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Header 1

List View

General Information Contact Default Values Discount Document Information Clarification Request

Procurement Folder: 2045819

Procurement Type: Central Purchase Order

Vendor ID: 000000159840

Legal Name: H F LENZ CO

Alias/DBA:

Total Bid: \$0.00

Response Date: 09/01/2026

Response Time: 15:05

Responded By User ID: tinamalas

First Name: Tina

Last Name: Malas

Email: tmalas@hflenz.com

Phone: 814-269-9305

SO Doc Code: CEOI

SO Dept: 0603

SO Doc ID: ADJ27000000002

Published Date: 8/19/26

Close Date: 9/8/26

Close Time: 13:30

Status: Closed

Solicitation Description: CEOI - Camp Dawson Operations Building UPS Replacement Desig

Total of Header Attachments: 1

Total of All Attachments: 1



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Solicitation Response

Proc Folder: 2045819
Solicitation Description: CEOI - Camp Dawson Operations Building UPS Replacement Desig
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2026-09-08 13:30	SR 0603 ESR09012600000001614	1

VENDOR
000000159840
H F LENZ CO

Solicitation Number: CEOI 0603 ADJ2700000002
Total Bid: 0
Response Date: 2026-09-01
Response Time: 15:05:40
Comments:

FOR INFORMATION CONTACT THE BUYER
David H Pauline
304-558-0067
david.h.pauline@wv.gov

Vendor		
Signature X	FEIN#	DATE

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Camp Dawson Operations Building UPS Replacement Design				0.00

Comm Code	Manufacturer	Specification	Model #
81101508			

Commodity Line Comments:

Extended Description:

Provide professional architectural and engineering design services per the attached documentation.



EXPRESSION OF INTEREST

CAMP DAWSON OPERATIONS BUILDING UPS REPLACEMENT DESIGN

PREPARED FOR

WEST VIRGINIA ARMY NATIONAL GUARD



H.F. Lenz Co.
1407 Scalp Avenue
Johnstown, PA 15904
Phone: 814.269.9300
FAX: 814.269.9301

HFL File No. 2026-1974.00

September 8, 2026



ENGINEERING

H.F. Lenz Co. | 1407 Scalp Avenue | Johnstown, PA | 15904 | 814-269-9300

September 8, 2026

Department of Administration
Mr. David H. Pauline, Buyer
Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

Subject: Expression of Interest
Camp Dawson Operations Building UPS Replacement Design
HFL File No. 2026-1974.00

Dear Mr. Pauline:

H.F. Lenz Company (HFL) is enthusiastic about the opportunity to provide the Architecture/ Engineering Services required for the design of the UPS replacement for Camp Dawson Operations Building.

The analytical skills, design capability, creativity, and overall knowledge possessed by our Team will enable us to successfully complete all aspects of the work within the allotted budget and timeframe. Our Team is fully prepared to bring the following strengths and benefits to this project:

- Extensive and recent experience with similar UPS replacement projects for DOD and government buildings.
- Qualified and experienced subconsultant: DRS Architects, Inc., (Sixmo Companies) a Small Business offering architectural, planning and interior design services for over 60 years. DRS Architects and H.F. Lenz Co. have worked together for over the past 30+ years and have collaborated on hundreds of projects. Many have included the collaborations for PA National Guard maintenance buildings renovations, previous work for the three new billeting facilities for WVANG at Camp Dawson, DGS Crane Readiness Center and DGS New Castle Readiness Center, PA State Police new headquarters expansion, and U.S. Air Force - 911th Airlift Group.
- Our Project Manager for this project, William A. Minahan, P.E., served four years in the United States Navy as an aviation technician and brings over 16 years of engineering design experience, including Department of Defense (DOD) projects and a long history of work throughout West Virginia.
- Senior-Level Personnel. Our Team consists of senior-level professionals who will remain involved with the project throughout its duration.
- Firm Stability. This is our 80th year in business. We have one of the lowest rates of employee turnover in our industry.
- Proven ability to work in collaboration with Owners and other consultants throughout the project while placing the Owner's interests first.

Thank you for the opportunity to submit this Expression of Interest. H.F. Lenz Co. previously provided engineering services under a mutually negotiated contract. We would like to request the same opportunity for contract negotiation should we be awarded a contract for this project. We look forward to the next steps in the selection process. In the meantime, we will be happy to answer any questions you may have regarding our submission.

Sincerely,

H.F. LENZ COMPANY

A handwritten signature in blue ink, appearing to read 'Brian D. Schmidt'.

Brian D. Schmidt, P.E.
Principal

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TAB 1: FIRM PROFILES



**Johnstown Headquarters**

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Johnstown, PA 15904
Phone: 814-269-9300
Fax: 814-269-9301

Pittsburgh Office

1051 Brinton Road
Pittsburgh, PA 15221
Phone: 412-371-9073

Lancaster Office

120 North Pointe Boulevard
Suite 203
Lancaster, PA 17601
Phone: 717-461-3916

Ohio Office

322 State Street
Conneaut, OH 44030
Phone: 440-599-7800
Fax: 440-599-7801

Connecticut Office

101 Centerpoint Drive
Suite 237
Middletown, CT 06457
Phone: 860-316-2124



H.F. Lenz Co.

H.F. Lenz Company was established 1946 in its present form, under the name H.F. Lenz Company, R.E., and in 1953 the company was incorporated, as a Private Corporation, in Pennsylvania as H.F. Lenz Co. Our projects span the nation, with the heaviest concentration in the Northeast, and exceed \$1.5 billion in construction annually. Each market sector— government, corporate, health care, education, and industry—is served by a team of specialists who understand the unique needs of the clients we serve. Our staff consists of 200+ individuals, including 47 Licensed Professional Engineers and 14 LEED Accredited Professionals. Our headquarters is in Johnstown, PA with branch offices in Pittsburgh and Lancaster, PA; Conneaut, OH; and Middletown, CT.

Disciplines/services offered in-house include:

- Mechanical Engineering
- Electrical Engineering
- Data/Communications Engineering
- Fire Protection / Life Safety Engineering
- Structural Engineering
- Civil Engineering
- Surveying
- Construction Phase Services
- Commissioning and Training
- 3D CADD with Full Visualization
- Energy Modeling
- Sustainable design/LEED Services
- Building Information Modeling (BIM)

H.F. Lenz Company has provided engineering services for over \$100 million of construction for the Baltimore Corps of Engineers over the past 30 years including 7 indefinite delivery-type contracts and 11 new reserve centers, several of which were in West Virginia. Our experience also includes several recent projects for the Pennsylvania National Guard, including projects for Clearfield Readiness Center, Crane Readiness Center and New Castle Readiness Center. In addition, we have held six consecutive term contracts for Letterkenny Army Depot under which we have completed more than 100 projects requiring a variety of engineering expertise. **We previously provided the engineering services for the design of three new billeting facilities for WVANG at Camp Dawson.** In addition, we have extensive project experience in West Virginia, which includes over 400 projects in the past 30 years.

DRS Architects (Sixmo Companies) and H.F. Lenz Co. have collaborated on hundreds of projects over the past 30+ years, which include projects for the PA National Guard projects at Crane and New Castle Readiness Centers and a new regional maintenance building in Johnstown, PA; and projects under multiple term contracts for the U.S. Air Force - 911th Airlift Group; a confidential federal government agency in West Virginia; a nationwide term contract for NASA facilities; and 70+ projects for DOE/NETL campuses in West Virginia, Pennsylvania and Oregon.

LEED®

H.F. Lenz Company has been a member of the U.S. Green Building Council since 2000. Our experience includes 120+ projects that have attained various levels of LEED Certification, in total over 16 million SF of facilities.



DRS Architects Firm Profile

Celebrating over 60 years of practice as one of the region's leading architectural, planning, and interior design firms, DRS Architects provides design services with a strong commitment to focus on our clients' needs and objectives. DRS provides architectural design, management of the design process, control of project costs and schedule, and we seek design excellence with every commission.

We are now in our sixth generation of firm leadership thanks to our acquisition in 2024 by the Sixmo Companies, strengthening our firm's position in the market and expanding on our service offerings.

Our firm leadership is:

- Patrick E. Thornton, President
- Jared S. Perry, Vice President

Some of our notable clients include:

- University of Pittsburgh
- Slippery Rock University
- Duquesne University
- Point Park University
- West Virginia University
- La Roche University
- Indiana University of Pennsylvania
- Grove City College
- Pennsylvania Army National Guard
- Department of Energy, NETL
- Federal Bureau of Investigation
- Pennsylvania State Police
- Baltimore Corps of Engineers
- US Postal Service
- Starbucks
- YMCA

We provide architectural design services, including:

- Facilities Evaluation
- Code Analysis
- Master Planning
- Site Analysis
- Facility Programming
- Feasibility Studies
- Interior Design
- Cost Estimating
- Contract Documents
- Contract Administration
- Post-occupancy Services



Our clients have relied on DRS to successfully deliver the design of new buildings and renovations for the last six decades. We attribute a large measure of our success to a methodical approach to design, applying thoughtfulness and experience to every project regardless of size, while recognizing that each project is a unique combination of client, program, and circumstance. At the heart of our design approach is the philosophy that the most successful designs are the result of a back-and-forth exchange of ideas, discussion, and understanding between the participants in the process.

We view each project with an eye towards sustainability and as an opportunity to improve the well-being of people by employing environmentally responsible design strategies, even when certification is not a requirement. With our LEED Accredited Professionals, our team brings knowledgeable experience to all our projects.



TAB 2: MANAGEMENT APPROACH

WORKLOAD & CAPABILITY

STAFF AVAILABILITY



Management Approach

We have developed the management techniques, accountability protocols, and reporting methods to successfully and efficiently respond to these types of projects. Contributing to this is the direct involvement of our senior-level Principals and Project Managers who possess the technical expertise, fully understand the Client's business or mission, and have the ability to create and maintain a collaborative environment among all Team members.

William A. Minahan, P.E., will serve as our Program Manager for this contract. He will be responsible for managing the overall Project Team and delivering all projects within budget while meeting time schedules. Bill has over 16 years of engineering experience, has successfully managed a number of DOD projects, including several readiness centers in WV and PA, and a wide variety of occupied facilities including government buildings, colleges and universities, and private industry facilities.

Brian D. Schmidt, P.E., is our overall Principal-in-Charge for the contract. He will oversee the design team and serve as the main point of contact for project.

Our Project Management Strategy includes:

- **Experienced Project Engineers** - Each of our proposed team members for this project have over 15 years of experience and each has experience public school projects. The Project Engineers will supervise a team of Engineers, Designers, CAD Technicians and Field Personnel who will remain dedicated to the project throughout its duration. Each Project Engineer's objective is to achieve ideal balance among cost, schedule, design quality, and life cycle cost, and will direct all Team Members towards this end.
- **Establish a Dedicated Project Team That Does Not Change** - Consistency of the team is very important in keeping all personnel aligned with the objectives and goals of the project—including budget and schedules adherence. H.F. Lenz Company has one of the lowest employee turnover rates in our industry.
- **Clear and Efficient Communication** - Throughout the project ideas and knowledge are shared, processes are collectively developed, and common goals are defined. Communication is maintained throughout the entire project through team meetings, participating in benchmarking processes, telephone and teleconferencing calls, and online collaborative applications.
- **Assigning Responsibilities** - Maintaining the quality of work while meeting schedules and budgets, is achieved through an ongoing planning process involving dialogue among the various team members in the relationship. The key is the development of a mutual understanding of individual responsibilities, well-defined group goals, and the establishment of real communication. The responsibilities of each Team Member are identified for each phase of the project, from programming and design through construction and commissioning.
- **Coordination of Subconsultants** - The Project Engineers are responsible for keeping all subconsultants up to date and in the communications loop. During a project kickoff meeting, we collaborate with the Project Architect and other consultants to develop well defined and mutually understood project goals and priorities—including project budgets and schedules. We then maintain close communication with all subconsultants through project meetings, partnering sessions, telephone and teleconference sessions, email, and on-line project management applications.
- **Promoting a Collaborative Environment** - We place a high value on creating and supporting a dynamic collaborative environment among the Project Team where ideas and knowledge are shared, processes are collectively developed, and common goals are defined.



Strategy to Deliver a Quality Product

The quality of our Team's construction documents are among the best in the industry. In fact, it is not uncommon for contractors to request copies of our CADD files for their use in preparing shop drawings. Our 3D CADD and/or Revit drawings of mechanical and electrical systems have historically resulted in better coordination between trades, aided contractors in visualizing how installation is to occur, and produced more competitive bidding.

We employ several internal processes to ensure completeness and coordination of the design between the various disciplines and to reduce the number of Change Orders. These processes have been developed by our firm over time and are used on every project.

- **High Level Involvement** – Principals of our firm with extensive experience in multi-discipline projects, will be directly involved with the project throughout its duration.
- **Clear and Efficient Communications Among a Dedicated Design Team**
- **Ongoing Design Reviews**
- **Constructability Reviews**
- **Employing Experienced Field Personnel**
- **Adhering to our Quality Control Program** – By following the procedures set forth in our Quality Assurance/Quality Control plan we are able to produce high quality design documents.

Construction Phased Services

The H.F. Lenz Company's Field Services Staff have a demonstrated ability to effectively manage construction and resolve problems as they arise. Their efforts consistently help avoid the unnecessary deletions, substitutions, and change orders that are common in the construction industry, resulting in an impressive record of controlling final construction costs to within one percent of the original bid amounts (excluding owner-directed program changes).

Our field representatives ensure that required contractor submittals and their submission schedule are clarified at the very start of the construction phase. Early in construction, the team's primary objective is the diligent processing of submittals, since this effort has a direct, positive effect on construction progress. The benefits of identifying long-lead items during the design phase—and pre-purchasing them accordingly—are realized later in the construction schedule, helping keep the project on track.

