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State of West Virginia

CEOI 0211 GSD1900000006

Architectural/Engineering Services for
Building 22 HVAC Renovations Design Project

April 19, 2019

P19-0300



COVER LETTER

April 17, 2019

Bid Clerk
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

Re: State of West Virginia, CEOI Building 22 HVAC Renovations Project CJL #P19-0300

Bid Clerk,

Thank you for the opportunity to submit our qualifications for this project. CJL Engineering is currently the MEP/FP Design Professional for the New WVU Medicine Children's Hospital. Our office is located at 1097 Chaplin Road, Morgantown, WV, 26501. Jesse Bierer, one of our Mechanical Designers is the Manager of our West Virginia Office. We are excited at the opportunity State of West Virginia on the Building 22 HVAC Renovation Project. to partner with the

For more than 80 years, CJL Engineering has delivered high quality service and expertise in the MEP, fire protection, LEED, energy solutions, lighting design, civil and structural engineering disciplines. CJL's design approach is to deliver professional engineering consultation, understand our clients' needs and anticipate what they may need in the future. Our engineers approach each project with fresh perspective, technical ingenuity, and a wealth of experience. We deliver expertly drafted documentation, and detailed specifications, all cost-effectively customized for a singular design.

Highly Skilled: With our wide-ranging expertise in MEP, fire protection, LEED/green building, lighting design, energy solutions and commissioning, you can trust CJL to deliver a functional, quality project on time and on budget.

Client Trusted: Our comprehensive approach ensures a successful project while minimizing your risk. We actively listen to you, making sure we clearly understand and prioritize your perspective and goals. We know our job is to ensure our clients' success, and our track record speaks for itself.

Lasting Value: We carefully evaluate and anticipate operational, maintenance, and future requirements of your project, ensuring that the final result is functional, cost-effective and long-lasting. Our unparalleled technical expertise gives you peace of mind that you've made a sound investment for the future of your project.

Thank you again for considering CJL Engineering. Should you have any questions or would like additional information for this project, please do not hesitate to call me directly on my cell phone at 814.322.5458

Regards,

Matthew R, Sotosky, P.E. LEED, AP Managing Partner, CJL Engineering



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1 FIRM OVERVIEW

Established in 1938, CJL Engineering is a full service, mechanical, electrical, plumbing, fire protection, and civil/structural consulting engineering firm known for mastering the most challenging projects in the region. With offices in western Pennsylvania, eastern Ohio, northern West Virginia and Maryland, our super-regional focus has enabled us to become one of the preeminent MEP firms in the industry, proudly serving a wide range of specializations and clients.



Range of services:

Analysis and concept
Construction budgeting
Building information modeling (BIM)
Energy modeling
Detailed construction documents
Construction phase services
Building commissioning



More than 155 personnel, including:

40 Professional Engineers
28 LEED® Accredited Professionals
A Certified Energy Manager (CEM)
Commissioning Process Management
Professionals (CPMP)
Building Energy Assessment
Professionals (BEAP) and NICET Fire
Protection
Life Safety Systems Certified
Engineers



A broad range of clients

Green Buildings, Science, Laboratory and Research Facilities

Healthcare - Hospitals, Urgent Care, Medical Centers and Labs

Education - Colleges, Universities, Trade Schools, K-12

Corporate, Commercial, Office Buildings Industrial - Light and Heavy Manufacturing, Warehousing

Performing Arts Centers, Museums, Theaters and Libraries

Government and Secure Facilities
High Tech Buildings/ Mission Critical Data

Centers

Hotels, Ice Arenas and Sports Facilities Apartments, Dormitories and High Rise Central Plants, Energy Facilities and Utility Distribution Centers

Historic and Adaptive Retrofit Master Planning and Design



Specialization

HVAC Systems Electrical Systems

Fire Detection and Protection

Plumbing Design

LEED® Green Building Design

Commissioning

Energy Modeling Solutions

Civil / Structural Engineering

Architectural Lighting and Controls

Telecommunications

Life Safety Systems

Voice/Data/Audiovisual

Security Systems

Power System/Quality Evaluations

Life Cycle Analyses Retrofit Evaluations

REVIT® / BIM













2 PROJECT APPROACH

Goal One: A successful strategy in any building upgrade/renovation project is to first and foremost understand what the Design Team has to work with in regard to existing building construction. Construction Type, "Back of the House" Clearances such as ceiling plenums, shafts and crawlspace typically play a major role in the decision-making process as to which mechanical and electrical systems can be practically put into place. Construction installation logistics, as well as the long-term operation and serviceability of systems all depend on the thorough understanding of the options and limitations the existing building give us. Experienced Engineering Team-The proper balance between design and cost is integral to CJL's approach to accurate engineering. As your engineer, it is our responsibility to develop a comprehensive, efficient, and reliable design for the MEP/FP systems at a cost that is both reasonable and in line with the project budget. We accomplish this through substantial involvement by our most experienced engineers, including those who participate in the QA process. As with other similar type projects, a thorough walk-thru of the facility would be the proposed first step. Along with gathering information on existing construction, this recon would also allow for an understanding of the existing systems currently in place.

Goal Two: Communication - One of CJL's fundamental working philosophies is a strong emphasis on interaction with the Owner, Architects, Construction Manager and other professionals on the design team from the onset of the project. This helps to integrate the MEP design into the beginning phases of the project design. CJL's Principals and Senior Staff represent the firm at all meetings, and prepare and review all communications. Responsive and timely communications are standard operating procedure. The same engineers that developed the design will remain involved through the completion of the project, insuring continuity and the benefits of experience in the construction of the project. The Senjor Engineers spend time in the field working with the construction team to resolve any issues, thereby creating a better understanding of the design intent and a less adversarial relationship between the engineers and the contractors. This will enable CJL to identify and resolve problems encountered during construction more effectively. Our engineering team members plan, develop, evaluate and analyze throughout each phase of the project, while coordinating with the client, the project team, appropriate agencies, and utilities at each step. The resulting design decisions are documented in the project team minutes of meeting, in CJL reports, and our drawings. Through this process, project changes are minimized, allowing our clients to make informed decisions during each stage of the design process, while the opportunity to influence or modify project direction remains available. The ongoing design coordination done effectively and in collaboration with the construction team results in a much better understanding of the design intent on the part of the construction team. This further reduces misunderstandings and construction problems in the field.

