field reports

- Process monthly pay applications
- Generate punch lists
- Monitor contractor performance
- Review of warranties and
- Assistance in preparing Record Drawings and Closeout Documentation

The GPD team understands the pressure placed on project owners to deliver a project that is on schedule and within budget – all while maintaining high quality standards.

There is simply no room for costly delays or shortcuts that compromise value. From project conception through close- out, GPD provides construction administration services to support the development process.

The goal of the Construction Phase is for our design staff to work closely with the Site Superintendent and Camp Dawson project staff to deliver consistency between the project as it was conceived and its construction. We provide regular milestone schedule visits to the site to assist in promptly resolving issues or clarifications in construction and ensure that the project is being constructed according to your mission. GPD's presence is essential to maintain control of quality, assist in cost review, and manage schedule compliance.

During this phase, our design staff works closely with the contractors for the timely completion of all construction issues and assists with legal completion of contracts for construction.

After completion of the construction and prior to the expiration of warranties, we conduct a formal review of your project to ensure that building systems are continuing to perform.

Our philosophy has always been that a project and our services do not end with the completion of construction. The successes we have achieved are based upon our impeccable level of service, creative design solutions and our ability to uncover new ways to better serve our clients.

GPD's construction administrators have knowledge of local, State, and Federal construction requirements, which enables us to identify potential construction challenges and recommend timely solutions.

Value-Added Services

VR / VISUALIZATIONS

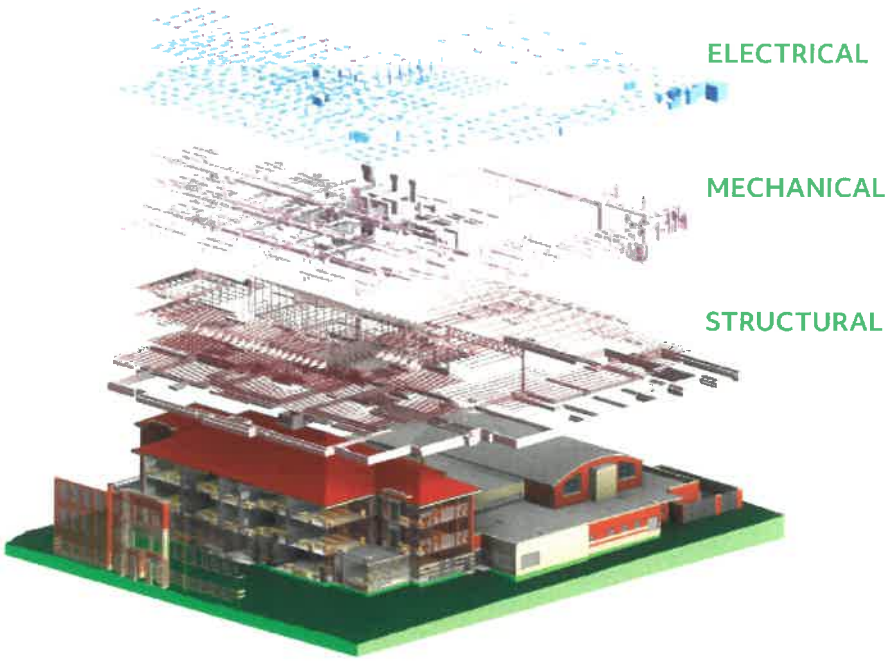
The visualization team at GPD can work closely with the designers to develop concept renderings and/or photo realistic images of the proposed design. These images will help to make decisions not only on building architecture, but finishes and furniture to depict an accurate look and feel for the space. Additionally, GPD has developed technology to create virtual reality experiences of the computer models allowing full user control through video game engine software. We can build the model with a variety of options for furniture, finishes, and equipment so that the user is able to evaluate a multitude of options at one time. This will allow the team to gain approvals efficiently while reducing the need for multiple reviews.

CVCC RAMTEC ADDITION RENDERING


OHIOHEALTH - MGH LOBBY RENDERING

BIM

For this project, GPD will utilize Building Information Modeling (BIM) software for generating and managing building data during the project life cycle. Building information modeling covers geometry, spatial relationships, geographic information, quantities and properties of building components. The integration of design disciplines that this technology provides has allowed for increased efficiency of the design process. This software also allows the design teams to collaborate more effectively and to reduce design conflicts while ensuring that any revisions or alterations are updated automatically.