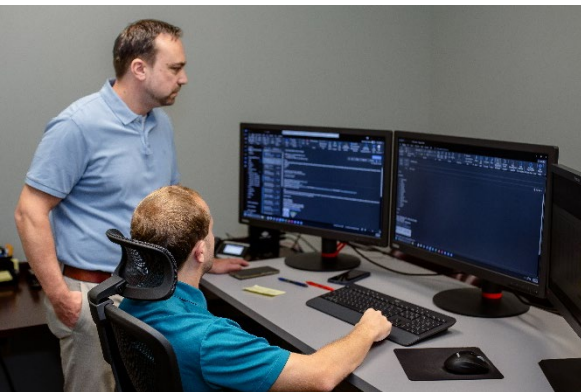
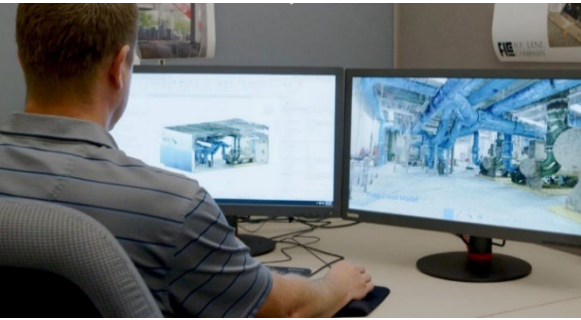
At the completion of construction, field representatives review the finished product and prepare punchlists identifying any work that needs to be completed or corrected. At this stage, critical systems are also performance-tested to confirm they meet the original design objectives.

Commissioning Services

Our commissioning services follow ASHRAE Guideline 0-2019, The Commissioning Process; ASHRAE Standard 202-2013, HVAC&R Technical Requirements for the Commissioning Process; and the guidelines of the Building Commissioning Association (BCA). Rather than serving as a "third-party" review agency, our approach is to become an essential part of the integrated project delivery team, working within an owner-controlled delivery model.

The design team will prepare a written Basis of Design (BOD) documenting all design assumptions, standards, and system narratives for the systems being commissioned. The CxA (Commissioning Authority) will review this documentation for consistency with the Owner's Project Requirements (OPR) and use both documents as the foundation for design reviews, development of the commissioning plan, preparation of LEED v4 commissioning submission documents, and incorporation of commissioning requirements into the construction documents.

During construction, we will work directly and continuously with the Project Core Team to maintain a current commissioning plan—one that adapts alongside the overall construction schedule to allow adequate time for commissioning while still meeting the targeted completion date.



Workload/Staff Availability

We have developed the management techniques, accountability protocols, and reporting methods to successfully and efficiently respond to the demands of an "open-end" type contract. Contributing to this is the direct involvement of our senior-level Principals and Project Managers who possess the technical expertise, fully understand the Client's business or mission, and have the ability to create and maintain a collaborative environment among all Team members. In the past 15 years, we have been awarded approximately 50 open-end type contracts where projects are issued to us on a task order basis, usually with quick turnaround requirements. **According to our current workload projections, our team for this contract is at 40% of our workload capacity for the next six months.**

Capacity

The H.F. Lenz Company presently employs 200+ people in our Johnstown, Pennsylvania headquarters and our satellite offices in Conneaut, OH, Pittsburgh and Lancaster, PA, and Middletown, CT. Within the firm, all engineering disciplines are represented in-house. Additionally, all of our engineers are cross-trained among the various disciplines, leading to improved communication and overall project efficiency.

The following is a breakdown of our staff capacity:

Total Resources

Mechanical/Electrical Division 99 Total

16	Licensed Mechanical Engineers
14	Licensed Electrical Engineers
10	Plumbing/Fire Protection
59	Technicians/CADD Operators

Civil/Structural/Survey Division 33 Total

5	Licensed Civil Engineers
5	Licensed Structural Engineers
19	Technicians/CADD Operators
4	Surveyors

Additional Staff 71 Total

25	Construction Inspectors
9	Technicians/CADD Operators
37	Administrative/Support Services

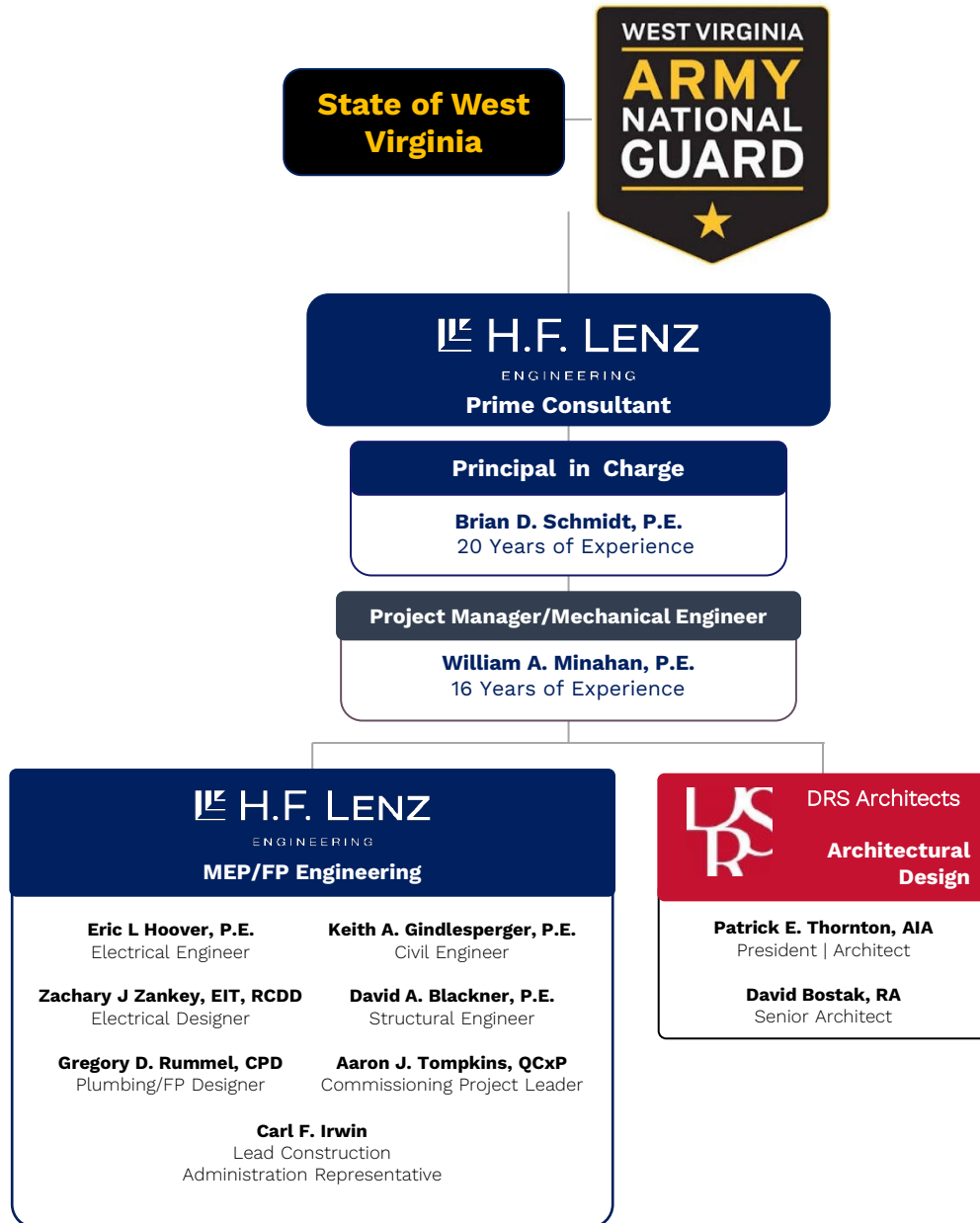
203 Total

TAB 3: ORGANIZATIONAL CHART

RESUMES

LICENSES







Education

Bachelor of Science, Electrical Engineering Technology, 2006, University of Pittsburgh at Johnstown

Experience

H.F. Lenz Company - 2006 - present

Professional Registration / Certification

Licensed Professional Engineer in PA, CA, FL, IN, NJ, NC, NV, NY, MD, OH, OK, SD, VA and WV

Completion of PTW Software and Power Systems Application Courses through IEEE • Completion of Battery Technology and Battery Monitoring through Liebert Corporation

References

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Facility Planning and Engineering
Laboratory Operations Center
National Energy Technology Laboratory
U.S. Department of Energy
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Albany OR 97321
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Joe Yimin
Sr. Project Manager
Carnegie Mellon University
Campus Design & Facility Development (CDFD)
417 S. Craig St.,
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(412) 268-3334
jyimin@andrew.com.edu

Brian D. Schmidt, P.E.

Principal-in-Charge

Mr. Schmidt is a Principal of the firm and an experienced Project Manager. He will serve as the main point of contact for the client and consultants for this project. His responsibilities include project scheduling, preparation of reports and cost estimates, coordination and supervision of project design teams, and other project management functions. Mr. Schmidt has over 19 years' experience in electrical engineering, including extensive experience in the design of design of generators, emergency lighting and power distribution systems; exterior medium-voltage underground and overhead pole line distribution systems; building interior and exterior electrical power distribution systems; lightning protection systems; computer room grounding systems and signal reference grid systems; uninterruptible power supply systems; paralleling and synchronizing switchgear; interior and exterior building lighting systems; site utilities; grounding systems; and signal, communication, security, and fire alarm systems. He also has extensive experience in electrical system modeling and computer calculations (SKM Power Tools).

Project Experience

Camp Dawson, U.S. Army National Guard, Kingwood, WV

- Three new billeting facilities

Carnegie Mellon University, Pittsburgh, PA

- Cyert Hall data center UPS replacement and exhaust modifications and battery monitoring
- Evaluation of SEI rooms and internal operations improvements to Data Center
- Pittsburgh Supercomputing Center infrastructure support

DOE National Energy Technology Lab, Morgantown, WV

- Primary Power Distribution Switchgear Upgrade: Specified reconditioning requirements for six vacuum breakers with electronic SEL relays; replaced ten electro-mechanical and six aged electronic relays, and provided medium voltage relay settings

NASA Goddard Space Flight Center, Greenbelt, MD

- Replaced electrical infrastructure, including 13.8 kV: 480V unit substations and 13.8 kV medium voltage switchgear in several buildings and areas to improve system reliability and safety

NASA Wallops Flight Facility, Wallops Island, VA

- Restoration of the Main Base electrical infrastructure; replaced 40,000 linear feet (6.6 miles) of direct burial cable with 15 kV, MV-105, shielded EPR cabling installed in directional board

Penn State University, University Park, PA

- IT facilities study of the existing data center known as the Computer Building and the new data center on Tower Road

Letterkenny Army Depot - Baltimore District, Chambersburg, PA

- Building 320 upgrades and renovations



Education

Bachelor of Science in Mechanical Engineering Technology, 2010, The University of Pittsburgh

Experience

H.F. Lenz Company 2010 – Present

Professional Registration / Certification

Licensed Professional Engineer in Pennsylvania

Professional Affiliations

ASHRAE – Johnstown, PA Chapter

References

Christopher L. Conroy, PE, CEM,
LEED APBD+C

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Campus Design and Facility
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Pittsburgh, PA 15213
412-268-3879
cconroy@andrew.cmu.edu

Ryan Shank, AIA
Design Project Manager | Capitol and
Historic Division
DGS Capital Programs |Bureau of
Design Management Arsenal Bldg.
1800 Herr St. Harrisburg PA 17125
717-783-2593
ryshank@pa.gov

William A. Minahan, P.E.

Project Manager/Mechanical Engineer

Mr. Minahan is a veteran who served as an aviation technician in the United States Navy and brings over 16 years of engineering experience. As Project Engineer, his responsibilities include code compliance verification, schematic layout, calculations, equipment selection, control system selection, and specification writing, along with coordination with the client, architect, regulatory agencies, and engineering staff; project scheduling; life cycle cost analyses; cost estimating; and other project management functions.

Project Experience

Carnegie Mellon University, Pittsburgh, PA

- Cyert Hall data center UPS replacement and exhaust modifications and battery monitoring

PA Army National Guard, Clearfield Readiness Center, Clearfield, PA

- Renovations and additions to a 49,760 SF, 25-acres Army National Guard Readiness Center

Pennsylvania State Police, Greensburg, PA

- New 31,000 SF State Police Headquarters building with forensics unit and various types of lab spaces

Loysville Youth Development Center, Perry County, PA

- Renovation to the 9,012 SF Zimmerman-Bingman (ZB) Cottage

National Energy Technology Laboratory (NETL), Various Locations

- Indefinite Delivery-Indefinite Quantity (IDIQ) contract for NETL facilities in Morgantown, WV, Bruceton, PA, and Albany, OR - Over 100 projects complete

Rachel Carson Building, Harrisburg, PA

- HVAC upgrades and renovations to the 400,800 SF state office building - Current DGS project

PA Army National Guard, Crane Readiness Center, Pittsburgh, PA

- Renovations and additions to a 26,700 SF Readiness Center

West Virginia University, Keyser, WV

- Potomac State College, Mary F. Shipper Library Study Rooms addition of a split system cooling unit HVAC

Pennsylvania National Guard, Ft. Indiantown Gap, Annville, PA

- New 14,400 SF multi-purpose facility, Youth Challenge Building, to provide students an area for dining, physical fitness training, recreational sports and activities, and a large assembly area for student graduations



Education

Bachelor of Electrical Engineering,
Concentration in Power, University
of Pittsburgh 2013

Experience

H.F. Lenz Company 2020 – Present,
Buro Happold Engineering 2015–
2020 Bombardier Transportation
2013–2015

Professional Registration / Certification

Licensed Professional Engineer in
PA, AL, AR, DC, DE, IA, KS, KY, LA,
MA, MD, MI, MN, MS, MO, SC, TN
and UT

Professional Affiliations

IEEE

References

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Samuel J. Dell, P.E.
Design Project Manager
Department of General Services
717-836-4856
sadell@pa.gov

Eric L. Hoover, P.E.

Electrical Engineer

Mr. Hoover is an established electrical engineer who has managed a wide variety of building construction projects. His experience covers a broad range of project sectors including airports, highrise commercial and residential, retail, cultural, higher education, and research laboratories. His skills include design of medium voltage and low voltage power distribution systems, emergency distribution systems, lighting and lighting control systems, fire alarm systems, and telecommunication distribution systems. He strives to collaborate with contractors, architects and owners to ensure that all project needs are met, and has a proven record of completing projects on time and within budget.

