



West Virginia Purchasing Division

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Charleston, WV 25305
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The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at wvOASIS.gov. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at WVPurchasing.gov with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header @ 1

[List View](#)**General Information** | [Contact](#) | [Default Values](#) | [Discount](#) | [Document Information](#) | [Clarification Request](#)

Procurement Folder: 944005

Procurement Type: Central Purchase Order

Vendor ID: 000000167118 

Legal Name: CDI INFRASTRUCTURE LLC

Alias/DBA:

Total Bid: \$0.00

Response Date: 10/27/2021 

Response Time: 12:23

Responded By User ID: LRKimball 

First Name: Renee

Last Name: Schoop

Email: renee.schoop@lrkimball.

Phone: 814.472.7700

SO Doc Code: CEOI

SO Dept: 0603

SO Doc ID: ADJ2200000006

Published Date: 10/6/21

Close Date: 10/27/21

Close Time: 13:30

Status: Closed

Solicitation Description: JFHQ TAG Wing Renovation Design 

Total of Header Attachments: 1

Total of All Attachments: 1

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	JFHQ TAG Wing Renovation Design				0.00

Comm Code	Manufacturer	Specification	Model #
81101508			

Commodity Line Comments: This CEOI is for qualifications only at this time, not price.

Extended Description:

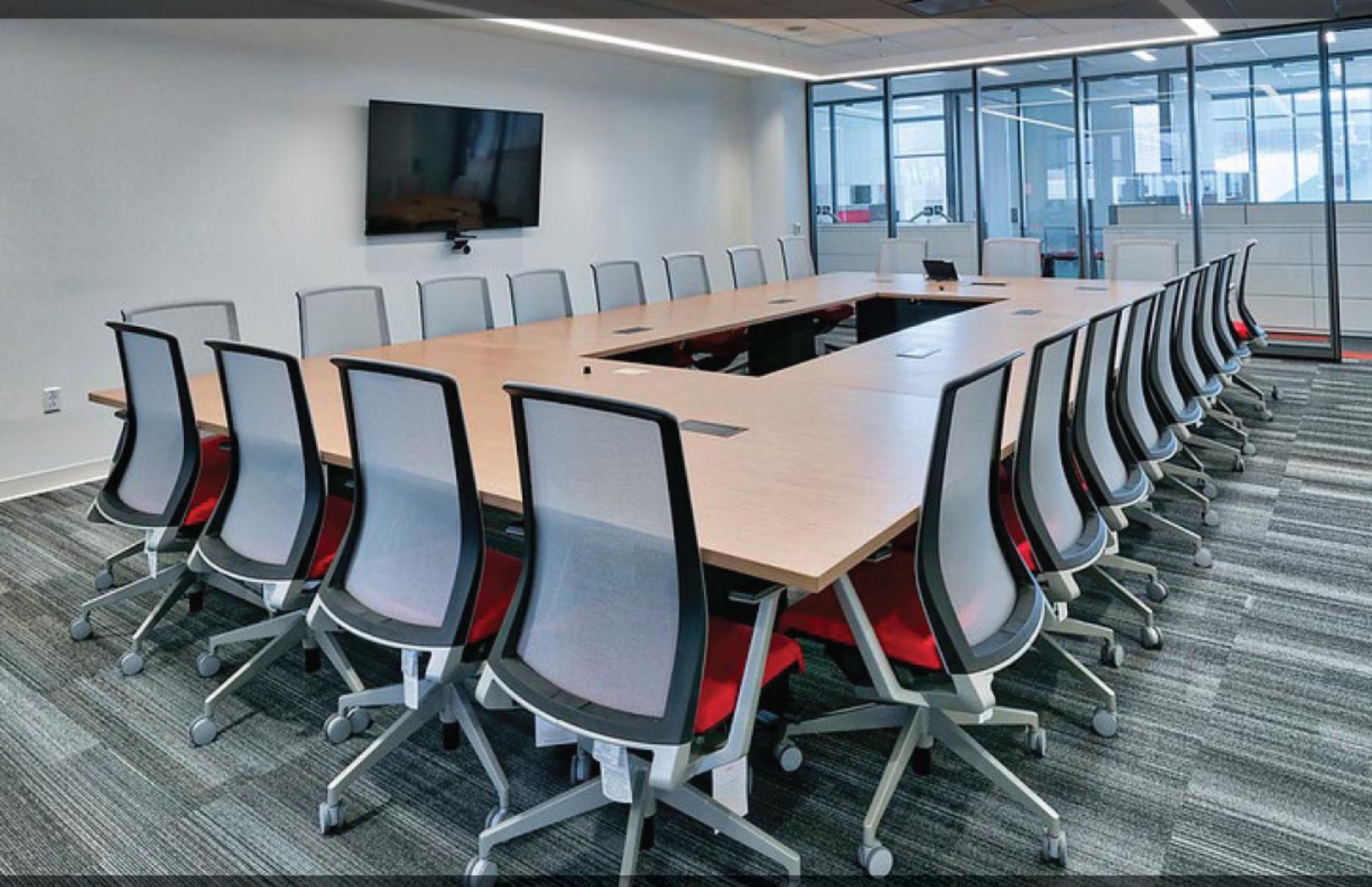
Provide professional architectural and engineering design services per the attached documentation.