This significantly helps in reducing errors and omissions in the design process as well as bridge the potential information loss associated with handing a project from design team to construction team to the building owner.

PLANGRID

PlanGrid is construction productivity software designed for the field. The easy to use platform provides real-time updates and seamless file synchronization over Wi-Fi and cellular networks on most mobile devices. PlanGrid replaces paper blueprints, brings the benefits of version control to field workers, and is a collaborative platform for sharing construction information like field markups, progress photos and issues tracking. Using the PlanGrid punch tool provides real time tracking of open issues and provides the contractors in the field clear direction of open items. All invited CMs are familiar with PlanGrid.

Utilizing PlanGrid in the beginning of a project allows the entire team to be updated on project progress from conceptual design all the way through close out and can even be utilized for as-builts and archiving O&M and close out documentation for an entire project. The app allows use of over 20 different file formats within the software which allows live team communication with mark ups, field notes, 3D photos, and full project documentation. It also is an excellent program to utilize during meetings, allowing the entire team to view all project documentation and provide real time mark ups and project notes on the fly. It offers many tools during construction such as generating and tracking RFIs, submittal tracking and storage of shop drawings, saving time and money for the entire team.

Project Management Plan / Quality Control Plan

Project Management Plan

The GPD management approach is based on four specific requirements to achieve success:

1. Understanding WVARNG's needs with regards to scope, schedule, and budget
2. Understanding the capabilities of the GPD team relative to the WVARNG's needs
3. Maintaining good communication with the WVARNG and within our team for the effective delivery of the work
4. Understanding the mission of the WVARNG and how important successful project execution is to performing that mission

GPD will provide a proactive program management organization to the WVARNG developed through prior experience on A-E Services for WVARNG and other State and DoD agencies. Mr. Rick DeMarco will serve as Program Manager for this Contract. Mr. DeMarco has extensive design and management experience. He will make certain that GPD consistently responds to all WVARNG requests, providing practical, cost-saving solutions. His broad hands-on technical experience and experience at the WVARNG Camp Dawson give him an excellent background for this position. He will act as the overall manager for all activities under this contract, responsible for the following:

- Direct interface with the WVARNG
- Contract negotiation
- Project scoping and negotiations
- Leadership of the team
- Approve budget / expenditures
- Allocate resources
- Implementation of uniform quality management and safety procedures
- Communication of progress reports including schedule and budget status.

GPD is familiar with the design standards for the WVARNG and specifically Camp Dawson. We also have experience with the design standards for multiple other DOD agencies, allowing us to leverage that experience when needed. Since these projects at Camp Dawson were design-build, we were heavily incorporated into the construction process. This allows us to have background knowledge of specific construction constraints, such as phasing for occupied facilities and as it specifically relates to Camp Dawson. This knowledge helps us develop plans and phasing that will be supported by the ability to construct what was initially designed. This increases the efficiency and reduces cost overruns for the project.

COMMUNICATION AND ADMINISTRATIVE PLAN

Project communications will be led by the designated Project Manager assigned to the project. Administration functions will be implemented in accordance with approved procedures, work instructions, and other key project documents issued by the Project Manager at the commencement of the project. With the approval of the Project Manager, additional procedures, work instructions, and other documents will be issued. These functions are critical to the quality of the project and the quality for the execution.

As part of the Project Initiation phase of the contract, it will be critical for GPD to establish communication procedures with WVARNG. GPD's Project Manager will be the single point of contact with the WVARNG Project Manager. Communication and coordination will occur between GPD and the WVARNG at the level appropriate to the work being performed (efficient).

This project team approach produces benefits for both inter-team (GPD to WVARNG) and intra-team (within GPD / within WVARNG) communication, coordination and project execution to achieve an optimal blend of efficiency and effectiveness.

Our team will also be responsible for attending, either in person or by phone, weekly team meetings and progress reviews scheduled at each milestone.