Goal Three: Once the main means of heating and cooling are locked in, we would then focus on the building's MEP infrastructure. The initial focus would be on the arrangement of such systems and how portions of them could remain on line during construction of a phased project while occupants remain in the building. A thorough understanding of the routing of air, water and electrical systems must be established. Whether the systems are set up on a floor-by-floor basis, or vertical shafts or perhaps even a combination will be what set the logistical rules for a successful "renovation while occupied" project. We would also be developing the energy model. This model would be utilized to determine which mechanical systems would best serve the State as well as to assist the Architect in best approaches on window replacement, along with wall and roof insulation upgrade options.

Goal Four: Quality Documents - The high quality and accuracy of our documents result in fewer problems during the construction process, minimal change orders and more effective communication and relationship with contractors. CJL Engineering as our standard operating process, focuses on accurate documentation and written communications throughout the project, including MEP minutes of meetings to supplement those of the Architect. Project documentation is rigorously maintained in a project manual, including reports, calculations, correspondence, punch lists, and utility coordination. This process ensures maximum clarity of engineering concepts and design decisions.



3 QUALIFICATIONS

Our team is full of smart, talented people and strong leadership.

We like to say "our bench is deep." Our more than 150 professionals with diverse backgrounds have a wide range of experience and expertise.





Matt Sotosky, P.E. Principal In Charge WV License #15839 Expires: 12/31/2020



Jim Vizzini, P.E. Project Manager WV License #14468 Expires: 12/31/2020



Rodney Wolfe, P.E. Electrical WV License #15969 Expires: 12/31/2020



Adam Hale, P.E. Mechanical WV License #23509 Expires: 12/31/2020



Adam McKinley, EIT Plumbing



Tim Bertolino, P.E. Electrical



Jesse Bierer Mechanical



Jackie Krawczyk, EIT
Fire Protection



Matthew R. Sotosky, P.E. LEED® Accredited Professional Managing Partner

Contact Information

412.262.1220, ext. 102

msotosky@cjlengineering.com

PROFESSIONAL SUMMARY

Matt Sotosky is a Managing Partner of CJL Engineering. He started with the firm in 1990 and his responsibilities include designing and managing mechanical and electrical engineering projects for all types of buildings. Matt has extensive experience in Design and Commissioning of HVAC, Plumbing and Fire Protection for Healthcare, Educational, Industrial and Commercial projects, with over 27 years of experience as a Professional Engineer. He has designed and/or managed over 2.5 billion dollars in construction.

REPRESENTATIVE PROJECTS

West Virginia University, NASA Independent Verification and Validation Center, Fairmont, WV

West Virginia University, Oglebay Hall and Forensic Lab, LEED® Certified, Morgantown, WV

West Virginia Capitol Complex #3, Charleston, WV

West Virginia University Medicine, Children's Hospital, Morgantown, WV Federated Investors Tower, Pittsburgh, PA Energy Innovation Center, LEED® Platinum, Pittsburgh, PA

Autodesk® Bakery Square 2.0, Tenant Fit out, Pittsburgh, PA

Xitech Corporate Headquarters, Carnegie, PA AT&T Platinum Building, Pittsburgh, PA BJC Data Center, LEED® Compliant, St. Louis, MO

Giant Eagle Corporate Headquarters, Pittsburgh, PA

AccuWeather World Headquarters, State College, PA

Green Building Alliance, LEED® CI Platinum, Pittsburgh, PA

Erie Insurance Headquarters, Erie, PA Leetsdale Industrial Park, Leetsdale, PA eCenter @LindenPointe, Hermitage, PA Cambria County Central Park Complex, Johnstown, PA, Renovation

UPMC Hamot, Bayview Medical Office Building, Erie, PA

Akron Children's Hospital, Beeghley Medical Office Building, Boardman, OH

NOTEWORTHY PROJECTS

UPMC East LEED® Silver, New Medical Center, Monroeville, PA

UPMC Hamot, Regional Center for Mother and Baby Health, Erie, PA

UPMC Hamot, New Patient Care Tower, Erie, PA (In-Design)

UPMC Passavant Pavilion, LEED® Silver, Expansion Pittsburgh

Saint Vincent, Allegheny Health Network, Erie PA

- AC-3 Operating Room Supplemental Chiller Design
- Air Pressure Relationship Study for Entire Hospital
- · New EP Lab, Chemo Infusion Area
- · Orthopedic Surgeons Space
- North Patient Tower, Multiple Floor Renovations

Allegheny County Soldiers and Sailors Memorial, Pittsburgh, PA

Pennsylvania State Correctional Institutions Renovations, Multiple Locations

EDUCATION

Bachelor of Science 1989 / Mechanical Engineering University of Pittsburgh

SPECIALIZATIONS

Mechanical Engineering
Energy Audits and Building Study
Master Planning, Feasibility Study
Geothermal Systems, Commissioning
Healthcare and Central Plants

REGISTERED PROFESSIONAL ENGINEER

Pennsylvania, West Virginia, Maryland, Ohio, Indiana, Michigan, Illinois, Oklahoma, Texas, Kentucky, Florida, Georgia, New Mexico, Missouri Colorado, Tennessee

MEMBERSHIPS/ACTIVITIES

International District Energy Association (IDEA)

American Society of Mechanical Engineers (ASME)

American Society of Plumbing Engineers (ASPE)

ASHRAE

Association for the Society of Hospital Engineers (ASHE)

International Ground Source Heat Pump Association (IGSHPA)

Pennsylvania Society of Professional Engineers (PSPE)

National Society of Professional Engineers (NSPE)

U.S. Green Building Council (USGBC)



James M. Vizzini, P.E. LEED® Accredited Professional Managing Partner | Mechanical Engineering

Contact Information

412.262.1220, ext. 112

pivizzini@cjlengineering.com

PROFESSIONAL SUMMARY

Jim Vizzini is a Managing Partner of CJL Engineering. He has been with CJL since 1992. Jim is responsible for management decisions, overseeing current projects, and maintaining relationships with architect and clients.

While at the Partner level, Jim maintains a close connection to all facets of his projects. His responsibilities continue to include on-site surveys, systems comparisons, scope determination, plan and specifications review as well as construction inspection. Jim also supervises HVAC systems facility evaluation and design for commercial and institutional projects, various schools (K-12), universities and health care facilities. These projects have ranged from large equipment replacement such as chillers, cooling towers, boilers and air handling units, entire HVAC systems design to district heating and cooling plants. Jim has been responsible for over \$2.5 billion of mechanical and electrical construction projects.