WV DIVISION OF PURCHASING & WV ARMY NATIONAL GUARD

JFHQ TAG WING RENOVATION DESIGN

Solicitation Number: CEOI 0603 ADJ2200000006

Due: **OCTOBER 27, 2021, 1:30PM EST**



Submitted by: **L.R. Kimball**
A Division of TranSystems

Contact:

L.R. Kimball
A Division of TranSystems

DAVID RISPOLI, PE, PMP

Director of Architecture and Engineering

Mobile: 814.935.7165

Email: darispoli@transystems.com

Front Cover Image:

Sheetz, Inc., New Corporate Headquarters & Operations Training Center, Claysburg, PA

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*Pictured Here:
Sheetz, Inc., New Corporate Headquarters & Operations Training Center, Claysburg, PA*

October 27, 2021

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

RE: WV Army National Guard, JFHQ TAG Wing Renovation Design
Solicitation Number: CEOI 0603 ADJ2200000006

Dear Mr. Pauline:

Thank you for the opportunity to submit our proposal to provide architectural and engineering services for the West Virginia Purchasing Division and the West Virginia Army National Guard.

We understand that this project involves the full renovation of the TAG Wing Area of the Joint Forces Headquarters building in Charleston, WV. This project will also ensure that the interior spaces are updated, which will include energy efficiency considerations such as LED lighting. All current building codes will be met and the facility will address personnel needs. Interior spaces affected by this area include offices and restrooms.

Our team would love to participate in the design of this renovation project. L.R. Kimball is now a division of TranSystems and together we offer a strong team of architects and engineers:

- We have **experience designing large and small government and military buildings with office components including these notable and relevant projects:**
 - **NAVFAC Hawaii JBPHH Building 17 Repair, HI**
 - **NAVFAC Hawaii, JBPHH Waterfront Operations Facility, HI**
 - **Delaware Valley Intelligence Center, Philadelphia, PA**
 - **Armed Forces Reserve Center & Field Maintenance Shop, Williamsport, PA**
- **45+ years in the design of office, industrial and commercial spaces** - our integrated design approach will deliver a project that meets both your budget and aspirations.
- **45+ years of experience working in West Virginia.** Our integrated project team understands the complexity of working in support of WV State departments and we deliver projects that support the mission of your team. The team has extensive resources across all disciplines with a record for successful projects in West Virginia for more than four decades.
- **Full-service firm with 68+ years in business** to manage your projects from conception to ribbon-cutting. These include: architecture, building systems engineering, planning studies, benefit cost analysis, value engineering, and construction administration. As a result, we can provide in-house aid for virtually any task that may arise.
- **Engineer and Client Liaison in West Virginia** supported by a team of 900 professional, technical and administrative personnel across the country
- **Our team is more than capable of providing services efficiently and cost effectively** on projects regardless of scope or scale. We view this type of project as an extension of our client's team and can provide immediate and nimble staffing to suit your immediate needs.
- We understand the challenges of creating and maintaining your physical assets, preserving the efficiency of the WV State Department and the WV Army National Guard and the required supporting facilities. **The L.R. Kimball team will be both partners and stewards in the process** of designing the interior renovations of the JFHQ TAG Wing.

- **Enthusiasm & Dedication.** L.R. Kimball pledges to be resource that is always willing to assist in any manner called upon.

Our architects and engineers bring both innovation and discipline to delivering projects that meet budgetary demand and exceed expectations. Our team can quickly mobilize and deliver your project on budget and on schedule. Our team is excited about this opportunity to work for the State of West Virginia and WVARNG and we are delighted to submit the attached materials for your review and consideration.