Project Experience

National Energy Technology Laboratory (NETL), Pittsburgh, PA

- Replacement of Building 94 basement switchgear (substations A & B) and electrical motor control centers (MCC1, MCC1E, and MCC2E)

NASA Goddard Space Flight Center, Greenbelt, MD

- ARC Flash and power system studies utilizing SKM Power Tools, as well as the design for electrical upgrades for the 1.4 million SF the campus, which included exterior and interior equipment and systems

DGS State Correctional Institutes, Various, PA

- **SCI Fayette**, La Belle, PA - Replacing a total of 160,283 SF existing flat building roof systems in their entirety
- **SCI Greene**, Waynesburg, PA - Upgrades to the existing generator switchgear, the existing main feeds from the transfer switch, the existing switchgear PLCs, the remote transfer switches at various locations - Current Project
- **SCI Mahanoy**, Frackville, PA - Replacement of switchgear and generator and required electrical upgrades including lightning protection system - Current Project
- **SCI Huntingdon**, Huntingdon, PA - Electrical power distribution upgrades of two service entrances, transformers, main-tie-main switchgear, parallel generators, low voltage switchgear, transfer switches, cabling and network controls

DGS Pennsylvania State Capitol Complex, Harrisburg, PA

- Electrical system upgrades, central plant building renovation and chiller system replacement

Pennsylvania State Police, Greensburg, PA

- New 31,000 SF State Police Headquarters

Temple University, Philadelphia, PA

- Christopher M. Barnett College of Public Health re-use renovations and new 306,000 SF construction for College of Public Health including switchgear replacement



Zachary J. Zanke, E.I.T., RCDD **Electrical/Telecommunications Designer**

Mr. Zanke is an electrical designer with experience in the telecommunications industry as an outside plant engineering consultant. His background in telecommunications includes project planning, fiber optic design, hi-cap and special circuit design, aerial, buried, and underground cable design, and collaborating with other utilities, consulting firms, contractors, and state and local governments. He has also had experience with the design and installation of security systems, door entry systems, security camera surveillance systems, and audible paging systems. As an electrical designer with H.F. Lenz Company, he has had involvement designing telecom, electrical, lighting, and fire alarm systems for buildings. Zach has also performed several arc flash and coordination studies.

Education

Bachelor of Science, Electrical Engineering Technology, 2003, University of Pittsburgh at Johnstown

Experience

H.F. Lenz Company 2011-Present • Outside Plant Engineering Consultant with Verizon North, Inc. 2003-2010

Professional Affiliations

Engineer in Training, PA

References

Susan M. Glass
Time Warner Cable
724-731-3133

Michael Lamore
Senior Engineer
Yale University
203-436-8306

Project Experience

Carnegie Mellon University, Pittsburgh, PA

- Cyert Hall data center UPS replacement and additional facility study and evaluation

National Energy Technology Laboratory (NETL), Morgantown, WV, Pittsburgh, PA, and Albany, OR

- Telecommunications designer to provide for the main data center relocation and upgrade of the copper and optical fiber cabling plant for their campuses in West Virginia, Pennsylvania, and Oregon

Confidential Clients

- UPS replacement for financial service center
- Full-service E/A contract for this Global Financial Company's build-out of a 50,000 SF data center within an existing space, supporting MEP spaces, and office area; Included was the design of a 16,450 SF Media Storage area

Yale University, New Haven, CT

- Telecommunications designer for relocation and consolidation of Yale University's central campus telecom switch room, a critical telecom operation supporting approximately 100 buildings

Pennsylvania State Police, Greensburg, PA

- New 31,000 SF State Police Headquarters building

Veterans Affairs Medical Center, Lebanon, PA

- Telecommunications designer for a campus-wide IT study and design for fiber optic upgrade and capacity expansion and renovate the main computer room/data center building

Community College of Allegheny County (CCAC), Pittsburgh, PA

- Communication Cable Rerouting at Work Force Development and Training Center



Education

Bachelor of Science, Mechanical Engineering Technology, 2000, Point Park College

Associate in Specialized Technology 1984, Architectural Drafting and Construction with CAD Technology, Triangle Institute of Technology

Experience

H.F. Lenz Company 1989- Present

Newport News Ship Building 1984-1989

Professional Registration / Certification

Certified in Plumbing Design, ASPE

References

Todd Sanders
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Allen.lichvar@netl.dow.gov

Gregory D. Rummel, CPD Plumbing/Fire Protection Designer

Mr. Rummel has designed complete plumbing and fire protection systems for parks and recreational facilities, colleges, schools, office buildings, industrial facilities, and military installations. He is fully knowledgeable of NFPA codes and is experienced in the design of wet, dry, preaction, FM200, and deluge fire protection systems. He is responsible for plumbing and sprinkler system design, layout, and calculations; selection and sizing of equipment; cost estimates; and site survey work. Mr. Rummel supervises drafting personnel; coordinates the plumbing design with utility companies, with other trades, and with the Project Engineer and Project Architect; and is responsible for assembling complete and accurate plumbing bid documents which meet H.F. Lenz Company standards.

Project Experience

Camp Dawson, U.S. Army National Guard, Kingwood, WV

- Three new billeting facilities

Carnegie Mellon University, Pittsburgh, PA

- Cyert Hall data center UPS replacement and additional facility study and evaluation
- Evaluation of SEI rooms and internal operations improvements to Data Center
- CIC building parallel data lab upgrades

DGS State Correctional Institute, Various

- **SCI Huntingdon**, Huntingdon, PA - Electrical distribution system upgrades including two new service entrances, transformers, main-tie-main switchgear, parallel generators, low voltage switchgear, transfer switches, cabling and network controls
- **SCI Greene**, Waynesburg, PA - Upgrades to the existing generator switchgear, upgrades to the existing main feeds from the transfer switch, the existing switchgear PLCs, the remote transfer switches at various locations and upgrades to the remote annunciators for the generators
- **SCI Mahanoy**, Frackville, PA - Repair/renovations and replacement to switchgear and generator and required electrical upgrades; large generator and revising the distribution panels as needed and two 1K generator to be replaced by 2K ones

NASA Goddard Space Flight Center, Greenbelt, MD

- Replaced electrical infrastructure, including 13.8 kV medium voltage switchgear in several buildings

National Energy Technology Laboratory (NETL), Various Locations

- Indefinite Delivery-Indefinite Quantity (IDIQ) contract for NETL facilities in Morgantown, WV, Bruceton, PA, and Albany, OR - Over 100 projects complete

Pennsylvania Army National Guard Facilities

- Crane - Renovation of 26,700 SF reserve center
- New Castle - Renovation of 23,000 SF Readiness Center
- Clearfield - Renovation of 49,760 SF Readiness Center



Education

Bachelor of Science, Civil Engineering Technology, 1998, University of Pittsburgh at Johnstown

Experience

H.F. Lenz Company 1998 – Present

Professional Registration / Certification

Licensed Professional Engineer in PA, CO, FL, GA, ID, IN, MD, NV, OR, OK, TX, UT, VA, and WV

References

Tim Kirsch
Sr. Director, Capital Projects
Robert Morris University
1001 University Blvd.
Moon Township, PA 15108
412-397-6282

Andrew Schwartz
Environmental Planning and Design
100 Ross Street, Suite 500
Pittsburgh, PA 15219
421-261-6000
AndrewSchwartz@epd-pgh.com

Keith A. Gindlesperger, P.E. Principal/Lead Civil Engineer

Mr. Gindlesperger is a Vice President of H.F. Lenz Company and leads our Civil Engineering Team. He has over 27 years' extensive experience in civil engineering, site planning and design for military bases, DOD projects and secure facilities. He is responsible for interfacing with the Client to review the program, budget, contractual matters, establish responsibilities and allocate personnel and firm resources. His responsibilities also include overseeing site design, site utilities, parking and traffic circulation, roadway design, stormwater management, erosion and sedimentation control and permitting.

Project Experience

Clearfield Readiness Center, Clearfield, PA

- Renovations and additions to a 49,760 SF, 25-acres Readiness Center

NASA Wallops Flight Facility, Wallops Island, VA

- Restoration of the Main Base electrical infrastructure; replaced 40,000 linear feet (6.6 miles) of direct burial cable with 15 kV, MV-105, shielded EPR cabling installed in directional board

Letterkenny Army Depot - Baltimore District, Chambersburg, PA

- Seven consecutive IDIQ contracts at Letterkenny Army Depot for Civil Engineering throughout the base: Integrated Contingency Plan; Master Planning Services; LEAD/LEMC New Rocket Motor Destruction Facility & Site Design

National Energy Technology Laboratory (NETL), Various Locations

- Civil/site design for building renovations and utilities projects at NETL sites West Virginia and Pennsylvania

911th Airlift Wing, U.S. Air Force Reserve, Greater Pittsburgh International Airport - Coraopolis, PA

- Various renovations and new construction under two term contracts

SAIA Motor Freight Line LLC, Various States

- Principal-in-Charge of multi-discipline engineering services for new and renovated trucking terminals across the U.S. including recent project at Parkersburg, West Virginia

West Virginia University, Morgantown, WV

- Site design for the new Ag Sciences Building II; included site utilities, grading and drainage plan, stormwater management plan, erosion and sedimentation control plan, WV DEP Permitting, Morgantown Utility Board Approvals

United Parcel Service, Parkersburg, WV

- Evaluation and analysis of the existing pavement structure and design of a pavement management plan for the facility. Provided construction documents and construction observation services



David A. Blackner, P.E. **Structural Engineer**

Mr. Blackner is responsible for the complete layout, design and detailing of building structural systems. He has diverse experience in the structural analysis and design of projects involving steel, engineered masonry, reinforced cast-in-place concrete, pre-cast/pre-stressed concrete and wood frame structures. He is proficient in multiple analysis platforms (STAAD, RAM Structural Systems, 3-D Analysis and Finite Elements). He also oversees structural coordination with other trades, as well as conducting periodic site visits related to the structural work.

Project Experience

Education

Associate, Mechanical Engineering Technology, 1988, Pennsylvania State University
Associate, Architectural Engineering Technology, 1988, Pennsylvania State University

Experience

H.F. Lenz Company 1998-Present

L. Robert Kimball & Associates 1995-1998

George D. Zamias Developer 1989-1995

Professional Registration / Certification

Licensed Professional Structural Engineer in PA, CO, CT, DE, GA, ME, MD MA, NY, and NC

Licensed Professional Civil Engineer in AZ

References

Carl Rundquist, P.E.
PA DGS, Bureau of Pre-Construction
684 Lake Wilhelm Rd, Sandy Lake, PA 16145
717-346-5959
crundquist@pa.gov

Paul Rothgery
Project Manager
National Parks Service
12795 West Alameda Parkway
Denver, CO 80225
303-987-6685
Paul_Rothgery@nps.gov

Confidential Client

- UPS replacement to confidential insurance service center

525 William Penn Place, Pittsburgh, PA

- Structural analysis and modifications to the existing 9th floor of this 41-story high-rise office building to accommodate new uninterruptable power supply (UPS) equipment.
- Structural analysis of a portion of the 34th floor to accommodate a large safe and flat files.

Confidential Data Center, Eastern U.S.

- New 3.3 MW data center, including working directly with an equipment supplier to design seismic bases for their components to be installed in this highly secure facility

Confidential Data Center, OH

- New 99,000 SF mission critical data center on a 19-acre greenfield site; LEED Silver

Letterkenny Army Depot - Baltimore District, Chambersburg, PA

- Seven consecutive IDIQ contracts at Letterkenny Army Depot
- Renovations to the Vehicle Painting Building (Building 320)
- Renovations to the new Component Rebuild Facility (Building 350)
- Design analysis of a portion of the existing roof structure to support exhaust hoods to be installed within Building 377

DGS Pennsylvania State Capitol Complex, Harrisburg, PA

- Electrical system upgrades and central plant building renovation

PA Army National Guard Clearfield Readiness Center, PA

- Renovations and additions to a 49,760 SF, 25-acre Readiness Center, including Force Protection enhancements, energy upgrades and general repairs

U.S. Air Force, 911th Airlift Group/CE, Greater Pittsburgh International Airport, Coraopolis, PA

- Expansion of Building 130

DEA Building, Pittsburgh, PA

- Tenant fit-out improvements and a new high-density file storage system



Aaron J. Tompkins, QCxP **Commissioning Project Leader**

With over 30 years of experience, Mr. Tompkins is knowledgeable in all aspects of general construction from design to final field installations which includes not only foundations and framing systems for civil/structural projects but also includes mechanical systems, project management including estimating and bidding; construction management; and systems commissioning. His responsibilities include Project Administration, submittal review, RFI review, Project Meeting Attendance, Project Documentation, Site inspections, and testing.