RELEVANT PROJECTS

West Virginia University, NASA Independent Verification and Validation Center, Fairmont, WV

West Virginia Capitol Complex, State Office Buildings #3, Charleston, WV

Union Trust Building, Renovation & Retrofit, Historic Building, Pittsburgh, PA

NRG Uptown District Energy Center, UPMC Mercy, Pittsburgh, PA

UPMC Mercy Hospital 6000-Ton Central Plant Design, Pittsburgh, PA

Carnegie Museum of Natural History, Upgrade and Renovation, Pittsburgh, PA,

University of Pittsburgh, Chevron Science Center (Retrofit), chilled water tie-in, 40,000 # / hr. high-pressure steam tie-in, Pittsburgh, PA (2,100-Ton)

Financial Institution Data Center, Central Chilled Water Plant, Pittsburgh, PA

Three PNC Plaza, LEED® Gold, Central Chilled Water Plant, Commissioning and upgrade, Pittsburgh, PA (1,700-Ton)

Green Building Alliance Offices – Riverwalk Center, Pittsburgh, PA

Westinghouse Building, Pittsburgh, PA

Erie Insurance Headquarters, Erie, PA Clarion County Courthouse, Clarion, PA United Steelworkers of America Headquarters, Gateway Center, Pittsburgh, PA GNC Corporate Headquarters, Pittsburgh, PA

NOTEWORTHY PROJECTS

Cambria County Central Parking Complex, Johnstown, PA

University of Pittsburgh, Cathedral of Learning, Multiple Floor Renovations, Pittsburgh, PA

Bucknell University, Carnegie Building, Historic Renovation, Lewisburg, PA

Allegheny County Soldiers and Sailors Memorial Hall a Historic Retrofit, Chilled water plant & steam plant upgrade, all part of a complete HVAC renovation, Pittsburgh, PA

The Pittsburgh Cultural Trust, Historic Retrofit, included a 550-Ton Chilled Water Plant design and commissioning

Carnegie Library, Historic renovation, Pittsburgh, PA

University of Pittsburgh, Historic Hillman Library Renovations, Pittsburgh, PA Duquesne University, Energy Center Master Plan and new Cooling Tower, Pittsburgh, PA

EDUCATION

1987 - Bachelor of Science Mechanical Engineering Technology University of Pittsburgh at Johnstown

SPECIALIZATIONS

Mechanical Engineering Master Planning & Facility Studies District Heating and Cooling Plants On-site Trouble Shooting

REGISTERED PROFESSIONAL ENGINEER

Pennsylvania, West Virginia, District of Columbia, North Carolina, Massachusetts, Maryland, New Jersey, Alabama, Virginia, Delaware, Nebraska

MEMBERSHIPS/ACTIVITIES

ASHRAE

U.S. Green Building Council (USGBC) Building Commission, Diocese of Altoona-Johnstown, PA Construction Specifying Engineer October, 2006 Featured in: "Full of Hot Air?" The Chevron Science Center Renovation, University of Pittsburgh

Presenter

Energy and Education Conference (Geothermal Design) St. Francis University, Loretto, PA - 2009 2012 Johnson Controls Leadership Conference, Potomac, MD Topic: Consulting Engineers Business Strategies and Vendor Teaming 2013 KAPPA Conference, Bedford, PA 2017 KAPPA Conference, Altoona, PA



Adam B. Hale, P.E. Senior Associate I Mechanical Engineer

Contact Information

a 412.262.1220, ext. 139

ahale@cjlengineering.com

PROFESSIONAL SUMMARY

Adam Hale is a Mechanical Engineer at CJL Engineering. He joined the firm in 2008 as an intern and became a full-time employee in 2010.

Adam is responsible for the design and specification of HVAC and other mechanical systems for educational, healthcare, commercial, and corporate clients. He surveys existing facilities and systems to confirm and evaluate their condition. He conducts engineering studies, establishes design criteria, and estimates project costs. He is also responsible for communicating project needs and requirements between owner, architect, engineer and client.

REPRESENTATIVE PROJECTS

West Virginia University Medicine, Children's Hopsital, Morgantown WV

West Virginia Capitol Complex, Building 5, 6 and 7 Steam Upgrade, Charleston, WV

UPMC, Multiple Locations
UPMC East LEED® Silver, New Medical
Center, Monroeville, PA
UPMC Hamot, Regional Center for Mother
and Baby Health, Erie, PA
UPMC Hamot, New Patient Care Tower,
Erie, PA (In-Design)
UPMC Passavant Pavilion, LEED® Silver,
Expansion Pittsburgh
UPMC Presbyterian, Deconstruction &
Redesign, Pittsburgh, PA

Duke LifePoint, Conemaugh Health Systems, Johnstown, PA East Hills Outpatient Center Ebensburg Outpatient Center Conemaugh Memorial, Steam Condensate Study Conemaugh Memorial, Lab Pressure Project Conemaugh Memorial, Plastics Department, Tennant Fit-out Conemaugh Memorial, 'D' Building Infill Tower

UPMC Lemieux Sports Complex, Penguins New Dual Rink Training Facility, Cranberry, PA The Pennsylvania State University, Behrend - Knowledge Park, Advanced Manufacturing and Innovation Center, Erie, PA

Meadville Medical Center, Vernon Place – Medical Office Building, Meadville, PA

St. Francis University, Loretto, PA New Science Center and Vivarium Degol Fieldhouse Renovation Sullivan Hall Renovation

Cambria County War Memorial Arena, Ice Rink Floor Replacement / Hockeyville HVAC Coordination, Johnstown, PA

CamTran Operations Center, Johnstown, PA

One PNC Tower - 14th Floor Renovations. Pittsburgh, PA

Autodesk, Inc. Tenant Fit-Out, Bakery Square Business Complex, Pittsburgh, PA

Stoneham Arena, Rink Refrigeration and Floor Renovation, Stoneham, MA

University of Pittsburgh, Salk Hall Renovation, Pittsburgh, PA

Southwestern Veterans Center, Pittsburgh, PA

McGuffey High School, Renovation, Claysville, PA

Carmichaels Junior-Senior High School, Renovations, Carmichaels, PA

EDUCATION

University of Pittsburgh at Johnstown, Johnstown, PA Bachelor of Science Mechanical Engineering Technology 2010

SPECIALIZATIONS

Mechanical Engineering HVAC Design Facility Analysis Master Planning On-site Troubleshooting

REGISTERED PROFESSIONAL ENGINEER

Pennsylvania West Virginia

MEMBERSHIPS / CERTIFICATES

ASHRAE
ASHRAE HFDP (Healthcare Facility
Design Professional)
ASHE



Rodney A. Wolfe, P.E Principal | Electrical Engineer

Contact Information

3 412.262.1220 ext. 115

nwolfe@cjlengineering.com

PROFESSIONAL SUMMARY

Rodney Wolfe is an Electrical Engineer and Principal of CJL Engineering. He started with the firm in 1993 and he is responsible for overseeing the electrical drafting, design and specifications of projects to assure compliance with local, state and federal codes, regulations and standards, establish company electrical design criteria, and schedule electrical department personnel to complete project assignments. Rodney is involved in the design and specification of low and medium voltage distribution systems, lighting systems, emergency power systems, local area networks, sound and communications systems and site utilities. His noteworthy projects, comprising new construction, expansions and adaptive retrofit include:

RELEVANT PROJECTS

(DGS 514-28, Phase 1) Warren State Hospital, Renovate Fire Alarm and Fire Suppression Systems, Warren County, PA

(DGS 961-31 Phase 1) Hamburg Readiness Center, Pennsylvania National Guard, 75 kW Generator, Hamburg, PA

(DGS 963-57, Phase 1) Greensburg Readiness Center Rehabilitation, Greensburg, PA,

(DGS A970-221) Southwestern Veterans' Center, Emergency Generator Installation, Pittsburgh, PA

(DGS A964-46) Stryker Brigade Readiness Center, Punxsutawney, PA

Pennsylvania State Correctional Institutions Renovations

SCI Dallas, Dallas, PA

SCI Huntingdon, Huntingdon, PA

SCI Cresson, Cresson, PA

SCI Frackville, Frackville, PA

SCI Greensburg, Greensburg, PA

SCI Cambridge Springs, Cambridge Springs

PA State Regional Correctional Facility

Mercer, Mercer County, PA

Westmoreland County Juvenile Detention

Facility, Greensburg, PA

CamTran Operations Building LEED® Certified 750 kW Generator, Johnstown, PA

Lincoln Primary Care Center, 100 kW Generator, Charleston, WV

GE Transportation Division, Erie, PA

Water's Edge – Polar Bear Exhibit LEED® Compliant, Pittsburgh Zoo and PPG Aquarium, Pittsburgh, PA

Animal Health Center LEED® Compliant, Pittsburgh Zoo and PPG Aquarium, Pittsburgh, PA

University of Pittsburgh at Johnstown, Owen Library, Johnstown, PA Jamestown Dual-Rink Ice Arena and District Cooling System Chilled Water Plant, Jamestown, NY

Garrett County Memorial Hospital, Oakland, MD

Greater Johnstown Community YMCA, Johnstown, PA

NOTEWORTHY PROJECTS

Allegheny College, Meadville, PA Clarion University of Pennsylvania, Clarion, PA Community College of Allegheny County, Pittsburgh, PA

Edinboro University of Pennsylvania, Edinboro, PA

Indiana University of Pennsylvania, Indiana, PA Mansfield University of Pennsylvania, Mansfield, PA

Mount Aloysius College, Cresson, PA Slippery Rock University of Pennsylvania, Slippery Rock, PA

University of Pittsburgh at Titusville, Titusville, PA

EDUCATION

B.S. / 1988 / Electrical Engineering University of Pittsburgh

SPECIALIZATIONS

Electrical Engineering

Primary Power

Industrial Power

Government and Healthcare

Schools K-12

Colleges and Universities

REGISTERED PROFESSIONAL ENGINEER

West Virginia

Pennsylvania

Maryland

Ohio

MEMBERSHIPS/ACTIVITIES

Member of the Building Industry Consulting Service International (BICSI).

Pennsylvania Society of Professional Engineers (PSPE)

National Society of Professional Engineers (NSPE)



Timothy C. Bertolino, P.E. Partner | Electrical Engineering

Contact Information

- 3 412.262.1220, ext. 114
- 412.523.4329
- 🖄 tbertolino 🛭 cjlengineering.com

PROFESSIONAL SUMMARY

Tim Bertolino is a Partner of CJL Engineering with over 20 years of electrical design experience. He joined CJL Engineering in 2006 and manages the Electrical Department. Tim has been involved in the electrical system design and commissioning of projects for schools K-12, health care, industrial, college/university, corporate, and government projects. Tim specializes in the design and specification of low, medium and high voltage distribution systems, lighting systems, emergency power systems, local area networks, sound and communications systems and site utilities.

RELEVANT PROJECTS

West Virginia Capitol Complex, State Office Building #3, LEED® Silver, Charleston, WV

DGS, Additions/Renovations to Troop "D", PA State Police, Butler, PA

DGS, Rehabilitate Greensburg Readiness Center, Greensburg, PA

DGS, Replacement of Treatment Plants at Roadside Rest Sites #17 & #18, I-79, Mercer County, PA

DGS, Southwestern Veterans' Center, Allegheny County Renovation, Pittsburgh, PA

DGS, Stryker Brigade Readiness Centers, Pennsylvania Army National Guard SPiRiT Gold Rating, Punxsutawney, PA

Pittsburgh Zoo and PPG Aquarium, Elephant House, Pittsburgh, PA

St. Francis University, Loretto, PA

- New Science Building, LEED® Compliant
- DiSepio Institute for Rural Health and Wellness

CJL Engineering Office Building LEED® Silver, Johnstown, PA

Youngstown Air Reserve Station, Joint Services Lodging Facility LEED® Silver, Youngstown, OH

The Pennsylvania State University, various locations

UPMC East LEED® Silver, New Medical Center, Monroeville, PA

UPMC Hamot, Regional Center for Mother and Baby Health, Erie, PA

UPMC Lemieux Sports Complex, Penguins New Dual-Rink Training Facility, Cranberry, PA The David L. Lawrence Convention Center, Pittsburgh, PA

NOTEWORTHY

Belle Vernon School District, Belle Vernon, PA Wooster Community Hospital, Wooster, OH ATA Building, St. Marys, PA & Punxsutawney, PA SWAN BioMass Conversion Center, Clearfield, PA

Concurrent Technologies Corporation, Johnstown, PA

NGA Arnold – Data Center, Arnold, MO Mine Surface Testing Lab, Pittsburgh, PA Elliott Group Various Project, Jeanette, PA Cumberland Coal Resources, No. 9. Waynesburg, PA

SGL Carbon, LLC, St. Marys. PA Conemaugh Power Plant, Seward, PA GE Electronics, St. Mary's, PA

Solar Power Industries, Belle Vernon, PA Bradford Regional Medical Center, Bradford, PA

EDUCATION

B.A.E. / 1997

The Pennsylvania State University Bachelor of Architectural Engineering

SPECIALIZATIONS

Electrical Engineering
Master Plan & Feasibility Study
Energy Audits
Emergency Power Generation
High, Medium & Low Voltage

REGISTERED PROFESSIONAL ENGINEER

Pennsylvania, Arizona, Arkansas, Colorado, Connecticut, District of Columbia, Florida, Massachusetts, Montana, Nebraska, New Mexico, New York, Oklahoma, Texas, Virginia

MEMBERSHIPS/ACTIVITIES

Illuminating Engineering Society of North America (IESNA)



Adam R. McKinley, E.I.T. Senior Associate

Contact Information

412.262.1220 ext. 113

amckinley@cjlengineering.com

PROFESSIONAL SUMMARY

Adam McKinley is the Plumbing Department Supervisor of CJL Engineering. He started at the firm in 2003 and serves as Project Manager for numerous projects, and is a member of American Society for Plumbing Engineering (ASPE). Adam's experience includes numerous utility extensions and/or relocations for industrial, institutional and commercial projects.