Please note that while we are now a division of TranSystems, we are still currently operating under CDI-Infrastructure, LLC dba L.R. Kimball in West Virginia. We look forward to discussing any of the contents of this document and hope that your review of our qualifications will afford us the opportunity to do so.

A handwritten signature in blue ink, appearing to read "David A. Rispoli".

David Rispoli, PE, PMP
Director of Architecture and Engineering



Pictured here are L.R. Kimball Architects and Project Managers Ruchik Vyas & Diane Glarrow.

Diane's recent and relevant experience includes work in West Virginia (Marshall University's New Flight School at Yeager Airport and the NCWV Regional Airport Terminal) as well as renovations and new construction to office projects across other states. Notable projects include office and warehouse renovations as well as the new Headquarters and Training Center for Sheetz, Inc.

— QUALIFICATIONS / EXPERIENCE / PAST PERFORMANCE



a. TEAM INTRODUCTION & SUMMARY OF RELEVANT EXPERIENCE

We have gathered a strong, local and national team of experts with experience working together on similar projects to handle all design aspects of this interior renovation project.

ROLE: *Prime, Architecture, Building Systems Engineering, Civil Engineering / Utilities & Construction Administration*

L.R. Kimball A Division of TranSystems

- 68 Years in Business with an appreciation for our military that started with our Founder, L. Robert Kimball
- Offices in Pittsburgh and Ebensburg, PA, supported by 30+ additional offices across the country
- We have ***experience designing large and small government and military buildings with office components***
- 40+ years of experience in office and commercial facility design
- 45+ Years working on a variety of projects across West Virginia

ROLE: *Cost Estimating*



- Service Disabled Veteran Owned Small Business
- Offices in Pittsburgh, PA and Blasdell, NY
- Trophy Point's team consists of construction industry professionals with diverse and complementary backgrounds, educations, training and collective experiences that benefit any project team they support.
- President & Owner, Rich Chudzik brings over 20 years of leadership experience across organizations and teams of varying functions, sizes, and industries. Rich has served as the Estimator-of-Record and Project Manager on several new-build and renovation projects.

The following pages describe in more detail, the firm backgrounds of our team members.

In May of 2021, L.R. Kimball, a 68-year-old architecture and engineering firm headquartered in Ebsenburg, Pennsylvania, became a division of TranSystems Corporation, a national engineering, architecture, planning, and construction consulting firm.

For more than 55 years, TranSystems has provided engineering and architectural planning, design and construction solutions to enhance the movement of goods and people across today's integrated transportation infrastructure. Its professionals in 35 offices throughout the U.S. perform a broad range of services to all sectors of the transportation and federal marketplaces.