Project Experience

Education

Bachelor of Sciences 1994,
Geology, University of Pittsburgh
at Johnstown

Experience

H.F. Lenz Company 2006-
Present • LANCORP Advanced
Systems 2000-2006 • Griffith &
Petz, Inc. 1992-2000

Certification

Qualified Commissioning Process
Provider (QCxP)

Professional Affiliations

American Society of Plumbing
Engineers (ASPE)

State Correctional Institute (SCI), Various

- **SCI Mahanoy** - Field Services for upgrade the existing generator switchgear, generators, and replace existing electrical - current project
- **SCI Greene** - Field Services for upgrade the existing generator switchgear, the existing main feeds from the transfer switch, the existing switchgear PLCs, the remote transfer switches at various locations and upgrade the remote annunciators for the generators -current project
- **SCI Huntingdon** - Field Services for electrical power distribution upgrades of the four original cell blocks, plus the two newer cell blocks in the maximum security correctional institution houses - DGS project
- **SCI Benner** - Field Services for the electrical engineering services for the new 590,000 SF facility which consists of 26 individual buildings on an 88-acre site

Letterkenny Army Depot - Baltimore District, Chambersburg, PA

- Commissioning services for renovations to the new Component Rebuild Facility (Building 350)

Clearfield Readiness Center, Clearfield, PA

- Renovations and additions to a 49,760 SF, 25-acres Army National Guard Readiness Center

Shippensburg University, Shippensburg, PA

- \$7.5 million upgrade to the campus electrical distribution system, included over 40 buildings (DGS Project)
- Phase II of the telecommunications project to complete the campus fiber optic ring and create a path to a backup redundant data center

Fannie Mae Reston Gateway, Reston, VA

- LEED-CI Fundamental & Enhanced Commissioning for 850,000 SF of tenant improvements in a new, 22 story, multi-office tower. Commissioned systems include centralized UPS, critical cooling systems, kitchen/server air handling systems, standby power generators, and office space air distribution



Education

Bachelor of Science in Theology,
1979, Nyack College

Experience

H.F. Lenz Company 2001-Present
Lees Construction 2000-2001
Pastor Connellsville C&MA
Church 2000-2001 • Pastor
Johnstown C&MA Church 1986-
2000 • Pastor Flushing C&MA
Church 1979-1982

References

Kevin D. Gibson, PE
Chief Facilities Management
Department of Corrections
717-728-4173
kegibson@pa.gov

David Dunn
Division of Facilities Services
University of Pennsylvania
215-898-8803
ddunn@pobox.upenn.edu

Carl F. Irwin

Lead Construction Administration Representative

Mr. Irwin serves as a Construction Administration Representative in all types of heating, ventilating, air conditioning, plumbing, fire protection, electrical, building management, automatic temperature control, structural, and site utility projects. He is responsible for carrying out the company standard of quality during construction. His responsibilities include pre-design site surveys; on-site troubleshooting; mechanical/electrical coordination; monitoring and observing construction workmanship to ensure conformity with the contract documents; enforcing applicable codes during construction; attending construction and coordination meetings; providing cost estimates for contract revisions; and reviewing vendor/contractor submittals.

Project Experience

Confidential Client, Eastern U.S.

- New 148,000 SF colocation data center, electrical aspects included six electrical distribution blocks including a pair of non-paralleled 1000kVA UPS systems on a 3750kVA unit substation backed-up by a single 3000kW exterior packaged generator

Torrance State Hospital, Torrance, PA

- Electrical upgrades for Torrance State Hospital

Pennsylvania American Water Company, Claysville, PA

- Electrical and generator upgrades to wastewater facility

Greater Johnstown Career and Technology Center, Johnstown, PA

- Arc flash coordination study and electrical upgrades

WVU Medicine, J.W. Ruby Memorial Hospital, Morgantown, WV

- New 176,000 SF addition and renovation of 47,000 SF existing hospital, and a new central utility plant to serve 878,000 SF of clinical space

Hershel "Woody" Williams VA Medical Center, Huntingdon, PA

- HVAC retrofit serving 36,000 SF and chiller/cooling tower addition

Pennsylvania Army National Guard, Johnstown, PA

- New 23,560 SF regional maintenance facility

State Correctional Institute (SCI), Somerset, PA

- Replacement of central heating plant boilers, pumps, and all associated equipment, rooftop units on two cell blocks

University of Pennsylvania, Philadelphia, PA

- John Morgan Building analysis and renovation of electrical distribution systems
- Chemistry Department laboratories electrical improvements
- Renovation of 1920 Commons and generator upgrades



David Bostak, RA

Senior Architect | **Project Manager**



DRS Architects

One Gateway Center, 17th Floor
Pittsburgh, Pennsylvania 15222
412-391-4850
dbostak@drsarchitects.com

David returned to DRS in 2024 after a brief hiatus to provide studio leadership and to bring his technical expertise to bear on our projects. He is a champion of technology in our industry, ensuring our team is leveraging its value on each and every task. As an advanced BIM user, David manages standards and education within our organization.

David is also a strong designer, developing solutions and carefully coordinating with both his in-house teammates and external consultants. His understanding of modern building systems and emerging technologies in the construction industry are evident in his well-crafted technical solutions.

Education:

Virginia Polytechnic Institute and State University
Bachelor of Architecture, 1999
Anne Arundel Community College
Associate in Arts, Cum Laude Honors, 1994
Tau Alpha Pi National Honor Society

Current Registrations:

Architect, State of Pennsylvania
LEED Accredited Professional

Technical Organizations:

National Council of Architectural
Registration Boards (NCARB)
U.S. Green Building Council (USGBC)
Autodesk University (2011/2020/2021)

Featured Representative Personal Experience:

DGS Pennsylvania State Police DNA Facility
Greensburg, PA
University of Pittsburgh Salk Hall Renovations
Pittsburgh, PA
DOE/NETL Building 34 Advanced Alloy Facility
Albany, Oregon
DOE/NETL Building 30 Improvements
Albany, Oregon
DOE/NETL Building 94 Lab Renovations
Pittsburgh, PA
Clarion University Moore Hall
Clarion University Stevens Hall
Social Security Administration Tenant Improvements
Johnstown, PA
UPMC Children's Hospital TV/Radio and Art Therapy
Pittsburgh, PA



Patrick E. Thornton, AIA

President, **DRS Architects**
Partner, Sixmo Companies



Sixmo Companies

1101 Auburn Avenue
Cleveland, Ohio 44113
216-767-5400
patrick@sixmocompanies.com

Patrick Thornton is a proud graduate of Kent State University with over thirty years of experience in the design and construction realm. Patrick has a passion for client relationship development and maintenance that he can demonstrate on a wide breadth of project types. Through a broad range of experience, he has developed problem-solving skills that can be applied to any market or client type, from residential to commercial, municipal to industrial. A drive to constantly improve as a professional inspired Patrick to become a Master Plans Examiner.

Professional Reference:

Mayor Paul Koomar
The City of Bay Village
440-899-3415
pkoomar@cityofbayvillage.com

Education:

Kent State University
Bachelor of Science in Architecture, 1996

Current Registrations:

Architect, State of West Virginia—Credential No. 5137

Architect, State of Connecticut
Architect, State of Florida
Architect, State of Illinois
Architect, State of Indiana
Architect, State of Kentucky
Architect, State of Maryland
Architect, State of Michigan
Architect, State of North Carolina
Architect, State of Nebraska
Architect, State of New York
Architect, State of Ohio
Architect, State of Oregon
Architect, State of Pennsylvania
Architect, State of Utah
Architect, State of Wisconsin
Commercial Building Official, State of Ohio
Combination Plans Examiner State of Ohio
Commercial Building Inspector, State of Ohio
Residential Electrical Inspector, State of Ohio
Building Code Plans Examiner, State of West Virginia
LEED Accredited Professional

Technical Organizations:

American Institute of Architects (AIA)
International Code Council (ICC)
National Council of Architectural
Registration Boards (NCARB)
US Green Building Council (USGBC)

Featured Representative Personal Experience:

New Police Station /Firing Range | Bay Village, OH*
New Satellite Fire Stations | Stow, OH*

*Indicates a project that was completed while under the employment of another organization

Your **ACTIVE PE** renewal fee has been received...

Your ACTIVE PE renewal fee has been received. Your pocket card indicating you are entitled to practice engineering in West Virginia until the noted expiration date may be detached and used unless invalidated as a result of Board audit of your renewal form or formal disciplinary action.

IMPORTANT REMINDERS:

1. Please include your WV ACTIVE PE license number on any correspondence to this office.
2. To use this license as a pocket card, please cut along the dotted line and laminate if desired.
3. You are required to immediately notify the Board, in writing, of the following: loss or theft of license or seal, any name change, any address change, or any employment change.

West Virginia State Board of Registration for Professional Engineers

300 Capitol Street, Suite 910
Charleston, West Virginia 25301
304-558-3554 Phone
800-324-6170 Toll Free
www.wvpebd.gov

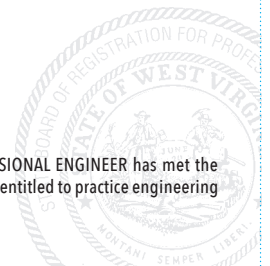
THIS IS ONE FORM OF YOUR RENEWAL RECEIPT

PLEASE SAVE THIS FOR YOUR RECORDS



West Virginia State Board of Registration
for Professional Engineers

This is to certify that the above named PROFESSIONAL ENGINEER has met the requirements of the law, is duly registered and is entitled to practice engineering in the State of West Virginia.





Commonwealth of Pennsylvania- Department of State
Bureau of Professional and Occupational Affairs



Mailing Address P.O. Box 2649, Harrisburg, PA 17105

Toll Free: 1-833-DOS-BPOA

BRIAN DONALD SCHMIDT

License Number : PE078740 Initial License Date : 02/28/2011 Expiration Date : 09/30/2027
License Type : Professional Engineer License Status as of 9/25/2025 : Active
Issued By : State Registration Board for Professional Engineers, Land Surveyors and Geologists
Address : 155 GERRY LN, JOHNSTOWN, PA 15904



Arion R. Claggett

Acting Commissioner Arion R. Claggett

Brian D. Schmidt

Signature of Licensee



Please verify the license by visiting <https://www.pals.pa.gov/verify> or by scanning the QR Code

202509242106



**Commonwealth of Pennsylvania- Department of State
Bureau of Professional and Occupational Affairs**

Mailing Address P.O. Box 2649, Harrisburg, PA 17105

Toll Free: 1-833-DOS-BPOA



WILLIAM ANDREW MINAHAN

License Number : PE084434 **Initial License Date** : 12/23/2015 **Expiration Date** : 09/30/2027
License Type : Professional Engineer **License Status as of 8/20/2025** : Active
Issued By : State Registration Board for Professional Engineers, Land Surveyors and Geologists
Address : 106 JONES AVE, Windber, PA 15963



Arion R. Claggett

Acting Commissioner Arion R. Claggett

William Andrew Minahan

Signature of Licensee



Please verify the license by visiting <https://www.pals.pa.gov/verify> or by scanning the QR Code

20250819801



Commonwealth of Pennsylvania- Department of State
Bureau of Professional and Occupational Affairs



Mailing Address P.O. Box 2649, Harrisburg, PA 17105

Toll Free: 1-833-DOS-BPOA

ERIC LEE HOOVER

License Number : PE091125 Initial License Date : 04/24/2020 Expiration Date : 09/30/2027
License Type : Professional Engineer License Status as of 9/12/2025 : Active
Issued By : State Registration Board for Professional Engineers, Land Surveyors and Geologists
Address : 254 BARRISTER DR, SOMERSET, PA 15501



Arion R. Claggett

Acting Commissioner Arion R. Claggett

Eric Hoover

Signature of Licensee



Please verify the license by visiting <https://www.pals.pa.gov/verify> or by scanning the QR Code

202509111340



Commonwealth of Pennsylvania- Department of State
Bureau of Professional and Occupational Affairs



Mailing Address P.O. Box 2649, Harrisburg, PA 17105

Toll Free: 1-833-DOS-BPOA

KEITH A GINDLESPERGER

License Number : PE059080 Initial License Date : 12/21/2004 Expiration Date : 09/30/2027
License Type : Professional Engineer License Status as of 9/27/2025 : Active
Issued By : State Registration Board for Professional Engineers, Land Surveyors and Geologists
Address : 841 VERLA DRIVE, Windber, PA 15963



Arion R. Claggett

Acting Commissioner Arion R. Claggett

Signature of Licensee



Please verify the license by visiting <https://www.pals.pa.gov/verify> or by scanning the QR Code

202509261778

Your **ACTIVE PE** renewal fee has been received...

Your ACTIVE PE renewal fee has been received. Your pocket card indicating you are entitled to practice engineering in West Virginia until the noted expiration date may be detached and used unless invalidated as a result of Board audit of your renewal form or formal disciplinary action.

IMPORTANT REMINDERS:

1. Please include your WV ACTIVE PE license number on any correspondence to this office.
2. To use this license as a pocket card, please cut along the dotted line and laminate if desired.
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West Virginia State Board of Registration for Professional Engineers

300 Capitol Street, Suite 910
Charleston, West Virginia 25301
304-558-3554 Phone
800-324-6170 Toll Free
www.wvpebd.gov

THIS IS ONE FORM OF YOUR RENEWAL RECEIPT

PLEASE SAVE THIS FOR YOUR RECORDS

Date of Renewal: December 23, 2024
Amount Paid: \$63.00



West Virginia State Board of Registration
for Professional Engineers

KEITH A. GINDLESPERGER
WV PE #019436

This is to certify that the above named PROFESSIONAL ENGINEER has met the requirements of the law, is duly registered and is entitled to practice engineering in the State of West Virginia.

EXPIRES December 31, 2026

KEITH A. GINDLESPERGER
841 VERLA DRIVE
WINDBER, PA 15963



Commonwealth of Pennsylvania- Department of State
Bureau of Professional and Occupational Affairs



Mailing Address P.O. Box 2649, Harrisburg, PA 17105

Toll Free: 1-833-DOS-BPOA

DAVID ALAN BLACKNER

License Number : PE060955 Initial License Date : 06/05/2003 Expiration Date : 09/30/2027
License Type : Professional Engineer License Status as of 9/12/2025 : Active
Issued By : State Registration Board for Professional Engineers, Land Surveyors and Geologists
Address : 3427 MENOHER BOULEVARD, JOHNSTOWN, PA 15905



Arion R. Claggett

Acting Commissioner Arion R. Claggett

David Alan Blackner

Signature of Licensee



Please verify the license by visiting <https://www.pals.pa.gov/verify> or by scanning the QR Code

202509112017

TAB 4: PRIOR RELEVANT EXPERIENCE





Carnegie Mellon University

Pittsburgh, PA

Cyert Hall Data Center UPS System Replacement and Room Modifications

H.F. Lenz Company provided multi-discipline engineering services for a series of upgrades and modifications to the UPS System within the Cyert Hall Data Center for Carnegie Mellon University.

Background

H.F. Lenz Company has worked with Carnegie Mellon University for over 20 years, including various projects in Cyert Hall. In the early 2000s, HFL performed a study at Cyert Hall for their generator, analyzing the spare capacity remaining on the generator. The report also provided an analysis of the existing UPS serving the computer room. In 2018, HFL completed a detailed engineering analysis of the building infrastructure of Cyert Hall to investigate the conceptual development of a supporting High Performance Computing within the Data Center.

Currently, Cyert Hall serves as the hub for the school's Office of Graduate and Postdoctoral Affairs as well as the home of the University's Computing Services Help Center, which manages secure campus functions such as student ID cards and offers both a 24/7 computer lab and computer user support.