REPRESENTATIVE PROJECTS

West Virginia University Medicine Children's Hospital, Morgantown, WV West Virginia Capitol Complex, State Office Building #3, Charleston, WV Department of General Services, Additions/Renovations to Troop "D", PA State Police, Butler, PA Union Trust Building, Historic Renovation/Retrofit, Pittsburgh, PA Bucknell University, Carnegie Building, Lewisburg, PA Shadyside Presbyterian Church, Pittsburgh, PA

Department of General Services, Rehabilitate Greensburg Readiness Center, Greensburg, PA

Punxsutawney Area Transit Authority, Punxsutawney, PA

St. Marys Transit Center, St. Marys, PA CamTran ATA Operations Center, Johnstown, PA

Water's Edge, LEED® Compliant Pittsburgh Zoo and PPG Aquarium, Pittsburgh, PA

University of Pittsburgh, Cathedral of Learning, Pittsburgh, PA

UPMC-East, LEED® Silver Hospital, Monroeville, PA

Erie Public Safety Building – 911 Center, Erie, PA

PA Army National Guard – Stryker Brigade, Punxsutawney, PA

Greater Johnstown Community YMCA, Johnstown, PA

Paris Healthcare Linen Services – Processing Plant, DuBois, PA Swann Biomass Ethanol Plant, Clearfield, PA ATA Building, LEED® Silver, St. Marys, PA Presque Isle Downs, Erie, PA Complex includes a non-smoking casino, restaurants, stables, barns, administration buildings and racetrack support facilities.

NOTEWORTHY PROJECTS

Sullivan, MO

University of Pittsburgh at Johnstown, New Wellness Center, Johnstown, PA
St. Francis University, New Science Center, Sullivan Hall – Renovation, and DeGol Field House – Expansion, Loretto, PA
West Chester University, E.O. Bull Center, West Chester, PA
UPMC Hamot, Bayview Medical Office Building, Erie, PA
Vincentian Collaborative System, Pittsburgh, PA
WRC Senior Services, Clarion, PA
Fulton County Medical Center, McConnellsburg, PA
BJC – Missouri Baptist Hospital Sullivan,

EDUCATION

B. S. / 2001 / Mechanical Engineering Technology University of Pittsburgh

SPECIALIZATIONS

HVAC and Plumbing Design Project Management



Jaclyn A. Krawczyk, EIT LEED® Accredited Professional Associate | Fire Protection

Contact Information

2 412.262.1220 ext. 183

jkrawczyk@cjlengineering.com

PROFESSIONAL SUMMARY

Jackie Krawczyk is an Associate and Fire Protection Designer with CJL Engineering and has over 14 years of experience in the industry. She is responsible for surveying and evaluating the condition of existing facilities, designing new fire protection and fire alarm systems, International Building Code and NFPA code consultations, evaluating shop drawing submissions, and performing life safety analysis on new and existing building projects. Jackie also provides construction observation services, which requires her to visit the construction site to solve field problems and to provide punch lists for completion of the project.

REPRESENTATIVE PROJECTS

West Virginia Capitol Complex, Building #3, Tie into the Central Heating Plant, Charleston, WV

West Virginia University, Oglebay Hall, Forensic Science Lab, Historic Building Renovation, LEED® Certified, Morgantown, WV

Bluefield Regional Medical Center, MOB, Bluefield, WV

Valley Hospice Personal Care Home, Wheeling, WV

Union Trust Building, Historic Landmark Renovation and Retrofit, Pittsburgh, PA

Bucknell University, Carnegie Building Historic Reconstruction and Renovation, Lewisburg, PA

University of Pittsburgh, Pittsburgh, PA

- Cathedral of Learning, Multiple Floor Renovations
- Posvar Hall Renovations
- Victoria Hall Sprinkler System Upgrade

Wooster Community Hospital, Outpatient Cancer Center, Wooster, OH

UPMC East, New Medical Center, LEED® Silver, Monroeville, PA

NOTEWORTHY PROJECTS

UPMC Lemieux Sports Complex – New Medical Offices, Dual Ice Rink and Training Facility, Cranberry, PA

UPMC Hamot, Regional Center for Mother and Baby Health, Erie, PA

Duke LifePoint East Hills Outpatient Center, Conemaugh Health System, Johnstown PA

Akron Children's Hospital, Beeghly Campus, Boardman, OH

Missouri Baptist Hospital, St. Louis, MO

Radiation Oncology Center at Lakewood Ranch Professional Center, Sarasota, FL

Carmichaels Junior-Senior High School – Renovations, Carmichaels, PA

St. Francis University, Loretto, PA

- New Science Center and Vivarium
- DiSepio Institute for Rural Health and Wellness LEED® Compliant

Seneca Nation of Indians New Sports Complexes, Cattaraugus and Alleghany Territories, NY

Elliott Group, Research and Development Testing Facility, Jeanette, PA

The Pennsylvania State University, The Behrend Campus, Knowledge Park, Erie, PA

EDUCATION

The Pennsylvania State University, University Park, PA

Bachelor of Science

Mechanical Engineering, 2004

SPECIALIZATIONS

Sprinkler System Design

Fire Alarm System Design

Code Consultation

Life Safety Analysis

MEMBERSHIPS/ACTIVITIES:

Society of Fire Protection Engineers

Member

National Fire Protection Association Member

AutoCAD

REVIT BIM

HASS Hydraulic Analysis



Jesse Bierer Mechanical Designer

Contact Information

3 412.262.1220, ext 161

ibierer @cjlengineering.com

PROFESSIONAL SUMMARY

Jesse Bierer is the Morgantown Office Manager and Mechanical Designer at CJL Engineering joining the firm in 2017. He has been involved in the mechanical system design and commissioning of projects for health care, schools K-12, industrial, college/university, and corporate projects. Jesse specializes in the design and specification of hot and chilled water systems, heating and cooling air systems.