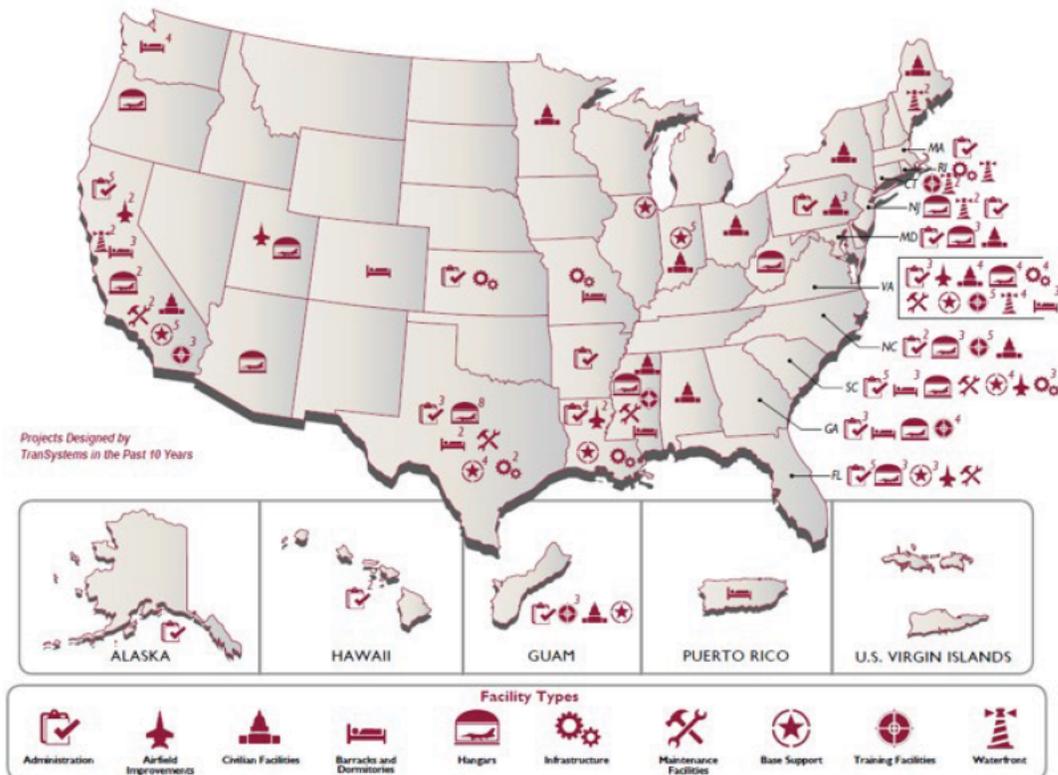
TranSystems Office Locations

900 Professionals in 35 Offices



Our joining of forces strengthens our capabilities throughout the full project life cycle – from planning and programming to design and construction services. L.R. Kimball and TranSystems have bolstered our depth of resources with 900 combined professionals. Together, we offer clients the full range of engineering, architecture, planning, environmental/geosciences and construction services. The same professionals our clients know and trust will continue providing high-level quality services for all of our projects with the added advantage of providing additional in-house services and subject matter expertise.

Our federal experience includes the project types demonstrated by this graphic.





Trophy Point is a certified Service-Disabled, Veteran-Owned Small Business (SDVOSB) that provides Construction Cost Estimating, Construction Management Support, Owner’s Representative Services and Construction Consulting services.

Within each of these areas, Trophy Point provides ancillary services, such as those shown below. The most common services offered by Trophy Point are cost estimating, scheduling, integrated design and constructability review services, staff augmentation, and owner’s representation. Trophy Point’s services enable the company to provide full pre-construction controls.

For decades, Trophy Point has provided Construction Cost Estimating services, where required, in the Pre-Construction, Construction, and Post-Construction phases of a project. In 2018, Trophy Point merged with Baer & Associates, a nationally-recognized cost consulting firm known for its estimating accuracy and thoroughness. The combination of Trophy Point’s mission first approach with Baer & Associates’ experienced staff and history enabled the new organization to integrate the best practices of both teams in a manner that resulted in tremendous synergistic benefits to the industry.

The Trophy Point team strives to assist their clients in understanding construction costs during the concept phase of a project and provides them with detailed and accurate estimates as a project design matures. Since 1976, the Trophy Point team has developed an ability to provide accurate estimates prior to the execution of formal design efforts in an unrivaled manner that enables clients to align their scope with their budgets quickly and effectively.

The Trophy Point team is capable of supporting their clients as a project transitions into Construction in several different capacities, such as Change Order Management / Review, Pay App Reviews and Construction Consulting. Trophy Point’s understanding of the variables that impact costs and their associated magnitude on a project is unrivaled and serves as the bedrock upon which their team differentiates itself from other cost consultants.

Trophy Point also provides unparalleled Owner’s Representative, Construction Management Support, and Construction Consulting services. Their understanding of how a project’s costs are derived has enabled them to expand their professional services into many areas, such as Scheduling, Construction Administration, Staff Augmentation, Integrated Design and Constructability Reviews, and general Owner’s Representation. Their team provides a “one-stop shop” for professional services required during all phases of a project. Trophy Point is flexible and able to accommodate the needs of their clients by providing any of these services in an independent capacity as well.

Trophy Point’s team consists of construction industry professionals with diverse and complementary backgrounds, educations, training and collective experiences that benefit their clients and any project team they are a part of.