The building and its accompanying data center serve as support for critical operations for faculty and students, making uninterrupted and efficient power supplies a necessity. Understanding the requirements, history, and demand of the facility was an imperative first step for striving to develop and execute accurate and cost-effective recommendations.

UPS System Study and Replacement

The project initially began with a proactive study to analyze the existing UPS system and make recommendations for future replacement. The system, which had been installed in 2007 and was responsible for critical loads in the Data Hall, was several years away from reaching its end of service date. The team completed a detailed engineering analysis, including evaluation of electrical service and distribution, generator power, and battery technologies, and provided six comprehensive options for relocation and renovation with associated cost summaries. The replacement and cost suggestions were developed with the intention of phased construction sequences to keep the UPS system active throughout construction.

Services

Mechanical, Electrical, Structural

Square Footage

Cyert Hall Data Center: 4,544 SF

Completed

Services Began 2019 - Study Completed 2021 -

Construction Current

References

Joseph L. Yimin

Sr. Project Manager

Campus Design & Facility Development

Carnegie Mellon University

jyimin@andrew.cmu.edu

412-268-3334

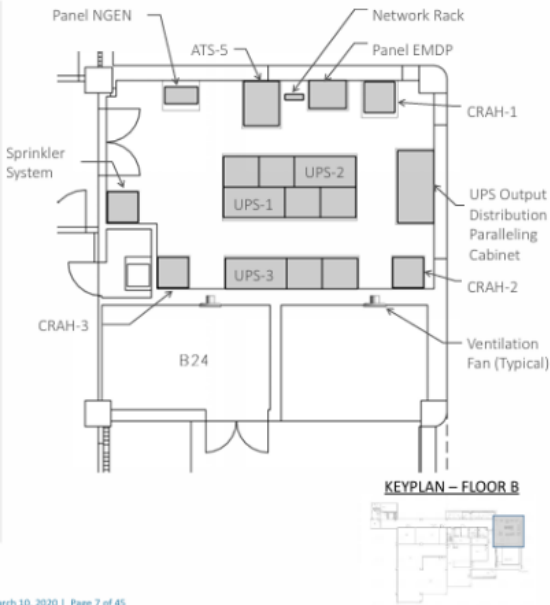
Pete Brinder

Carnegie Mellon University

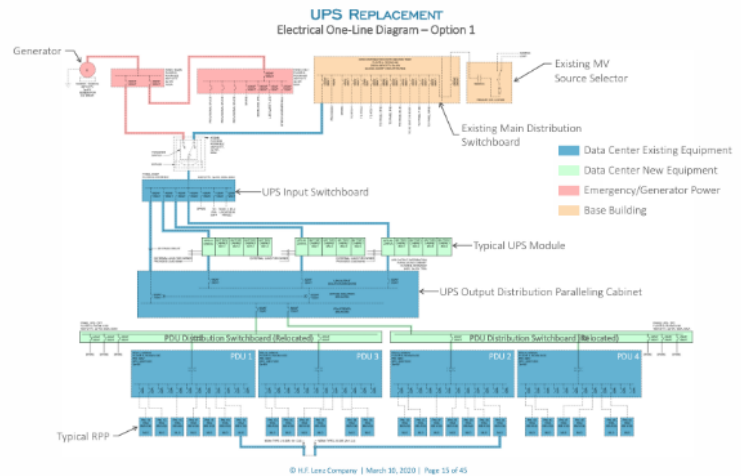
412-268-8582

pete@CMU.edu

EXISTING CONDITIONS - FLOOR B



Because of our familiarity with the facility and systems, the HFL team was well prepared to execute further phases of development for the project. Following the study, we were contracted to provide the engineering services necessary for the replacement of the UPS system and related equipment. Services included but were not limited to the preparation of construction documents, based on design development drawings completed during the study, as well as construction administration services.



The option chosen by the university involved demolition of existing UPS modules and VRLA Batteries, relocation of PDU Distribution Switchboards, and the installation of three 225kVA UPS modules to match the existing configuration, upgraded with Lithium Ion Batteries.

Exhaust and Battery Modifications

CMU further contracted HFL for mechanical and structural engineering for additional upgrades to Room B22, which houses the UPS System. The university wished to redesign the exhaust system to discharge outside of the building, which also required lintel design to support the installation of the exhaust louvers. The modifications also included the incorporation of an early warning battery monitoring system.





WEST VIRGINIA EDUCATIONAL BROADCASTING AUTHORITY

Generator and UPS Upgrades

Charleston, WV

Services

Construction Administration

Cost

\$3 million est.

Completed

2023

Reference

Mr. Dale Malcomb
Information Technology
Manager
304-254-7858
304-222-9252 cell
dmalcomb@wvpublic.org

H.F. Lenz Company provided evaluation, design and construction administration for electrical projects involving generator replacements and uninterruptible power supplies at multiple public broadcasting sites in West Virginia. The broadcast sites were experiencing power outages and brownouts that were causing interruption to the services. The Broadcasting Authority desired to upgrade the generators to cover the whole of the buildings, including HVAC units and non-broadcast equipment. The scope of work included an engineering study to determine current demands and loads and planned future growth. Design documents were produced indicating existing conditions and the overall plan for replacing the systems. Cost estimates were developed for system replacements and for the removal of outdated equipment. Design documents were prepared for broadcasting sites in Beckley and Charleston, WV.



CARNEGIE MELLON UNIVERSITY

SEI Data Center

Pittsburgh, PA

Services

Mechanical, Electrical,
Plumbing and Fire Protection

Reference

Harold Major – Campus
Design & Facilities
Development
Carnegie Mellon University
412-268-5020
hmaj@andrew.cmu.edu

The Software Engineering Institute (SEI) at Carnegie Mellon University serves the nation as a federally funded research and development center. The SEI works with governmental agencies, industry, and academia to improve software-intensive systems.

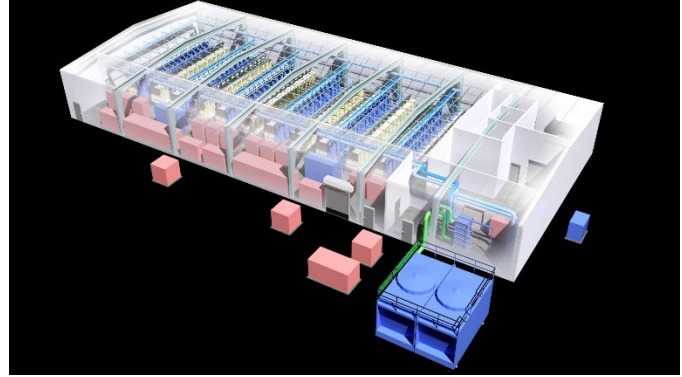
The first phase of the project consisted of an evaluation of the SEI's machine rooms and the associated critical infrastructure. The objective was to improve the internal operations and reliability of the data center. Issues investigated included load densities, water within the machine rooms, cooling options, ventilation, backup power generation, existing equipment age, and space configuration and utilization.

Key Elements of the Study Included:

- New 240 kVA UPS System
- Electrical distribution upgrade
- Six (6) 30-ton CRAC units
- New automatic temperature controls
- New drytype sprinkler system
- Fire alarm upgrade

The reconfiguration of the machine room was designed to increase cooling to the racks, improve security, and provide for improved maintenance access. A new building automation system was also installed to improve reliability and monitoring.

The project involved multiple phases to implement the systems changeover while maintaining full operations



CARNEGIE MELLON UNIVERSITY

Pittsburgh Supercomputing Center

Pittsburgh, PA

Services

Mechanical, Electrical,
Plumbing and Fire
Protection

Cost Estimate

\$15,000,000

Completed

2019 (Study)

Carnegie Mellon University, in conjunction with the Pittsburgh Supercomputing Center (PSC), responded to a National Science Foundation solicitation (Program Solicitation NSF 17-558) for a Leadership-Class Computing Facility. To support this effort, H.F. Lenz Company was requested to review available information and develop a construction cost budget for a building and support infrastructure in which the computer system could be housed and operated.

Key Elements Included:

- Met with representatives from CMU and PSC to develop an understanding of the computing system physical, mechanical, and electrical requirements
- Developed building plans, electrical system one-line diagram, and mechanical system diagram, for a facility, which could support the computer system and meet the solicitation requirements for availability
- Power density based on $\pm 30\text{kW}$ per cabinet. Total power available to data hall = 5MW
- The facility needed to focus on a low-cost design solution to support the competitive nature of such a pursuit with the National Science Foundation
- The facility will be modular in nature with the ability to add future compute capacity while minimizing risk to an ongoing operation
- The proposed new facility is to be new build located at the existing PSC site located in Monroeville, Pennsylvania. The purpose of siting the facility at this location is to take advantage of the existing connectivity associated with the existing PSC operations
- Structural Engineering and Architectural considerations were incorporated into the plans
- Developed a construction budget for the proposed facility
- Developed and presented a summary of our findings and concept for the facility to the appropriate parties at Carnegie Mellon University



PENN STATE UNIVERSITY

IT Facilities Studies

University Park, PA

Services

Mechanical, Electrical,
Plumbing and Fire
Protection

Completed

2019 (Study)
Current - Open End
Contract

IT Facilities Study

Given the need for additional computing capacity and the anticipated capital expenditure, Penn State is looking at various options to achieve this objective while considering risk of ongoing operations, risk of implementation, implementation cost, and facility performance. The objective of this engineering study was to evaluate the facilities and MEP infrastructure as to align with the long-term technology needs within Penn State's master planning effort. This IT facilities study focused on the existing data center known as the Computer Building and the new data center on Tower Road. H.F. Lenz Company is also currently the engineer of record for the Open-end contract with the University's Data Center projects.

The Computer Building

Originally constructed in 1964, is a 65,000 SF facility with approximately 14,550 SF of raised floor. This study included an investigation of the facility's mechanical, electrical, fire protection, and telecommunications systems along with a description of challenges and limitations for project implementation.

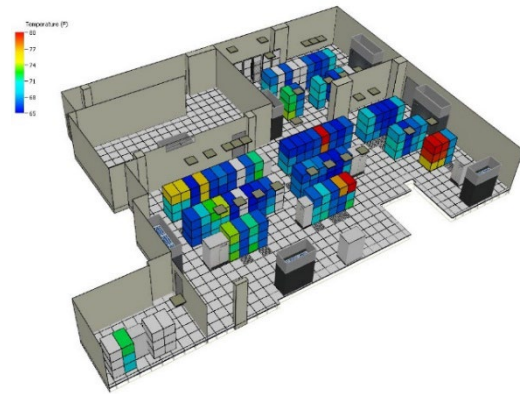
The Tower Road Data Center

A 56,000 SF two-story data center with 11,000 SF of white space supporting a combination of Tier III and Tier I loads. The facility supports both enterprise and research applications and also serves as the disaster recovery site for Hershey Medical Center. The study for this facility included investigating options for generator, switchgear controls, and chilled water plant upgrades. Also included were assessments for UPS system and CRAC unit replacements.

The following options were presented in the final report:

- Address air flow issues in the Computer Building data center in its current white space configuration
- Two options for increasing the critical load capacity in the Computer Building
- Two options for increasing the critical load capacity in the Tower Road data center
- Two options for redistributing the existing Tier III and Tier I critical load capacity

The study also contained a cost model that included capital project costs over a 10-year period.



YALE UNIVERSITY

Addition of New Generator to Data Center and Data Center Upgrades

New Haven, CT

Services

Mechanical, Electrical,
Plumbing and Fire
Protection

Square Footage

4,500 - Generator
Project

Completed

2019 - Generator Project
2024 - Data Center
Upgrades

Cost

\$970,000 - Data Center
Upgrades

Reference

Mr. John A. Schaefer
Assoc. Director, Utilities
Construction
Project Management
203-432-7820

New Generator

H.F. Lenz Company provided the electrical, mechanical, and fire protection engineering services for upgrades to the infrastructure at Yale's 4,500 SF West Campus administrative data center. The overall project involved the planning, design, construction, and commission phases of various electrical infrastructure improvements. The generator project consisted of adding a new 500 kW backup diesel generator with a 2,000 gallon remote fuel tank and 250 feet of duct bank to protect feeders. The new generator is tied into an existing ATS. A new EPO system and shunt trips were also installed. HFL also provided commissioning services and functional testing for the new equipment.

Other work performed by H.F. Lenz Company at this data center included the replacement and upgrade of data center UPS and power feeders.

Data Center Upgrades

H.F. Lenz Company has also currently completed various data center upgrades which included redundant UPS / PDU / Distribution upgrades to provide additional electrical capacity for High-Speed Performance Computing



H.F. Lenz Company brings extensive experience working with some of the world's largest data center providers. Due to many of our major projects are subject to strict confidentiality requirements, we're unable to disclose client names or locations, however, a few recent project examples are highlighted below.

Confidential Client

UPS Replacement and Electrical Modifications in an Active Data Center, which involved an operating data center, consisted of replacing the UPS System, battery room modifications, and ancillary electrical system modifications.

Key features:

- Investigate existing conditions—available floor space, electrical system configuration, equipment access, loading capacity of floor structural capacity
- Design and installation of four (4) new 500 kVA UPS modules in an N+1 configuration and a 3000A Systems Control Cabinet in same room as five (5) existing 400 kVA UPS modules while existing UPS system remained in operation
- Modified existing UPS battery feeders and batteries in remote battery room to permit the installation of the new battery strings for the modules associated with the new UPS System
- Designed associated electrical system modifications including temporary and permanent feeders
- Designed HVAC, Lighting and fire suppression systems modifications
- Performed Construction Administration for the project
- Commissioned new UPS System and transferred from existing to new system



Confidential Client

UPS Life Cycle Replacement and Electrical Upgrades at a former Xerox data center located near Pittsburgh, PA. The services include developing an installation phasing program and sequence narrative to allow the data center to remain operational during construction.