RELEVANT PROJECTS

West Virginia University Medicine, Children's Hospital, Morgantown, WV

West Virginia University Medicine, Central Sterile Renovation, Morgantown, WV

Stoneham Rink Renovation, Stoneham, Massachusetts

High Rise Tenant Fit Out - East Beaver Avenue, State College, PA

AHN St. Vincent Hospital Hardner Building, Erie, PA

AHN St. Vincent Hospital Nuclear Imaging Renovations, Erie, PA

AHN St. Vincent Hospital - 5th Floor, Erie, PA

AHN St. Vincent Infill building, Eire, PA

Bentley Building - CHS Alera, Pittsburgh, PA

Conemaugh Medical Oncology Addition East Hills, Johnstown, PA

Conemaugh Good Sam Radiology Oncology Renovation, Johnstown, PA Fox Chapel Area School District, New Kerr Elementary, Pittsburgh, PA

Meritus - Robinwood Suite 200 Residency, Hagerstown, MD

Magee Women's Hospital - Green Zone Fire Protection, Pittsburgh, PA

NRG Uptown District Energy Center, Pittsburgh, PA

PA Cyber Wexford, Wexford, PA

St. Edmunds Academy, Pittsburgh, PA

Davita Tenant Fit Out, Loch Raven, MD

Union Trust Building – 2nd Floor, Pittsburgh, PA

University of Pittsburgh Community Engagement Center, Pittsburgh, PA

UPMC Hamot Lung Center, Erie, PA

UPMC Magee-Womens Hospital, Pittsburgh, PA

EDUCATION

West Virginia University Bachelor of Science Mechanical Engineering Aerospace Engineering 2016

SPECIALIZATIONS

Mechanical Engineering Project Management HVAC Systems AutoCAD Revit

MEMBERSHIPS/ACTIVITIES

ASHRAE



4 EXPERIENCE

West Virginia Projects

West Virginia Capitol Complex, State Office Buildings #1 & #3 LEED® Certified, Charleston, WV

West Virginia University Medicine, New Children's Hospital, Ruby Hospital, Morgantown, WV

West Virginia University, Morgantown, WV

- · NASA Independent Verification and Validation Center, Fairmont, WV
- Studio Theater Renovation, Morgantown, WV
- Oglebay Hall, Forensic Science Lab, LEED® Certified, Morgantown, WV
- · Brooks Science Hall, Morgantown, WV
- Campus Master Plan, Morgantown, WV

Fairmont State College, Fairmont, WV

- · Hunt Haught Hall, Fairmont, WV
- · Pritchard Hall, Fairmont WV

Beckley Neville Street Renovation Project, Beckley, WV

Chestnut Manor, Renovation Project, Weirton, WV

Community Bank of Parkersburg, Parkersburg, WV

West Liberty State College, Fire Alarm System, West Liberty, WV

Weirton Medical Center, Weirton, WV, Various Projects

- · Administration Suite, CT Scanner, Emergency Power
- · Medical Records, MRI, Pharmacy, Sleep Lab
- Women's Center, Endoscopy, Fire Pump
- · Medical Office Building, Business Office
- New OR Suite, Physician Lounge and Library

Bluefield Regional Center, Bluefield, WV

Valley Hospice Personal Care Home, Wheeling WV



State Office Building #3, LEED® Certified

West Virginia Capitol Complex, Charleston, WV



THE PROJECT

The West Virginia State Office Building #3 is a 235,000 sf 10-story limestone-faced structure that is part of the Capitol Complex in Charleston, WV. Built in the early 1950's the structure houses a number of different state offices. The building required a comprehensive retrofit and upgrade of all mechanical, electrical and plumbing systems. Following its architectural and engineering retrofit, the building achieved LEED® Certification.

CJL DESIGN SOLUTIONS

- All existing MEP equipment was replaced with new systems and the building was brought up to meet current code requirements
- Heating and cooling systems were connected to the existing campus wide steam and chilled water systems
- New electrical service and equipment were provided to serve the building including a new emergency generator

- All new plumbing systems, including new fixtures, were installed
- Fire protection systems were installed for a fully sprinklered building with a new fire pump located in the basement
- The building is LEED® Certified

PROJECT REFERENCE:

Scott Mason, PE 1900 Kanawha Boulevard, East Charleston, WV 25305 304.558.3490

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Oglebay Hall, Forensic Science Lab West Virginia University, LEED® Certified, Morgantown, WV



THE PROJECT

West Virginia University transformed its historic 54,000 sf Oglebay Hall into a state-of-the-art forensics laboratory and classroom building. Dating from 1916, the new 74,000 sf building includes DNA and molecular biology laboratories, electron microscopy, bone analysis, gas chromatograph, ballistics analysis, blood, fingerprint, and trace evidence analysis facilities, as well as classrooms, faculty and graduate student offices, and new auditoriums. The project is designed to achieve a LEED® certification.

CJL DESIGN SOLUTIONS

- HVAC systems provide exceptional indoor air quality and energy efficient performance. Variable speed drives reduce energy use during part load conditions, and the HVAC systems use environmentally friendly refrigerants.
- Ventilation levels in non-lab areas automatically adjust for the number of occupants. Generous fresh air volumes are 'scrubbed' with MERV-13 high efficiency filtration and ultraviolet (UV) lights that reduce airborne contaminants.
- · Bridge tie in to new campus wide chilled water distribution system.

- Routing of campus loop piping through the basement and crawlspace.
- Building chilled water pumps equipped with variable speed drives for energy savings.
- Equipment selected with 15 degree chilled water temperature rise to increase central plant efficiency and reduce building pipe sizes.
- High performance window glazing system for beneficial daylight will reduce thermal losses and solar heat gain. Lighting systems adjust to daylight levels and automatically allow for dim and shut off, saving energy.

Project Reference

Mr. Arbie Forman, PE Project Manager, Physical Plant West Virginia University 304.293.2878 arbie.forman@mail.wvu.edu

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NASA IV&V Facility

West Virginia University, Fairmont, WV



THE PROJECT

The Independent Verification and Validation Center was built by West Virginia University for NASA. CJL Engineering was responsible for the facility's Mechanical and Electrical Engineering Design. Achieving total power redundancy was a priority for this 50,000 sf super computer center.

CJL DESIGN SOLUTIONS

- Chilled water systems with redundant chillers and air-handling units with variable frequency drives.
- Under-floor chilled water loop.
- Redundant chilled water and hot water pumping systems with VFD.
- Energy management system with monitoring and alarm sensors.
- Two 4000-amp 480-volt independent primary power feeds from separate power companies for system redundancy.