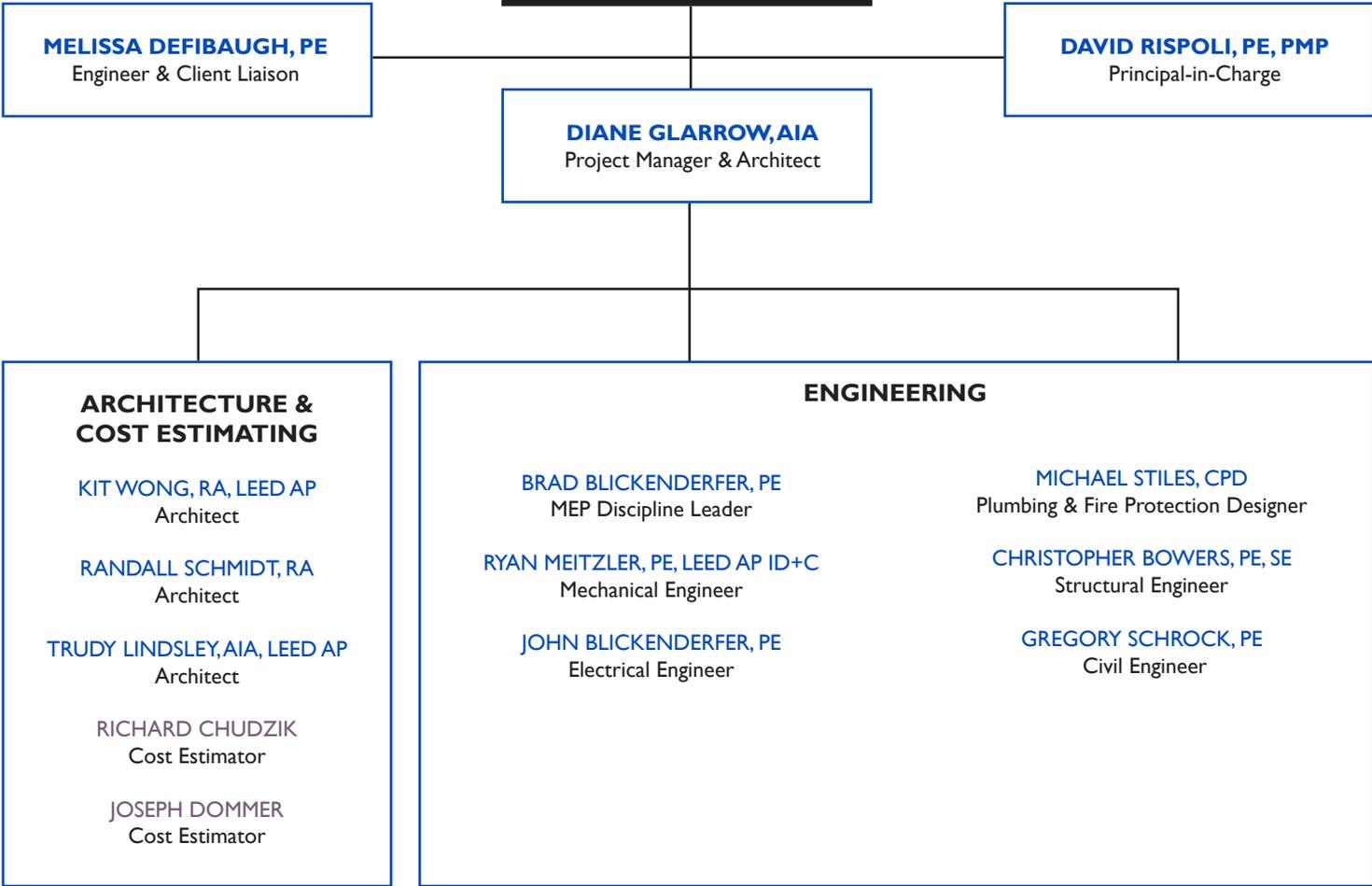
The Trophy Point team consists of professionals who work out of offices in Buffalo, NY, Pittsburgh, PA, and New York, NY. Based on the nature of Trophy Point’s work, members of their team are continuously co-located with clients in the field as well.



Blasdell, NY | Pittsburgh, PA | New York, NY | 716-823-0006 | www.trophypoint.com

b. STAFF QUALIFICATIONS
Organizational Chart & Resumes

**STATE OF WEST VIRGINIA
DEPARTMENT OF ADMINISTRATION
&
WV ARMY NATIONAL GUARD**



ORGANIZATION CHART KEY

L.R. Kimball / TranSystems - Architecture, Building Systems Engineering, Civil Engineering
Trophy Point - Cost Estimating



DAVID RISPOLI, PE, PMP

DIRECTOR OF ARCHITECTURE & BUILDING SYSTEMS ENGINEERING

L.R. Kimball
A Division of TranSystems

David has 35 years of experience and expertise in all phases of architecture, engineering, and construction management. Specific responsibilities have included operations; staff supervision; business development; coordination among the architectural, structural, civil, mechanical, and electrical disciplines; project management; budget control; direct client contact; and coordination between field and office during construction. David has managed and supervised several types of projects including government, commercial, correctional, judicial, public safety, healthcare, conference/office, manufacturing, transportation, and educational facilities. Dave has also been involved in several design-build and fast-track projects of substantial size and scope requiring extensive coordination of large project teams and multiple activities.