Scoping / Negotiation / Contracting—During this phase of the project workflow, it is important to note the iterative nature of communication for this effort. It is important to end this phase confirming that the negotiated and authorized scope of work aligns with the original request and/or expectations of those involved in the process and eventually responsible for the improvement. A well aligned scope of work will help avoid scope creep during the project execution.

Execution—Once authorized, the project team will hold a project kick-off meeting, conduct progress meetings and required reporting. The team will support the monthly reporting by rolling up task activity to the Project Manager. Critical to the execution phase is implementing the use of a decision summary matrix and project controls.

MANAGEMENT TOOLS

No matter what the size or volume of projects, consistent management tools must be incorporated into project execution. It is important to remember that every project is a stand-alone project. These tools are critical to time, cost and quality outcomes.

Schedule and Budget Adherence—The team will use cost estimating schedules for the project as the master budget for the contract. This will allow the PMs to coordinate, track and communicate budget compliance. This information will be updated weekly and provided to the WVARNG to support weekly updates. It will also be extremely useful to evaluate budget / schedule performance for the project tasks that may require a quick turnaround.

Project Schedule—Detailed schedules and work plans are discussed and modified at weekly team meetings. These schedules will be developed to include interactive computer generated GANTT charts. Schedules are prepared using Microsoft Project. In addition to Microsoft Project, the GPD team also has the ability to use Suretrak, a Primavera compatible scheduling program, at the client's request. At any level of development, these schedules are successful in assisting the project manager to keep the client informed on the project's progress. At the onset, the GPD team will develop an overall schedule focusing on attaining the objectives defined by the client. This schedule contains all the project phases. Each phase will be individually scheduled in more detail with all discipline leaders involved. These detailed phase schedules track all information that needs to be shared, highlight intermediate milestones and help foster the day-to-day interaction that is necessary between the disciplines and WVARNG.

PROJECT DESIGN EXECUTION AND PHILOSOPHY

We believe successful project delivery is the result of truly collaborative efforts with every member of the team contributing to cross discipline problem solving. By encouraging continuous effective communication, we reduce the number of engineering and architectural assumptions, and systems are designed in response to real requirements instead of inflated guesswork.

Design Philosophy—Our design philosophy is grounded in the design of functional and sustainable environments – guided by a focus on innovative design of buildings / spaces that incorporate the right image, context, and function for the owner, operator, community, and end-user.

The GPD team will provide services at all stages of project development to ensure that the final project meets all the WVARNG defined goals and requirements. Our design approach for the architectural, civil, structural, environmental, mechanical, electrical, and plumbing components of the project as outlined in our Project Approach.

GPD's approach to Project Execution is organized to deliver the highest quality of service to WVARNG in the most efficient and cost-effective manner possible. The Project Execution Process is outlined in the following table.

Project Execution Process
» Project Manager prepares project plan outlining tasks to be completed. Gantt style time schedule, assignment of resources, and budgets
» Project Team meets with WVARNG to review project plan
» Once project plan is approved by WVARNG, GPD executes the project in accordance with the approved project plan and in the most effective manner
» Deliverables follow QA/QC policy
» Project Manager uses accounting system to provide routine project and cost tracking throughout the project execution
» Project Manager tracks project schedule and ensures deadlines are met
» Project Manager and Project Principal perform project reviews in accordance with the project plan
» Project Manager keeps WVARNG Contracting Officer appraised to project progress
» Project Manager completes monthly progress reports for submittal to WVARNG

We are comfortable working with the multiple design and submittals phases and understand the importance of meeting each of the design schedule milestones. We understand the need to drive the project design schedule and when necessary push the design forward while reviews are concurrently in process. We take design schedules very seriously and for our WVARNG projects, we have not missed a design submittal milestone for any of the phases. We also are committed to our design fee and do everything in our power to honor this fee. If owner directed changes are requested, we work with the owner to come to an agreement on a fair increase in design fee for the agreed upon change of scope. Putting the effort upfront in the design process and identifying the exact scope of work limits the types of change orders. In fact, with our projects for WVARNG, we had zero design change orders.