- Two 1000 KVA generators, with provisions for a third, provide generator / utility paralleling.
- 1000 KVA uninterruptible power supply (UPS) and 15-minute wet battery backup.
- Emergency diesel generators with a redundant unit, and provisions for a fourth, supply the entire building with back-up power.
- Under-floor duct system for computer, communication, and power cable.

CJL Engineering



Union Trust Building

Renovation / Retrofit of Historic Landmark, Pittsburgh, PA



THE PROJECT

Built in 1916 by Industrialist Henry Clay Frick as the Union Arcade, and now known as the Union Trust Building, this 517,376 sf, 11-story structure is one of the most recognizable architectural landmarks in Downtown Pittsburgh.

The \$100 million renovation and retrofit project restored and modernized the building. CJL Engineering designed the comprehensive MEP retrofit, including interior and exterior lighting upgrades.

CJL DESIGN SOLUTIONS

- New exterior lighting design including façade lighting and accent lighting for columns, window arches, decorative rosettes, and mansard roof with energy-efficient LED lighting
- Retrofit existing pendant mounted decorative bowl fixtures with LED up-lights and down-lights to maintain historical integrity while increasing light levels
- Redesigned lighting and control system for stained glass rotunda dome to increase light levels and improve energy-efficiency with LED fixtures
- Brightened atrium and corridors with low-profile up-lighting

CJL Engineering



Energy Center Pittsburgh - Uptown Steam, Chilled Water, Emergency Power, Pittsburgh, PA



THE PROJECT

The new gas-powered plant energy center will deliver steam, chilled water and backup power to UPMC Mercy and additional future customers with higher efficiency, lower carbon emissions, and lower capital and operating costs compared to multiple, stand-alone systems. The plant was situated in the Uptown District because of the proximity to UPMC Mercy, Chatham Center, Consol Energy Center & future tenants.

CJL DESIGN SOLUTIONS

The plant is presently designed to serve the chilled water, steam and emergency power requirements of UPMC Mercy Hospital and will produce:

 Chilled Water - 5500 tons operating capacity with another 2750 tons of stand-by capacity.

- Steam 100,000 LBS / HR operating capacity with another 50,000LBS
 / HR of stand-by capacity. Steam pressure is at 150 PSIG
- Emergency Generators 5 MW operating capacity with another 2.5 MW of stand-by capacity.
- Design of the chilled water lines sizes for 30-inch HDPE (high density polyethylene) to exiting plant and 24inch HDPE after the split.
- Experience with the NRG project includes underground vaults associated with the steam installation as well. Vaults included both precast and poured in place installations.
- The Energy Center Pittsburgh Uptown project was a design-build effort with collaboration coordination

and review with all stakeholders. Piping and conduit placement review and coordination continued throughout construction to assure that design objectives were met while avoiding underground obstacles, including those which had not been detected by earlier discovery methods. This effort served the project very well, particularly at the massively congested crossings of Forbes and Fifth Avenues.

PROJECT REFERENCE:

James R. Lodge Vice President, District Energy Operations NRG Energy, Distributed Generation 602.541.4952 James.Lodge@nrgenergy.com

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National Cancer Institute - Fort Detrick

Master Plan Analysis for Chiller Plants, Frederick, MD



THE PROJECT

The National Cancer Institute at Fort Detrick requested an evaluation of technical and financial requirements and the development of a master plan for the potential upgrade of two existing cooling plants. CJL Engineering via its Frederick, Maryland office evaluated the technical feasibility, constructability issues, potential design approach, additional energy efficiency opportunities, and project phasing to reduce disruption of services, and developed preliminary cost estimates for various alternatives.

CJL DESIGN SOLUTIONS

- Performed detailed site walk-through and updated existing plants inventory.
- Building Automation System (BAS)
 used to supply trend data and develop
 accurate load profile of existing cooling
 and associated electrical demand. Also
 cooling capacities for existing and future
 loads, equipment, system redundancies
 and concurrent maintainability
- BAS Controls and tie-in to existing systems, metering, valves, PRVs, existing conditions and arrangement for piping, valves, pumps and auxiliary equipment and impact of potential primary equipment replacement.
- Based upon current plant capacity, existing and future load profiles, developed a recommended strategy for plant upsizing and energy use reduction, also a strategy for built-in redundancy / concurrent maintainability.

- Provided the impact of primary equipment replacement / upgrades on electrical capacities and existing infrastructure.
- Structural & Civil requirements, site utilities and distribution as well as Operations/Maintenance
- Preliminary plans for construction logistics, avoidance of downtime and plant offline risk analysis.
- Order-of-magnitude budget costs were developed for equipment replacement/upsize, construction feasibility and project phasing.

PROJECT REFERENCE

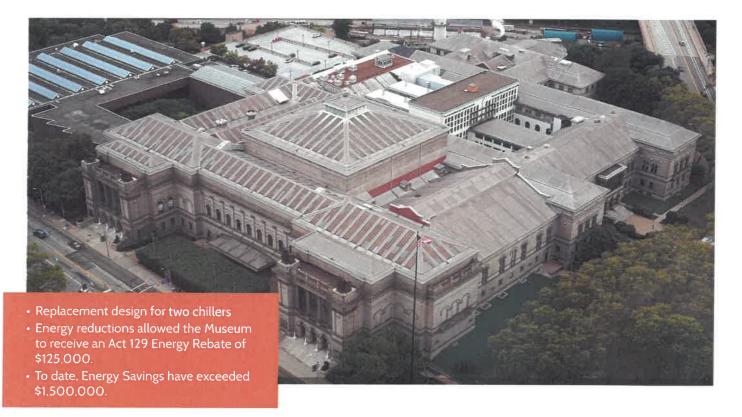
Leonard Wrona National Institute of Health Leidos Biomedical Research 301.846.7252 wronal@mail.nih.gov

CJL Engineering



Carnegie Museum of Natural History

Plant Energy Upgrade, Pittsburgh, PA



THE PROJECT

The 12O-year-old Carnegie Museum of Natural History is a National Historic Landmark Building in the heart of the Oakland section of Pittsburgh, located between the University of Pittsburgh and Carnegie Mellon University. CJL Engineering was hired by the Museum to conduct a Heating/Cooling Plant Master Plan to develop an approach for the upgrade of the Chilled Water System.