YEARS OF EXPERIENCE

- 35 Years

EDUCATION

- B.S., Construction Management and Structural Engineering, The Pennsylvania State University, 1985
- Associate, Architectural Engineering, The Pennsylvania State University, 1983

AFFILIATIONS

- American Institute of Architects, Associate Member
- American Society of Civil Engineers
- National Society of Professional Engineers
- Project Management Institute

REGISTRATIONS / CERTIFICATIONS

- **WV, Professional Engineer, 1997**
- PA, Professional Engineer, 1997
- DE, Professional Engineer, 1997
- MD, Professional Engineer, 1997
- NJ, Professional Engineer, 1997
- NY, Professional Engineer, 1997
- NC, Professional Engineer, 1999
- OH, Professional Engineer, 1997
- VA, Professional Engineer, 1997
- Project Management Professional
- NCEES Certified

David's relevant project experience includes:

- Department of the Air Force, 911th Airlift Wing IDIQ Contract, Coraopolis, PA
 - Repairs/Additions to Security Forces Building 221
 - Repair Airfield Lighting - East and West Apron
 - Repairs/Alterations/Additions to Building 418
- PA Department of General Services
 - Armed Forces Reserve Center and Field Maintenance Shop, Williamsport, PA
 - New State Police Headquarters Facility with Shooting Range, Erie County, PA
- Federal Aviation Administration, Open-End Contract for Architecture and Engineering Services at the William J. Hughes Technical Center, Atlantic City International Airport, Atlantic City, NJ (Consultant to Colliers Engineering and Design)
- Willow Grove Joint Interagency Installation Implementation Plan, Willow Grove ARS, PA
- Lockheed Martin, Owego, NY
 - Schematic Design Review for US101A Helicopter Integration Facility
 - VH-71 Program Facility
 - Phase IIA Conceptual Development of CSAR-X Facility
- Central West Virginia Regional Airport Authority / Yeager Airport, Charleston, WV
 - New U.S. Customs Building
 - FBO Garage and Line Shack
- North Central WV Regional Airport, Benedum Airport Authority, New Terminal Facility, Bridgeport, WV
- Cabell County Emergency Services Center, Huntington, WV
- Marshall University
 - New Bill Noe Flight School with Hangar at Yeager Airport, Charleston, WV
 - Feasibility Study for a New Aviation Maintenance Program at Tri-State Airport and Flight Operations Program at Yeager Airport
- Sheetz Inc.
 - Corporate Operations and Training Center, Claysburg, PA
 - New Warehouse Facility, Pittsburgh, PA
 - Renovations to Existing Corporate Offices (Four Buildings), Altoona, PA and Claysburg, PA
 - Architectural/Engineering Services for Prototype Stores, New Stores, and Renovations to Existing Stores in PA, MD, NC, OH, VA, and WV
- Delaware State Police, Troop 6 Complex, Architectural Program and Conceptual Design, Wilmington, DE
- New Jersey State Police Emergency Operations Center, West Trenton, NJ
- Sussex County Emergency Operations Center, Georgetown, DE
- Wyoming County 9-1-1 Center, Tunkhannock, PA
- York County Emergency Services Center, York, PA
- 328, 329, and 330 Innovation Boulevard, Multi-Tenant Office Buildings, State College, PA



DIANE GLARROW, AIA

PROJECT MANAGER AND ARCHITECT

L.R. Kimball
A Division of TranSystems

Diane brings over 40 years of experience to every project she is involved with. And, as knowledge + experience = wisdom, Diane's "big-picture" vision keeps complex projects on track, on time and on-budget. Diane, in her role as project manager with extensive expertise in the design of new and renovated facilities of all types including government buildings and offices, manages all technical aspects of a project.

YEARS OF EXPERIENCE

- 41 Years

EDUCATION

- B.S. Architecture, The Pennsylvania State University, 1980

AFFILIATION

- American Institute of Architects

REGISTRATIONS / CERTIFICATIONS

- **WV, Registered Architect, 2012**
- DE, Registered Architect, 2019
- MD, Registered Architect, 2012
- NC, Registered Architect, 2012,
- NY, Registered Architect, 2012
- PA, Registered Architect, 1988,
- TX, Registered Architect, 2012
- VA, Registered Architect, 2012