Key features:

- Building 1: Replace two (2) existing three module 600 kVA UPS systems with two (2) new three module 750 kVA UPS systems in a 2N configuration
- Building 2: Replace one (1) existing four module 600 kVA UPS system with one (1) new four module 750 kVA UPS system in a 2N configuration
- Electrical system revisions to accommodate the new UPS system infrastructure
- Mechanical system revisions to relocate existing cooling units
- Fire protection modifications to accommodate room changes
- Structural modifications for slab supports of battery systems and pads for new equipment
- Architectural revisions to address means of egress, wall partitions, penetrations, ceilings, etc.
- An electrical device coordination study and arc flash hazard analysis for the electrical system infrastructure



Confidential Client

100% turnkey project that provided all engineering design, materials, installation, construction administration, and testing activities in connection with a UPS system replacement at a federal agency's data center.

Key Features

- Replaced the existing sixteen (16) 750 kVA modules with sixteen (16) new 750 kVA modules
- Design for replacement of all four (4) static bypass switches
- Existing owner tie system was replaced by an automatic maintenance bypass throw over control system that transfers the UPS systems to the bypass switchboard in the event of power loss to the UPS main input

The project was successfully completed on time and now provides the data center with the highest possible power reliability and availability. All work was accomplished without disruption to the critical data center loads or data center support systems. All systems were fully load tested before turn over.



Confidential Client

To support the IT migration of critical applications from another data center and to meet future business needs, this large financial Client identified that their main Data Center's critical infrastructure must be increased in capacity in two of its three existing 20,000 SF Data Center Bays.

Key Features

- Addition of four UPS Modules (750 kVA / 675 kW) to the existing 16 modules to maintain N+1 in active UPS systems
- Installation of one 2,500 kW Tier 4i generator to maintain (N+1) redundancy in an active data center
- Additional batteries for the new UPS Modules
- Controls for electric distribution equipment and emergency backup systems
- Electric Power Monitoring System (EPMS) for new equipment including integration with the existing EPMS system
- Support for Commissioning and Start-up of new equipment
- Construction coordination of all activities including the development of Method of Procedure ("MOP") and change control coordination



Confidential Client

Design of Phase III of this existing data center, which added 52,000 SF of critical white space.

Key features:

- Addition of twelve 1,000 kVA UPS modules in 5 + 1 block redundant electrical configuration
 - Each block consists of two 1000 kVA UPS units
 - Redundant block consists of two 1000 kVA UPS units
 - All Modules are synchronized using Liebert LBS load bus synchronizing system
 - Each load on the UPS block backed up by a breaker in the redundant block through Liebert STS2 static transfer switches
 - Loads distributed through Liebert 300 kVA power distribution units to remote power panels
 - Tier III with N+N at RPP level
- Added seven 2.5 MW diesel standby generators
- Extended two existing 26.4 kV utility services to new switchgear and made provisions for a third service
- Added 26.4 kV Main-Tie-Main switchgear with automatic transfer capability
- Added six medium voltage substation distribution switchgear in 5+1 block configuration



Confidential Client

Full service design for a 47,000 SF expansion of a major colocation data center. The project involved integration with a "hot site" where the data center remained operational throughout the construction phase.

Key features:

- Addition of ten 1,000 kVA UPS modules in 4 + 1 block redundant electrical configuration
 - Each block consists of two 1000 kVA UPS units
 - Redundant block consists of two 1000 kVA UPS units
 - All Modules are synchronized using Liebert LBS load bus synchronizing system
 - Each load on the UPS block backed up by a breaker in the redundant block through Liebert STS2 static transfer switches
 - Loads distributed through Liebert 300 kVA power distribution units to remote power panels
 - Tier III with N+N at RPP level
- Added five 2.5 MW diesel standby generators
- Added two 26.4 kV utility services
- Added 26.4 kV Main-Tie-Main switchgear with automatic transfer capability
- Added five medium voltage substation distribution switchgear in 4+1 block configuration

**Confidential Client**

Planning and full design of a new 140,000 SF data center, which was constructed with the goal of achieving LEED Certification.

Key features of the electrical systems include:

- Twelve 1,000 kVA UPS modules in a 5+1 block redundant electrical configuration
 - Each block consists of two 1000 kVA UPS units
 - Redundant block consists of two 1000 kVA UPS units
 - All Modules are synchronized using Liebert LBS load bus synchronizing system
 - Each load on the UPS block backed up by a breaker in the redundant block through Liebert STS2 static transfer switches
 - Loads Distributed through Liebert 300 kVA FPC power distribution units
- Six 3.1 MW diesel generators, non-paralleled
- Single electrical service with complete infrastructure to accept future second service
- Project was awarded LEED Silver Certification

**Confidential Client**

Full E/A design services for new data center, accomplished in a total of six phases. Phase I included the construction of a new building of 232,000 SF with an office building attachment of 32,000 SF

Key features:

- Thirty-six 1,000 kVA UPS modules in block redundant electrical configuration
- Modular mechanical solution with 11,700-tons of cooling capacity
- Thirty-six condenser water cooled rooftop units with adiabatic humidification for the colocation space with eleven more included for support spaces
- Twenty 3 MW diesel generators
- Tier III with N+N at RPP level
- Three electrical services provided in six entries to three double ended MV substations



U.S. Army Corps of Engineers, Baltimore District Camp Dawson, Kingwood, WV

- Three new billeting facilities

Army Reserve Center, Beckley, WV

- New 300-member reserve center with training building and maintenance shop

Army Reserve Center, Morgantown, WV

- New 300-member reserve center with training building and maintenance shop

Army Reserve Center, Wheeling, WV

- New 284-member reserve center with training building and maintenance shop

Army Reserve Center, Rainelle, WV

- New 200-member reserve center with training building and maintenance shop

Army Reserve Center, Weirton, WV

- New 200-member reserve center with training building and maintenance shop

Army Reserve Center, Brownsville, PA

- New 200-member reserve center with training building and maintenance shop

Army Reserve Center, Johnstown, PA

- New 200-member reserve center with training building and maintenance shop

Army Reserve Center, Kingwood, WV

- Maintenance shop

Army Reserve Center, Grantsville, WV

- New 100-member reserve center with training building and maintenance shop

Army Reserve Center, Elkins, WV

- New 60-member reserve centers with training building and maintenance shop

Morlock Army Reserve Center, Pittsburgh, PA

- HVAC modifications

Copely Army Reserve Center, Oil City, PA

- Boiler addition

Steele Army Reserve Center, Pittsburgh, PA

- Complete HVAC system replacement



Army Reserve Aviation Facility, Johnstown, PA

- New 120,000 SF multi-building complex including an armed forces reserve center and an aviation maintenance shop

Letterkenny Army Depot, Chambersburg, PA

- Six indefinite-delivery contracts for mechanical, electrical, civil, and structural engineering and surveying services

Fort Richie, Fort Ritchie, MD

- Two indefinite-delivery contracts for mechanical, electrical, civil, and structural engineering and surveying services

Ammunition Plant, Scranton, PA

- Upgrade lighting system in production shop

Pennsylvania Army National Guard

Pennsylvania Army National Guard, Johnstown, PA

- New 23,560 SF Regional Maintenance Facility

Pennsylvania Army National Guard, 128th Brigade Support Battalion

- Renovation of the 26,700 SF Crane Readiness Center which houses 250 soldiers

Pennsylvania Army National Guard, 107th Field Artillery Battalion

- Rehabilitation of 23,000 SF New Castle Readiness Center which houses approximately 120 soldiers

Clearfield Army National Guard, Readiness Center

- MEP/Civil/Structural renovation of 49,760 SF Readiness Center; included code upgrades, Force Protection enhancements, energy upgrades, parking area expansion

U.S. Army Corps of Engineers, Norfolk

Walter Reed Army Medical Center, Washington, D.C.

- Renovation and upgrade to Building 12, Provost Marshal's Facility

PA Department of Military Affairs

Ford City Armory, Ford City, PA

- New 24,400 SF training center with classrooms and kitchen/dining facilities

Naval Facilities Engineering Command (Navfac), Southeast Division

P-8A Integrated Simulation/Training Center, Jacksonville, FL

- New \$42.5 million, 165,000 SF operational training facility for a new Multi-Mission Maritime Aircraft (MMA)/P8-A located at the Naval Air Station; Project goal is LEED Gold





Pennsylvania Army National Guard
New Castle Readiness Center Renovation
New Castle, Pennsylvania



This project was the renovation of the two-story, 23,000 square foot New Castle Readiness Center for the 107th Field Artillery Battalion, PA Army National Guard, completed through the Pennsylvania Department of General Services. The stone and brick building was built in 1938 and is listed in the National Register of Historic Places.

The project scope included exterior architectural improvements to repair the stone façade, door replacement, roof replacement over the barrel-vaulted Drill Hall, and other minor roof repairs. Site improvements included updated water and gas services, milling and repaving of the vehicle parking area and access drives, the addition of an accessible parking area, and replacement of the site perimeter fencing. Interior architectural improvements included a complete renovation and reconfiguration of the administrative areas, reconfiguration and upgrades to all the restrooms to modernize and bring them into compliance with current building codes, and improvements including minor space reconfigurations, painting, ceiling replacement, flooring replacement, and door replacements.

HVAC work included replacement of two existing steam boilers with two high-efficiency gas boilers; the addition of energy efficient air-conditioning systems for office, classrooms, fitness rooms and other areas; the addition of a new kitchen exhaust hood; and the integration of a new web-based DDC control system. All plumbing fixtures and piping systems throughout the building were replaced as part of the toilet facilities upgrade. Electrical work included upgrades to the distribution system; LED interior lighting throughout the building; new site lighting; replacement of branch panelboards, conduit, and feeders; and a new building wide addressable fire alarm system.

DRS Services Provided

Architectural Design
Interior Design
Project Management
Engineering Coordination
Construction Administration

Construction Cost

\$2,200,000

Construction Completed 2018

Contact

Matthew A. Dubovecky, EIT
Project Manager
PA Dept. of Military & Vet Affairs
814.533.2466
c-mdubovec@pa.gov



This project was completed
in collaboration with
H.F. Lenz Co.



Pennsylvania Army National Guard
Crane Avenue Readiness Center Renovation
Pittsburgh, Pennsylvania



This project involved renovations to the existing masonry armory building and site, and the design of a new unheated metal storage building. The main building was originally designed by DRS in 1965, and includes a two-bay maintenance shop, a drill hall, three Unit storage areas with adjacent weapons vaults, a kitchen, offices, restrooms, showers, and locker rooms. The renovation made improvements to the building's accessibility, including the addition of a new elevator in the center of the building and full renovations of the restroom and shower rooms. The roof was also replaced.

Since the number of military units assigned to this facility was being increased, additional storage space was a program requirement. The demand was solved through the construction of an unheated storage building placed adjacent to the existing cold-storage building.

Mechanical, plumbing, and electrical work mainly involved the replacement of existing systems, such as heating boilers, exhaust fans, maintenance shop vehicle source-capture exhaust reels, water heater, plumbing fixtures, emergency generator, and electrical distribution panels. New lighting was also provided in the office wing corridors resulting from the necessary abatement and replacement of the existing plaster ceilings in those areas.

The scope of site work included the replacement of security fencing around the military equipment parking area, the addition of a vehicle control gate, and the creation of an accessible path for the new accessible entry to the armory.

DRS Services Provided

Architectural Design
Interior Design
Project Management
Engineering Coordination
Construction Administration

Construction Cost

\$3,100,000

Construction Completed 2018

Contact

Matthew A. Dubovecky, EIT
Project Manager
PA Dept. of Military & Vet Affairs
814.533.2466
c-mdubovec@pa.gov



This project was completed
in collaboration with
H.F. Lenz Co.

TAB 5: PAST PERFORMANCE



PROJECT	Original Budget/Final Cost	Original Construction Schedule/Final Construction Schedule	Comments
City of West Haven Boiler Upgrades	\$1.1M/\$1.03M	9 Mos./9Mos.	Delivered on time
Yale University Greeley Lab Upgrades	\$900K/\$964K	8 Mos./8Mos	Delivered on time
Yale University LLCI Research Lab/Office Upgrades	\$1.4M/\$1.32M	9 Mos/12 mos.	Equipment lead time
Sacred Heart University New Residence Halls	\$85M/\$82M	25 mos./27/mos.	Covid shutdown
Lock Haven University Campus Fiber Optic Upgrade	\$2.1M/\$2.3	12 Mos./12Mos.	Delivered on time
Waterbury Arts Magnet School HVAC Upgrades	\$9.2M/\$9.26M	12 Mos./12Mos	Delivered on time
Westerly High School HVAC Upgrades	\$1.6M/\$1.64M	9 mos./12 mos.	Equipment lead time
Asnuntuck Community College Boiler	\$600K/\$575.5K	9 mos./9mos.	Delivered on time
Marlborough Town Hall HVAC Upgrade	\$330K/\$330K	6 Mos./6Mos.	Delivered on time
Crawford Manor High Rise Upgrades	\$1.45M/\$1.66M	15 Mos./18 Mos.	Switchboard lead time
Yale University Data Center Upgrades	\$1.0M/\$970K	12 Mos./18Mos.	Equipment lead time

NAVFAC / USACE Past Performance Questionnaire (PPQ)

Form PPQ-0 (9/30/11)

NAVFAC/USACE PAST PERFORMANCE QUESTIONNAIRE (Form PPQ-0)

CONTRACT INFORMATION (Contractor to complete Blocks 1-4)

1. Contractor Information

Firm Name: H.F. Lenz Co.

CAGE Code: 5Z324

DUNs Number: 04-719-8304

Address: 1407 Scalp Avenue, Johnstown, PA 15904

Phone Number: 814-269-9300

Email Address: tdeter@hflenz.com

Point of Contact: Thomas F. Deter, P.E., President

Contact Phone Number: 814-269-9322

2. Work Performed as: ☐ Prime Contractor ☒ Sub Contractor ☐ Joint Venture ☐ Other (Explain)

Percent of project work performed: 80%

If subcontractor, who was the prime (Name/Phone #): UpStreet Architects, 814-539-0224

3. Contract Information

Contract Number: W912DR180026

Delivery/Task Order Number (if applicable): Task Order W912DR18F0714

Contract Type: ☒ Firm Fixed Price ☐ Cost Reimbursement ☐ Other (Please specify): _____

Contract Title: Letterkenny Army Depot - Building 320 Upgrades

Contract Location: Chambersburg, PA

Award Date (mm/dd/yy): 9/29/2018

Contract Completion Date (mm/dd/yy): 9/15/2024

Actual Completion Date (mm/dd/yy): 9/15/2024

Explain Differences: N/A

Original Contract Price (Award Amount): \$8,800,000 (estimate)

Final Contract Price (to include all modifications, if applicable): Unknown

Explain Differences: As a subconsultant, we were not provided with the final contact price.