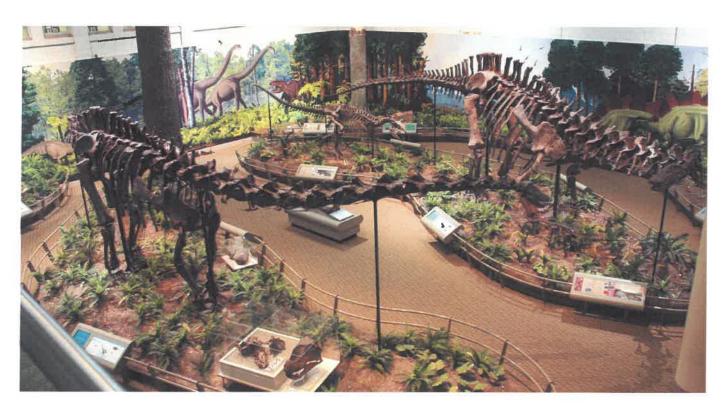
CJL DESIGN SOLUTIONS

- The Museum's existing inefficient system was comprised of two 39- year-old chillers and a third 13- year-old chiller. The system had the potential to fail at any time. The upgrade also provided needed back-up cooling capacity during hot summer weather
- Engineer a replacement design for the two 39 year-old chillers (which were well past their expected life cycle) using new energy efficient equipment
- Additionally, the Museum obtains its high-pressure (175#) steam from the Bellefield Plant, which serves the greater Oakland area (Pitt/CMU/UPMC). Cross checking the annual steam-use bills, along with historical metering data and general engineering estimates on the facility on this type and size suggest that the Museum could achieve added energy savings with a steam plant of its own, with a projected estimated cost of \$5M dollars
- Energy reductions to the plant were modeled and approved by a third party, allowing for the Museum to receive an Act 129 Energy Rebate from Duquesne Light in the amount of \$125,000. Energy Savings have exceeded \$1,500,000.



Carnegie Museum of Natural History

Plant Energy Upgrade, Pittsburgh, PA



CJL ENGINEERING DESIGN SOLUTIONS INCLUDED THE FOLLOWING ENERGY SAVINGS ENHANCEMENTS:

- Removal of counter-productive chilled water return by-pass line
- Reduction in peak load requirement from 2,000 Tons to 1,550 Tons
- Consolidation of Primary / Secondary / Tertiary Chilled Water Pumps (450 HP total) to a Variable Primary Pumping Arrangement (250 HP maximum)
- 850-Ton Chiller with Variable Speed Drive
- 1,250-Ton Constant Speed Chiller
- Variable Speed Condenser Water Pumps

- Variable Speed Cooling Tower Fans
- Winter "Free-Cooling" Heat Exchanger
- Low condenser water temperature sequences to allow for significant reduction in consumed chiller energy whenever outside wet bulb temperatures allow
- Commissioning performed by CJL Engineering
- Original Plant Efficiency; 1.5 KW / Ton
- New Total Plant Efficiency at peak loading confirmed at 0.83 KW / Ton, includes; Chillers, Pumps, Cooling Towers

PROJECT REFERENCE

Contact:

Mr. Frank Cardiello CFO, VP of Finance, Treasurer

Carnegie Museum of Natural History 4400 Forbes Avenue Pittsburgh, PA 15213

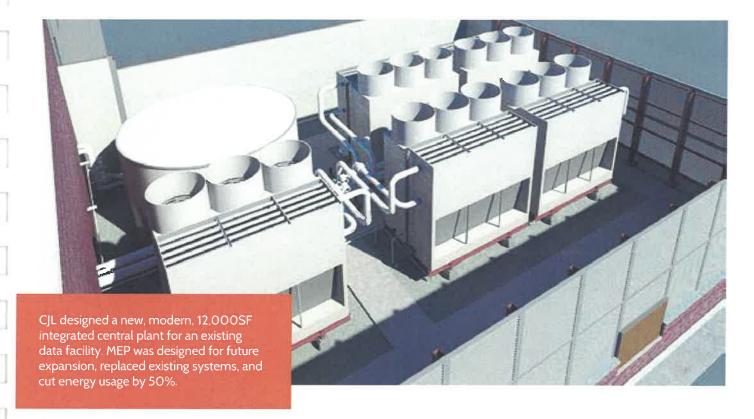
412.818.2718 cardiellof@carnegiemuseums.org

CJL Engineering



Data Center, Large Financial Institution

New Central Plant, Pittsburgh, PA



THE PROJECT

The new \$18 million, 12,000 sq. ft. Central Plant for an existing Data Center in Pittsburgh, PA was located adjacent to the existing facility. The New Central Plant replaced the existing systems and cut energy usage by 50%. The new plant had to be full up tested and operationally proven before integration into the existing Data Center Operations

CJL DESIGN SOLUTIONS

- The Central Plant was built for uninterrupted reliability including 2N utility power sources, automatic and manual transfer switches for mechanical equipment, variable primary pumping and N+1 redundancy and concurrent maintainability for mechanical equipment.
- A 60,000 gallon thermal energy storage tank was designed to provide 15 minutes of ride through capacity.
- Plant can be operated through Building Automation System (BAS) system or run locally through distributed manual control panels.

- The Facility includes a second story shell space for a future NOC Command Center.
- The Data Center cooling load heat rejection is being recovered and used for sidewalk snow melt.
- The design has the ability for future expansion of Mechanical and Electrical systems.
- Temporary connections for emergency generator or portable chillers were planned, designed and used for the construction phase of this project.



5 PAST PERFORMANCE

References

Drew M. Chidester

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Vice President
District Energy Operations & Asset
Management
NRG Energy, Distributed Generation
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6 ADDITIONAL INFORMATION

CJL Engineering Contact Information

CEOI 0211 GSD1900000006

A/E Services for Building 22 HVAC Renovations Project

Marketing and Business Development

Mark F. Sotosky 232 Horner Street Johnstown, PA 15902

(814) 536-1651 Ext. 102 (814) 619-1040 cell marksotosky@cjlengineering.com

Project Manager

James M. Vizzini, P.E., LEED® AP 232 Horner Street Johnstown, PA 15902

(814) 536-1651 Ext. 112 (814) 322-5457 cell jvizzini@cjlengineering.com **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.

Mark Sotosky, Director of Marketing and Business Development

(Name, Title)
Mark Sotosky, Director of Marketing and Business Development

(Printed Name and Title)
232 Horner Street, Johnstown, PA 15902

(Address)
814-536-1651 / 814-536-5732

(Phone Number) / (Fax Number)
marksotosky@cjlengineering.com

(email address)

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

CJL Engineering

(Company)

Managing Partner

Authorized Signature) (Representative Name, Title)

Matthew R. Sotosky, PE, LEED AP, / Managing Partner

(Printed Name and Title of Authorized Representative)

April 18, 2019

(Date)

814-536-1651 / 814-536-5732

(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed live percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

Richland Twp., Cambria County
My Commission Expires Aug. 15. 2021
MEMBER, FENNSYLVANIAASSOCIATION OF NOTARIES