- Department of the Air Force, 911th Airlift Wing IDIQ Contract, Coraopolis, PA
 - Repair (Replace) HVAC System - Multiple Buildings
 - Repair/Replace HVAC Controls - Multiple Buildings
 - Construct Addition to Dining Facility 213
 - Construct Addition to AGE Shop Building 420
 - Maintain/Repair Base Supply Building 312
 - Construct Covered, Non-Heated MXS Storage Facility
 - Construct Parking Lot - Aircraft Maintenance
 - Repair Grill Exhaust Hood - Picnic Pavilion B5842
 - Conduct Wood Truss Study - Buildings 120 and 312
 - Alter/Repair/Maintain Survival Equipment B 408
 - Repair/Maintain NDI Shop B 409
 - Replace Roofs/Skylights - Building 125
- Central West Virginia Regional Airport Authority / Yeager Airport, Charleston, WV
 - New U.S. Customs Building
 - FBO Garage and Line Shack
- Sheetz Inc.
 - Corporate Operations and Training Center, Claysburg, PA
 - New Warehouse Facility, Pittsburgh, PA
 - Renovations to Existing Corporate Offices (Four Buildings), Altoona, PA and Claysburg, PA
 - Architectural/Engineering Services for Prototype Stores, New Stores, and Renovations to Existing Stores in PA, MD, NC, OH, VA, and WV
- Windber Research Institute, Laboratory and Multi-Tenant Office Building, Windber, PA
- The Greater Johnstown Technology Park, Multi-Tenant Office Building, Johnstown, PA
- Marshall University
 - New Bill Noe Flight School with Hangar at Yeager Airport, Charleston, WV
 - Feasibility Study for a New Aviation Maintenance Program at Tri-State Airport and Flight Operations Program at Yeager Airport
- North Central WV Regional Airport, Benedum Airport Authority, New Terminal Facility, Bridgeport, WV
- State College Municipal Building, State College, PA
- Youngwood Borough, PA, Youngwood, PA
 - Feasibility Study for New Borough Office Building
 - New Borough Office Building



MELISSA DEFIBAUGH

CLIENT LIAISON & CIVIL ENGINEER

L.R. Kimball
A Division of TranSystems

Melissa serves as an Engineer and Project Manager for L.R. Kimball's Aviation Services Group focusing on West Virginia and surrounding airports. With 11 years of experience as a Civil Engineer and Project Manager, she has experience in various civil engineering areas.

Melissa has airport project engineering experience which includes airfield pavement evaluations, pavement construction and rehabilitation, T-hangars, perimeter fencing, obstruction evaluations, GIS surveys as well as various other airport expansion projects in accordance with FAA design circulars; Environmental project assessments including FAA CATEX and Short Form; Drainage evaluations and drainage design with NPDES permitting and FAA environmental documents; AutoCAD Civil 3D design including surfaces, alignments, profiles, corridors, assemblies and sections. Construction plan set and specification production with construction safety and phasing plans as well as project cost estimates. Construction management including addenda, Pre-Bid and Pre-Construction conferences, bid openings, submittals and change orders. Project management including grant applications, payment applications, certified payrolls, project draws, project budgets and project close-outs. She has prepared engineering design reports, construction management plans, DBE program documents and goals including assistance with compliance monitoring.

YEARS OF EXPERIENCE

- 11 Years

EDUCATION

- BS, Civil Engineering, West Virginia University, 1996

REGISTRATIONS

- WV, Professional Engineer, 2014
- KY, Professional Engineer, 2014
- TN, Professional Engineer, 2016
- PA, Professional Engineer, 2019
- MD, Professional Engineer, 2019
- OH, Professional Engineer, 2019

Engineering & Design Experience:

- Melissa's airport engineering experience includes airfield pavement evaluations, pavement construction and rehabilitation, T-hangars, perimeter fencing, obstruction evaluations, GIS surveys as well as various other airport expansion projects in accordance with FAA design circulars.
- Her environmental project assessments include FAA CATEX and Short Form.
- She also has experience with drainage evaluations and drainage design with NPDES permitting and FAA environmental documents; and AutoCAD Civil 3D design including surfaces, alignments, profiles, corridors, assemblies, and sections.

Project & Construction Management Experience:

- Project development tasks include construction plan sets, specifications, construction safety and phasing plans, design reports and project cost estimates.
- Project management tasks include grant applications, payment applications, certified payrolls, project draws, project budgets and project close-outs.
- Construction management tasks include Pre-Bid and Pre-Construction conferences, bid openings, submittals and change orders; DBE program and goal preparation including assistance with compliance monitoring; and construction observation.