Quality Control

DESIGN QUALITY CONTROL PLAN

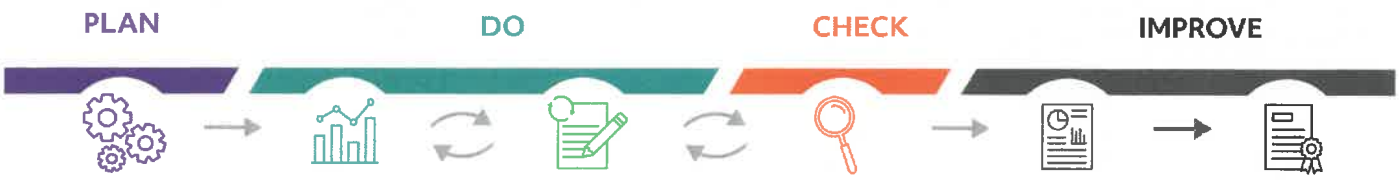
We realize that the successful execution of the assigned project will depend on our ability to implement an effective quality control program. We have long recognized the importance of quality control in every aspect of our business.

Our quality assurance and quality control procedures are documented in the "GPD Quality Assurance and Quality Control Manual." The manual was developed as the basis for us to professionally evaluate our design prior to construction and implementation of our design solutions.

GPD's quality control function is managed by the chief architect and chief engineers of the various disciplines involved under the coordination of the quality control manager. This formal system of checks and balances reviews projects at inception and at milestone intervals to assure project objectives are being met, continuity is maintained, and that the appropriate design approach has been taken.

Our quality control program addresses these key elements in meeting our clients' project requirements: cost control procedures and budget maintenance, construction feasibility, and the project schedule.

As a service provider, we continuously improve our "product" by emphasizing quality processes and quality management. GPD's QA/QC Program uses standardized methods and procedures, established protocols and standard operating procedures, formalized reporting, senior-level oversight and peer review. These efforts will be led by our project manager with daily involvement of other technical personnel on the project.



PROJECT SET-UP	DATA ACQUISITION	DELIVERABLE DEVELOPMENT	DELIVERABLE REVIEW	SUBMITTAL TO CLIENT	PROJECT CLOSEOUT
Establish Project Central File	Review Information from Others	Scheduled Activity	Reviews	QA/QC Report	Lessons Learned
Project Document Control	Use of Monitoring and Measuring Devices	Scope Directives	Internal Quality Audits	Resolution of Comments	Marketing Update
Prepare Project Management Plan		Detail Check	Corrective and Preventive Actions		Accounting Closeout
Conduct Project Kick-Off Meeting		Statement of Limitations			
Coordinate Risk Management Approach		Changing the Work Product			

Quality Control Team

Lead Architect: Larry Janke, RA, LEED AP
38 years of experience; expertise in architectural design, coordination of mechanical, electrical and structural design, code analysis and compliance, QA/QC review

Lead Mechanical Engineer: Brandon Marzley, PE, LEED AP BD+C
18 years of experience; expertise in mechanical system design and analysis, plumbing design, fire protection design

Lead Electrical Engineer: Mark Hirsch, PE, LEED AP
27 years of experience; expertise in electrical design, standby power systems, high voltage substations, relaying, control, commissioning

Lead Structural Engineer: John Kabak, PE, SE
22 years of experience; expertise in structural design, structural analysis and retrofitting

Performance in Terms of Project Controls

GPD has a record of performance with our previous and current clients, providing requested services on time, within established budgets and schedules, and meeting or exceeding quality standards. Our valuation and design efforts have produced projects that are constructible and meet established regulations, sustainable performance standards, and are environmentally compatible. Our team members have a record of performance on Federal Agency contracts in achieving constructability of design, cost control, quality of work, and schedule requirements. The GPD team has received letters of commendation, performance evaluations, and design awards from our Federal, commercial, and industrial clients, which attest to client satisfaction in these areas.

Project Control will be based on the following activities during project design:

- Pre-Design Phase, Design Charettes
- Checking Existing Drawings / Systems to confirm actual site conditions
- Internal reviews in addition to WVARNG scheduled reviews
- Scheduled reviews with WVARNG and Stakeholders

The Project Manager is responsible for cost, quality and schedule control. The Project Manager will utilize existing cost accounting and scheduling systems and continuous communication with project staff to control the project and ensure the project is completed within the project schedule.