4. Project Description:

Complexity of Work ☐ High ☒ Med ☐ Routine

How is this project relevant to project of submission? (Please provide details such as similar equipment, requirements, conditions, etc.) Renovations and improvements including HVAC upgrade to a 68,500 SF vehicle painting facility with associated offices and break rooms, working together with subconsultant, cost estimating

CLIENT INFORMATION (Client to complete Blocks 5-8)

5. Client Information

Name: Brandon R. Kohler

Title: Division Chief

Phone Number: 717-267-8853

Email Address: Brandon.r.kohler.civ@army.mil

Letterkenny Army Depot

Directorate of Public Works

Engineering and Planning Division

1 Overcash Avenue

Chambersburg Pa, 17201

6. Describe the client's role in the project: Provided support during the design process by assisting with site visit coordination, attended design meetings, provided existing conditions drawings, HVAC Controls information, reviewed design submittals and provided comments through USACE, provided design recommendations based on building user requests, etc.

7. Date Questionnaire was completed (mm/dd/yy): 08/06/2025

8. Client's Signature: KOHLER.BRANDON. Digitally signed by KOHLER.BRANDON.R.1545180738
R.1545180738 Date: 2025.08.06 06:39:30 -04'00'

NOTE: NAVFAC/USACE requests that the client completes this questionnaire and submits directly back to the offeror. The offeror will submit the completed questionnaire to USACE with their proposal, and may duplicate this questionnaire for future submission on USACE solicitations. Clients are highly encouraged to submit questionnaires directly to the offeror. However, questionnaires may be submitted directly to USACE. Please contact the offeror for USACE POC information. The Government reserves the right to verify any and all information on this form.

NAVFAC / USACE Past Performance Questionnaire (PPQ)

Form PPQ -0 (9/30/11)

ADJECTIVE RATINGS AND DEFINITIONS TO BE USED TO BEST REFLECT
YOUR EVALUATION OF THE CONTRACTOR'S PERFORMANCE

RATING	DEFINITION	NOTE
(E) Exceptional	Performance meets contractual requirements and exceeds many to the Government/Owner's benefit. The contractual performance of the element or sub-element being assessed was accomplished with few minor problems for which corrective actions taken by the contractor was highly effective.	An Exceptional rating is appropriate when the Contractor successfully performed multiple significant events that were of benefit to the Government/Owner. A singular benefit, however, could be of such magnitude that it alone constitutes an Exceptional rating. Also, there should have been NO significant weaknesses identified.
(VG) Very Good	Performance meets contractual requirements and exceeds some to the Government's/Owner's benefit. The contractual performance of the element or sub-element being assessed was accomplished with some minor problems for which corrective actions taken by the contractor were effective.	A Very Good rating is appropriate when the Contractor successfully performed a significant event that was a benefit to the Government/Owner. There should have been no significant weaknesses identified.
(S) Satisfactory	Performance meets minimum contractual requirements. The contractual performance of the element or sub-element contains some minor problems for which corrective actions taken by the contractor appear or were satisfactory.	A Satisfactory rating is appropriate when there were only minor problems, or major problems that the contractor recovered from without impact to the contract. There should have been NO significant weaknesses identified. Per DOD policy, a fundamental principle of assigning ratings is that contractors will not be assessed a rating lower than Satisfactory solely for not performing beyond the requirements of the contract.
(M) Marginal	Performance does not meet some contractual requirements. The contractual performance of the element or sub-element being assessed reflects a serious problem for which the contractor has not yet identified corrective actions. The contractor's proposed actions appear only marginally effective or were not fully implemented.	A Marginal is appropriate when a significant event occurred that the contractor had trouble overcoming which impacted the Government/Owner.
(U) Unsatisfactory	Performance does not meet most contractual requirements and recovery is not likely in a timely manner. The contractual performance of the element or sub-element contains serious problem(s) for which the contractor's corrective actions appear or were ineffective.	An Unsatisfactory rating is appropriate when multiple significant events occurred that the contractor had trouble overcoming and which impacted the Government/Owner. A singular problem, however, could be of such serious magnitude that it alone constitutes an unsatisfactory rating.
(N) Not Applicable	No information or did not apply to your contract	Rating will be neither positive nor negative.

TO BE COMPLETED BY CLIENT

PLEASE SELECT THE ADJECTIVE RATING WHICH BEST REFLECTS YOUR EVALUATION OF THE CONTRACTOR'S PERFORMANCE.	
1. QUALITY	
a) Quality of technical data/report preparation efforts	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
b) Ability to meet quality standards specified for technical performance	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
c) Timeliness/effectiveness of contract problem resolution without extensive customer guidance	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
d) Adequacy/effectiveness of quality control program and adherence to contract quality assurance requirements (without adverse effect on performance)	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
2. SCHEDULE/TIMELINESS OF PERFORMANCE	
a) Compliance with contract delivery/completion schedules including any significant intermediate milestones. <i>(If liquidated damages were assessed or the schedule was not met, please address below)</i>	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
b) Rate the contractor's use of available resources to accomplish tasks identified in the contract	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
3. CUSTOMER SATISFACTION	
a) To what extent were the end users satisfied with the project?	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
b) Contractor was reasonable and cooperative in dealing with your staff (including the ability to successfully resolve disagreements/disputes; responsiveness to administrative reports, businesslike and communication)	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
c) To what extent was the contractor cooperative, businesslike, and concerned with the interests of the customer?	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
d) Overall customer satisfaction	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
4. MANAGEMENT/ PERSONNEL/LABOR	
a) Effectiveness of on-site management, including management of subcontractors, suppliers, materials, and/or labor force?	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
b) Ability to hire, apply, and retain a qualified workforce to this effort	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
c) Government Property Control	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
d) Knowledge/expertise demonstrated by contractor personnel	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
e) Utilization of Small Business concerns	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
f) Ability to simultaneously manage multiple projects with multiple disciplines	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
g) Ability to assimilate and incorporate changes in requirements and/or priority, including planning, execution and response to Government changes	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
h) Effectiveness of overall management (including ability to effectively lead, manage and control the program)	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
5. COST/FINANCIAL MANAGEMENT	
a) Ability to meet the terms and conditions within the contractually agreed price(s)?	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N

NAVFAC / USACE Past Performance Questionnaire (PPQ)

Form PPQ -0 (9/30/11)

b) Contractor proposed innovative alternative methods/processes that reduced cost, improved maintainability or other factors that benefited the client	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
c) If this is/was a Government cost type contract, please rate the Contractor's timeliness and accuracy in submitting monthly invoices with appropriate back-up documentation, monthly status reports/budget variance reports, compliance with established budgets and avoidance of significant and/or unexplained variances (under runs or overruns)	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
d) Is the Contractor's accounting system adequate for management and tracking of costs? <i>If no, please explain in Remarks section.</i>	☒ Yes ☐ No
e) If this is/was a Government contract, has/was this contract been partially or completely terminated for default or convenience or are there any pending terminations? <i>Indicate if show cause or cure notices were issued, or any default action in comment section below.</i>	☐ Yes ☒ No
f) Have there been any indications that the contractor has had any financial problems? <i>If yes, please explain below.</i>	☐ Yes ☒ No
6. SAFETY/SECURITY	
a) To what extent was the contractor able to maintain an environment of safety, adhere to its approved safety plan, and respond to safety issues? (Includes: following the users rules, regulations, and requirements regarding housekeeping, safety, correction of noted deficiencies, etc.)	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
b) Contractor complied with all security requirements for the project and personnel security requirements.	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
7. GENERAL	
a) Ability to successfully respond to emergency and/or surge situations (including notifying COR, PM or Contracting Officer in a timely manner regarding urgent contractual issues).	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
b) Compliance with contractual terms/provisions (<i>explain if specific issues</i>)	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N
c) Would you hire or work with this firm again? (<i>If no, please explain below</i>)	☒ Yes ☐ No
d) In summary, provide an overall rating for the work performed by this contractor.	☐ E ☒ VG ☐ S ☐ M ☐ U ☐ N

Please provide responses to the questions above (if applicable) and/or additional remarks. Furthermore, please provide a brief narrative addressing specific strengths, weaknesses, deficiencies, or other comments which may assist our office in evaluating performance risk (please attach additional pages if necessary):

The design of Building 320 Renovation was one of LEAD major production facilities with many types of work environments found within the facility ranging from wash bays, sanding rooms to paint booths, and even assembly bays for final completion and inspection. This required the design team to apply many different types of design efforts to bring the facility to a like new condition and meet the new building code requirements. The design team met all of the requirements asked by the LEAD team and did so with minimal interruptions to the building users and production teams occupying the building. The team also developed a proposed construction phasing plan while working with the production team within the facility to minimize production losses during the construction phases of the project. This was used as a baseline for the contractor to begin developing their phasing plan. Overall the design for the SRM Project for building 320 at LEAD was executed with no issues or complaints from the LEAD team both in DPW and Production teams.

NAVFAC / USACE Past Performance Questionnaire (PPQ)

Form PPQ -0 (9/30/11)

NAVFAC/USACE PAST PERFORMANCE QUESTIONNAIRE (Form PPQ-0)

CONTRACT INFORMATION (Contractor to complete Blocks 1-4)

1. Contractor Information

Firm Name: _____ CAGE Code: _____
 Address: _____ DUNs Number: _____
 Phone Number: _____
 Email Address: _____
 Point of Contact: _____ Contact Phone Number: _____

2. Work Performed as: ☐ Prime Contractor ☐ Sub Contractor ☐ Joint Venture ☐ Other (Explain)
 Percent of project work performed: _____
 If subcontractor, who was the prime (Name/Phone #): _____

3. Contract Information

Contract Number: _____
 Delivery/Task Order Number (if applicable): _____
 Contract Type: ☐ Firm Fixed Price ☐ Cost Reimbursement ☐ Other (Please specify): _____
 Contract Title: _____
 Contract Location: _____

 Award Date (mm/dd/yy): _____
 Contract Completion Date (mm/dd/yy): _____
 Actual Completion Date (mm/dd/yy): _____
 Explain Differences: _____

 Original Contract Price (Award Amount): _____
 Final Contract Price (to include all modifications, if applicable): _____
 Explain Differences: _____

4. Project Description:

Complexity of Work ☐ High ☐ Med ☐ Routine
 How is this project relevant to project of submission? (Please provide details such as similar equipment, requirements, conditions, etc.) _____

CLIENT INFORMATION (Client to complete Blocks 5-8)

5. Client Information

Name: _____
 Title: _____
 Phone Number: _____
 Email Address: _____

6. Describe the client's role in the project: _____

7. Date Questionnaire was completed (mm/dd/yy): _____

8. Client's Signature: James Danner

NOTE: NAVFAC/USACE requests that the client completes this questionnaire and submits directly back to the offeror. The offeror will submit the completed questionnaire to USACE with their proposal, and may duplicate this questionnaire for future submission on USACE solicitations. Clients are highly encouraged to submit questionnaires directly to the offeror. However, questionnaires may be submitted directly to USACE. Please contact the offeror for USACE POC information. The Government reserves the right to verify any and all information on this form.

NAVFAC / USACE Past Performance Questionnaire (PPQ)

Form PPQ -0 (9/30/11)

ADJECTIVE RATINGS AND DEFINITIONS TO BE USED TO BEST REFLECT
YOUR EVALUATION OF THE CONTRACTOR'S PERFORMANCE

RATING	DEFINITION	NOTE
(E) Exceptional	Performance meets contractual requirements and exceeds many to the Government/Owner's benefit. The contractual performance of the element or sub-element being assessed was accomplished with few minor problems for which corrective actions taken by the contractor was highly effective.	An Exceptional rating is appropriate when the Contractor successfully performed multiple significant events that were of benefit to the Government/Owner. A singular benefit, however, could be of such magnitude that it alone constitutes an Exceptional rating. Also, there should have been NO significant weaknesses identified.
(VG) Very Good	Performance meets contractual requirements and exceeds some to the Government's/Owner's benefit. The contractual performance of the element or sub-element being assessed was accomplished with some minor problems for which corrective actions taken by the contractor were effective.	A Very Good rating is appropriate when the Contractor successfully performed a significant event that was a benefit to the Government/Owner. There should have been no significant weaknesses identified.
(S) Satisfactory	Performance meets minimum contractual requirements. The contractual performance of the element or sub-element contains some minor problems for which corrective actions taken by the contractor appear or were satisfactory.	A Satisfactory rating is appropriate when there were only minor problems, or major problems that the contractor recovered from without impact to the contract. There should have been NO significant weaknesses identified. Per DOD policy, a fundamental principle of assigning ratings is that contractors will not be assessed a rating lower than Satisfactory solely for not performing beyond the requirements of the contract.
(M) Marginal	Performance does not meet some contractual requirements. The contractual performance of the element or sub-element being assessed reflects a serious problem for which the contractor has not yet identified corrective actions. The contractor's proposed actions appear only marginally effective or were not fully implemented.	A Marginal is appropriate when a significant event occurred that the contractor had trouble overcoming which impacted the Government/Owner.
(U) Unsatisfactory	Performance does not meet most contractual requirements and recovery is not likely in a timely manner. The contractual performance of the element or sub-element contains serious problem(s) for which the contractor's corrective actions appear or were ineffective.	An Unsatisfactory rating is appropriate when multiple significant events occurred that the contractor had trouble overcoming and which impacted the Government/Owner. A singular problem, however, could be of such serious magnitude that it alone constitutes an unsatisfactory rating.
(N) Not Applicable	No information or did not apply to your contract	Rating will be neither positive nor negative.