Performance in Terms of Cost Controls

Cost control begins with careful planning and accurate cost estimating. GPD places significant emphasis on completing projects within established budgets. We carefully evaluate the level of effort needed to accomplish each design task and estimate the cost for that effort. Standardized cost estimating templates ensure that cost proposals are consistent, understandable, and present a clear picture of the cost for the project. Estimates from team members will be developed using similar standard templates. The level of effort will be based on historic experience matched against staff selected for the particular work effort.

Upon receipt of a notice to proceed for the project, the PM assigns a project number and builds the project budget based on the negotiated level of effort, hourly rate, overhead, and profit negotiated at the time of contract award. The hours are identified with the individuals assigned to the project, either in-house or with one of the team members. At any point during the project, the PM is able to evaluate the project funding, cost spent to date, cost remaining, profitability of the project, amount invoiced, percent complete, percent remaining to complete, outstanding invoices, and cost incurred since the last invoice. Weekly timesheets are used to track time spent by each staff member working on any of the projects.

Cost Control will be based on the following activities during project design:

- Benchmarking
- Reconcile scope and budget
- Value based design management
- Cost estimating at project milestones
- Value engineering

Performance in Terms of Quality of Work

Since its formation, GPD has established a commitment to quality, innovation, and customer satisfaction, and continues to receive repeat business from its clients based on this focus on delivering quality products. More than 80 percent of our work is derived from repeat business. Quality starts with a highly experienced team, focused on the needs of the client, working collaboratively to deliver the services needed. The GPD team has the skilled staff, with the experience, capability, and desire to meet the mission of the WVARNG, coupled with the required licenses and/or certifications needed for the work.

Performance in Terms of Compliance with Performance Schedules

Compliance with established performance and project schedules is a result of effective project planning and execution. The GPD team utilizes project management software tools and periodic project reviews to monitor schedule status. A detailed project schedule is developed at the start of the assignment, incorporating the requirements of the Client mapped against the required level of effort from each of the project staff. Informal project reviews are conducted on a weekly basis, with a more detailed review of each project conducted on a monthly basis. Deviations from the planned schedule are identified, the reasons for deviation are evaluated, and recovery plans are developed to ensure project completion within the established schedule.

Schedule Control will be based on the following activities during project design:

- Reconcile schedule with project scope
- Develop detailed work plan
- Assign adequate resources
- Weekly team meetings
- Mitigate "Schedule Creep"

The overall majority of our project assignments are performed on a lump sum or fixed-price basis and therefore we are acutely aware of the procedures and policies to maintain cost and schedule control. Our management systems are rigorous and allow us to accurately track project costs and schedule to ensure the project is completed within established parameters. Should events occur that require additional scope efforts, the PM communicates with the client as soon as possible to discuss appropriate remedies to address the issue.

Projects for WVARNG (Past 3 Years)					
Project Name	**Location**	**Design Deadlines**	**Design Change Orders**	**Design Errors**	**Project Cost**
Operations Building Sidewalks and Drainage	Camp Dawson	All submissions on schedule	None	None	On Budget
Ops Building Command Center Upgrades	Camp Dawson	All submissions on schedule	1-Reduced Scope	None	Below Budget
Joint Forces HQ Secure Area Renovations	Joint Forces Headquarters	All submissions on schedule	None	None	On Budget
Repair HVAC Base Wide	Shepard Field Air National Guard Base	All submissions on schedule	None	None	On Budget

Capacity

GPD has over 500 personnel available in the region to support this contract. The team has sufficient professional resources to accomplish the work in the required time, including the ability to complete more than multiple project tasks consecutively, or to react quickly and effectively on an emergency or accelerated schedule.

The GPD team is committed to providing the highest level of professional technical support that serves the best interests of the WVARNG. To accomplish this goal, we have an experienced group of managers and technical resources to provide the WVARNG with the capacity and qualifications for the required work. Our depth of staff and resources provides our clients with a range of services and expertise from facility assessments and analyses, through engineering and design, to management of construction and rehabilitation actions.

The capacity to accomplish the work in the required times requires strong leadership. Our team personnel were selected based on past success, demonstrated leadership capabilities, experience with Federal/State type contracts and the ability to manage resources for successful project execution.