NAVFAC / USACE Past Performance Questionnaire (PPQ)

Form PPQ -0 (9/30/11)

TO BE COMPLETED BY CLIENT

PLEASE SELECT THE ADJECTIVE RATING WHICH BEST REFLECTS YOUR EVALUATION OF THE CONTRACTOR'S PERFORMANCE.						
1. QUALITY						
a) Quality of technical data/report preparation efforts	E	VG	S	M	U	N
b) Ability to meet quality standards specified for technical performance	E	VG	S	M	U	N
c) Timeliness/effectiveness of contract problem resolution without extensive customer guidance	E	VG	S	M	U	N
d) Adequacy/effectiveness of quality control program and adherence to contract quality assurance requirements (without adverse effect on performance)	E	VG	S	M	U	N
2. SCHEDULE/TIMELINESS OF PERFORMANCE						
a) Compliance with contract delivery/completion schedules including any significant intermediate milestones. <i>(If liquidated damages were assessed or the schedule was not met, please address below)</i>	E	VG	S	M	U	N
b) Rate the contractor's use of available resources to accomplish tasks identified in the contract	E	VG	S	M	U	N
3. CUSTOMER SATISFACTION						
a) To what extent were the end users satisfied with the project?	E	VG	S	M	U	N
b) Contractor was reasonable and cooperative in dealing with your staff (including the ability to successfully resolve disagreements/disputes; responsiveness to administrative reports, businesslike and communication)	E	VG	S	M	U	N
c) To what extent was the contractor cooperative, businesslike, and concerned with the interests of the customer?	E	VG	S	M	U	N
d) Overall customer satisfaction	E	VG	S	M	U	N
4. MANAGEMENT/ PERSONNEL/LABOR						
a) Effectiveness of on-site management, including management of subcontractors, suppliers, materials, and/or labor force?	E	VG	S	M	U	N
b) Ability to hire, apply, and retain a qualified workforce to this effort	E	VG	S	M	U	N
c) Government Property Control	E	VG	S	M	U	N
d) Knowledge/expertise demonstrated by contractor personnel	E	VG	S	M	U	N
e) Utilization of Small Business concerns	E	VG	S	M	U	N
f) Ability to simultaneously manage multiple projects with multiple disciplines	E	VG	S	M	U	N
g) Ability to assimilate and incorporate changes in requirements and/or priority, including planning, execution and response to Government changes	E	VG	S	M	U	N
h) Effectiveness of overall management (including ability to effectively lead, manage and control the program)	E	VG	S	M	U	N
5. COST/FINANCIAL MANAGEMENT						
a) Ability to meet the terms and conditions within the contractually agreed price(s)?	E	VG	S	M	U	N

NAVFAC / USACE Past Performance Questionnaire (PPQ)

Form PPQ -0 (9/30/11)

b) Contractor proposed innovative alternative methods/processes that reduced cost, improved maintainability or other factors that benefited the client	E	VG	S	M	U	N
c) If this is/was a Government cost type contract, please rate the Contractor's timeliness and accuracy in submitting monthly invoices with appropriate back-up documentation, monthly status reports/budget variance reports, compliance with established budgets and avoidance of significant and/or unexplained variances (under runs or overruns)	E	VG	S	M	U	N
d) Is the Contractor's accounting system adequate for management and tracking of costs? <i>If no, please explain in Remarks section.</i>	Yes			No		
e) If this is/was a Government contract, has/was this contract been partially or completely terminated for default or convenience or are there any pending terminations? <i>Indicate if show cause or cure notices were issued, or any default action in comment section below.</i>	Yes			No		
f) Have there been any indications that the contractor has had any financial problems? <i>If yes, please explain below.</i>	Yes			No		
6. SAFETY/SECURITY						
a) To what extent was the contractor able to maintain an environment of safety, adhere to its approved safety plan, and respond to safety issues? (Includes: following the users rules, regulations, and requirements regarding housekeeping, safety, correction of noted deficiencies, etc.)	E	VG	S	M	U	N
b) Contractor complied with all security requirements for the project and personnel security requirements.	E	VG	S	M	U	N
7. GENERAL						
a) Ability to successfully respond to emergency and/or surge situations (including notifying COR, PM or Contracting Officer in a timely manner regarding urgent contractual issues).	E	VG	S	M	U	N
b) Compliance with contractual terms/provisions (<i>explain if specific issues</i>)	E	VG	S	M	U	N
c) Would you hire or work with this firm again? (<i>If no, please explain below</i>)	Yes			No		
d) In summary, provide an overall rating for the work performed by this contractor.	E	VG	S	M	U	N

Please provide responses to the questions above (if applicable) and/or additional remarks. Furthermore, please provide a brief narrative addressing specific strengths, weaknesses, deficiencies, or other comments which may assist our office in evaluating performance risk (please attach additional pages if necessary):

[illegible]

ATTACHMENT B**NAVFAC/USACE PAST PERFORMANCE QUESTIONNAIRE (Form PPQ-0)****CONTRACT INFORMATION (Contractor to complete Blocks 1-4)****1. Contractor Information**

Firm Name: H.F. Lenz Company
Address: 1407 Scalp Avenue, Johnstown, PA 15904
Phone Number: 814-269-9300
Email Address: tdeter@hflenzenz.com
Point of Contact: Thomas F. Deter, P.E., LEED-AP, President

CAGE Code: 5Z324
DUNs Number: 04-719-8304

Contact Phone Number: 814-269-9322

2. Work Performed as: ☐ Prime Contractor ☒ Sub Contractor ☐ Joint Venture ☐ Other (Explain)

Percent of project work performed:

If subcontractor, who was the prime (Name/Phone #): DRS Architects 814-391-4850

3. Contract Information

Contract Number: 12FE003397

Delivery/Task Order Number (if applicable):

Contract Type: ☒ Firm Fixed Price ☐ Cost Reimbursement ☐ Other (Please specify):

Contract Title: U.S. DOE/NETL - **Buildings 58, 920, 921, and 925 - HPSB Compliance Projects**

Contract Location: Pittsburgh, PA

Award Date (mm/dd/yy): 06/01/2012

Contract Completion Date (mm/dd/yy): Design Completed 09/01/12 - Construction Completed 10/01/2013

Actual Completion Date (mm/dd/yy): 10/01/2013

Explain Differences:

Original Contract Price (Award Amount): \$107, 894 (Fee) \$750,000 (Construction Cost)

Final Contract Price (to include all modifications, if applicable): \$107, 894 (Fee) \$750,000 (Construction Cost)

Explain Differences:

4. Project Description:

Complexity of Work ☐ High ☒ Med ☐ Routine

How is this project relevant to project of submission? (Please provide details such as similar equipment, requirements, conditions, etc.) Sustainable design, tight design schedule, renovations to existing facilities

CLIENT INFORMATION (Client to complete Blocks 5-8)**5. Client Information**

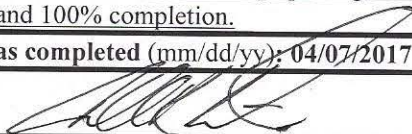
Name: Allen Lichvar
Title: Supervisory General Engineer
Phone Number: 304 285 4042
Email Address: allen.lichvar@netl.doe.gov

6. Describe the client's role in the project:

We provided the requirements for the various design packages including performance goals and scope. Conducted design reviews at 15, 50, and 95 and 100% completion.

7. Date Questionnaire was completed (mm/dd/yy): 04/07/2017

8. Client's Signature:



NOTE: NAVFAC REQUESTS THAT THE CLIENT COMPLETES THIS QUESTIONNAIRE AND SUBMITS DIRECTLY BACK TO THE OFFEROR. THE OFFEROR WILL SUBMIT THE COMPLETED QUESTIONNAIRE TO NAVFAC WITH THEIR PROPOSAL, AND MAY DUPLICATE THIS QUESTIONNAIRE FOR FUTURE SUBMISSION ON NAVFAC SOLICITATIONS. CLIENTS ARE HIGHLY ENCOURAGED TO SUBMIT QUESTIONNAIRES DIRECTLY TO THE OFFEROR. HOWEVER, QUESTIONNAIRES MAY BE SUBMITTED DIRECTLY TO NAVFAC. PLEASE CONTACT THE OFFEROR FOR NAVFAC POC INFORMATION. THE GOVERNMENT RESERVES THE RIGHT TO VERIFY ANY AND ALL INFORMATION ON THIS FORM.

Contractor Information (Firm Name): H.F. Lenz Company

Client Information (Name): NETL

TO BE COMPLETED BY CLIENT

PLEASE CIRCLE THE ADJECTIVE RATING WHICH BEST REFLECTS
YOUR EVALUATION OF THE CONTRACTOR'S PERFORMANCE.

1. QUALITY:						
a) Quality of technical data/report preparation efforts	E	<u>VG</u>	S	M	U	N
b) Ability to meet quality standards specified for technical performance	<u>E</u>	VG	S	M	U	N
c) Timeliness/effectiveness of contract problem resolution without extensive customer guidance	<u>E</u>	VG	S	M	U	N
d) Adequacy/effectiveness of quality control program and adherence to contract quality assurance requirements (without adverse effect on performance)	E	VG	<u>S</u>	M	U	N
2. SCHEDULE/TIMELINESS OF PERFORMANCE:						
a) Compliance with contract delivery/completion schedules including any significant intermediate milestones. (If liquidated damages were assessed or the schedule was not met, please address below)	<u>E</u>	VG	S	M	U	N
b) Rate the contractor's use of available resources to accomplish tasks identified in the contract	E	<u>VG</u>	S	M	U	N
3. CUSTOMER SATISFACTION:						
a) To what extent were the end users satisfied with the project?	<u>E</u>	VG	S	M	U	N
b) Contractor was reasonable and cooperative in dealing with your staff (including the ability to successfully resolve disagreements/disputes; responsiveness to administrative reports, businesslike and communication)	<u>E</u>	VG	S	M	U	N
c) To what extent was the contractor cooperative, businesslike, and concerned with the interests of the customer?	<u>E</u>	VG	S	M	U	N
d) Overall customer satisfaction	<u>E</u>	VG	S	M	U	N
4. MANAGEMENT/ PERSONNEL/LABOR						
a) Effectiveness of on-site management, including management of subcontractors, suppliers, materials, and/or labor force?	E	VG	S	M	U	<u>N</u>
b) Ability to hire, apply, and retain a qualified workforce to this effort	<u>E</u>	VG	S	M	U	N
c) Government Property Control	E	VG	S	M	U	<u>N</u>
d) Knowledge/expertise demonstrated by contractor personnel	<u>E</u>	VG	S	M	U	N
e) Utilization of Small Business concerns	E	VG	S	M	U	<u>N</u>
f) Ability to simultaneously manage multiple projects with multiple disciplines	E	<u>VG</u>	S	M	U	N
g) Ability to assimilate and incorporate changes in requirements and/or priority, including planning, execution and response to Government changes	E	<u>VG</u>	S	M	U	N
h) Effectiveness of overall management (including ability to effectively lead, manage and control the program)	E	<u>VG</u>	S	M	U	N
5. COST/FINANCIAL MANAGEMENT						
a) Ability to meet the terms and conditions within the contractually agreed price(s)?	E	<u>VG</u>	S	M	U	N

Contractor Information (Firm Name):

H.F. Lenz Company

Client Information (Name):

NETL

b) Contractor proposed innovative alternative methods/processes that reduced cost, improved maintainability or other factors that benefited the client	E	☒ VG	S	M	U	N
c) If this is/was a Government cost type contract, please rate the Contractor's timeliness and accuracy in submitting monthly invoices with appropriate back-up documentation, monthly status reports/budget variance reports, compliance with established budgets and avoidance of significant and/or unexplained variances (under runs or overruns)	☒ E	VG	S	M	U	N
d) Is the Contractor's accounting system adequate for management and tracking of costs? <i>If no, please explain in Remarks section.</i>	☒ Yes		No			
e) If this is/was a Government contract, has/was this contract been partially or completely terminated for default or convenience or are there any pending terminations? <i>Indicate if show cause or cure notices were issued, or any default action in comment section below.</i>	Yes		☒ No			
f) Have there been any indications that the contractor has had any financial problems? <i>If yes, please explain below.</i>	Yes		☒ No			
6. SAFETY/SECURITY						
a) To what extent was the contractor able to maintain an environment of safety, adhere to its approved safety plan, and respond to safety issues? (Includes: following the users rules, regulations, and requirements regarding housekeeping, safety, correction of noted deficiencies, etc.)	E	VG	S	M	U	☒ N
b) Contractor complied with all security requirements for the project and personnel security requirements.	E	VG	S	M	U	☒ N
7. GENERAL						
a) Ability to successfully respond to emergency and/or surge situations (including notifying COR, PM or Contracting Officer in a timely manner regarding urgent contractual issues).	☒ E	VG	S	M	U	N
b) Compliance with contractual terms/provisions (<i>explain if specific issues</i>)	E	☒ VG	S	M	U	N
c) Would you hire or work with this firm again? (<i>If no, please explain below</i>)	☒ Yes		No			
d) In summary, provide an overall rating for the work performed by this contractor.	E	☒ VG	S	M	U	N

Please provide responses to the questions above (if applicable) and/or additional remarks. Furthermore, please provide a brief narrative addressing specific strengths, weaknesses, deficiencies, or other comments which may assist our office in evaluating performance risk (please attach additional pages if necessary):

TAB 6: SIGNATURE PAGES





Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Expression of Interest
Architect/Engr

Proc Folder: 2045819

Doc Description: CEOI - Camp Dawson Operations Building UPS Replacement Desig

Reason for Modification:

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2026-08-19	2026-09-08 13:30	CEOI 0603 ADJ2700000002	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name : H.F. Lenz Co.

Address : 1407

Street : Scalp Avenue

City : Johnstown

State : Pennsylvania

Country : United States

Zip : 15904

Principal Contact : Brian D. Schmidt, P.E. - Principal

Vendor Contact Phone: 814-269-9300

Extension: 336

FOR INFORMATION CONTACT THE BUYER

David H Pauline
304-558-0067
david.h.pauline@wv.gov

**Vendor
Signature X**

FEIN# 25-1007465

DATE September 8, 2026

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

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.

(Printed Name and Title) _____

(Address) _____

(Phone Number) / (Fax Number) _____

(email address) _____

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract 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/Contract 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 this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; 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.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

(Company)

(Signature of Authorized Representative)

(Printed Name and Title of Authorized Representative) (Date)

(Phone Number) (Fax Number)

(Email Address)