Recent aviation projects in which Melissa has participated in include:

- Appalachian Regional Airport, Williamson, WV – Rehabilitate Runway 8-26
- Braxton County Airport, Sutton, WV – Construct 8-Unit T-Hangar
- Grant County Airport, Petersburg, WV – Construct 6-Unit T-Hangar
- Elkins-Randolph County Regional Airport, Elkins, WV – Environmental Assessment
- Logan County Airport, Logan, WV – Rehabilitate Runway 6-24 (Seal and Mark)
- Logan County Airport, Logan, WV – Install Perimeter Fence
- Mercer County Airport, Bluefield, WV – Rehabilitate Runway 5-23
- Mercer County Airport, Bluefield, WV – Install Perimeter Fence
- Mercer County Airport, Bluefield, WV – Expand Main Apron
- Philippi/Barbour County Regional Airport, Philippi, WV – Rehabilitate Main Apron and Runway 8-26
- Upshur County Regional Airport, Buckhannon, WV – Rehabilitate Runway 11-29 (Seal and Mark)
- Yeager Airport, Charleston, WV – Repair Maintenance Slip, Program Management and Rehabilitate and Redesign Taxiway B, Phase 2 (Construction)



KIT WONG, RA, LEED AP ARCHITECT



Kit M. Wong, RA, PhD, joined TranSystems in 1989 with five years of professional experience as a researcher for the University of California, Berkeley. Trained in both architecture and structural engineering, he has published numerous books and reports on earthquake hazards and seismic rehabilitation of buildings. His multi-disciplinary background allows him to bring a wide range of technical knowledge to TranSystems' design projects and add to the development of cost-effective design solutions.

At TranSystems, he has been responsible for our federal design practice in the western U.S. and had led designs for all types of facilities in DoD installations nationwide. He oversees the design/build project delivery process in the Oakland office, and has been responsible for the architectural design of vehicle maintenance facilities, various intermodal and maritime support structures, and commercial, administrative, industrial, and warehouse distribution facilities.

Kit's relevant experience includes:

YEARS OF EXPERIENCE

- 37 Years

EDUCATION

- Ph.D., Architecture, University of California, Berkeley, 1989
- M.S., Structural Engineering, University of California, Berkeley, 1987
- M. Architecture, University of California, Berkeley, 1985
- B. Architecture, University of California, Berkeley, 1982

REGISTRATIONS

- CA, Registered Architect, 1992
- CO, Registered Architect, 2002
- DE, Registered Architect, 2016
- IA, Registered Architect, 2008
- ID, Registered Architect, 2002
- KS, Registered Architect, 2008
- MA, Registered Architect, 2013
- MD, Registered Architect, 2013
- ME, Registered Architect, 2013
- MT, Registered Architect, 2013
- NC, Registered Architect, 2013
- ND, Registered Architect, 2008
- NJ, Registered Architect, 2014
- OR, Registered Architect, 2002
- RI, Registered Architect, 2013
- WA, Registered Architect, 2002

AFFILIATION

- Society of American Military Engineers

REGISTRATIONS

- LEED Accredited Professional

- NAVFAC Hawaii, JBPHH Waterfront Operations Facility, Joint Base Pearl Harbor, Hawaii
- West County Waste Water District Administration Building, Richmond, California
- 4I Area Operational and Community Facilities Program, Marine Corps Base, Camp Pendleton, CA
- US Coast Guard's Tactical Training Venues at FLETC, Glynco, GA
- P-240 Triton Mission Control Facility, NAS Whidbey Island, Oak Harbor, CA
- NAVFAC Southwest, Coronado NAB Indoor Small Arms Firing Range, San Diego, CA
- MCB Camp Pendleton, Design-Build Recon Battalion Ops Complex, Camp Pendleton, CA
- 1st MLG Battalion Operations Center, Marine Corps Base, Camp Pendleton, CA
- NAVFAC Southwest, Camp Pendleton Service Station, Camp Pendleton, CA
- NAVFAC Southwest, Coronado NAB Indoor Small Arms Firing Range, San Diego, CA
- Corps of Engineers Sharpe Warehouse Repairs, Sharpe Defense Distribution Depot, Lathrop, CA
- Corps of Engineers, Corpus Christi Building 258 & 1857, Naval Air Station Corpus Christi, TX
- NAVFAC Southwest-Desert IPT, Fallon AFB Fairview Peak Communications Site, Fallon, NV
- U.S. Army Corps of Engineers, NAS Building Evaluation, Defense Distribution Depot, North Island, San Diego, CA
- U.S. Army Corps of Engineers, NAS San Diego Roof Evaluation, San Diego, CA
- Travis Air Force Base, Architectural Compatibility Plan and Facilities Excellence Guide, Fairfield, CA
- Travis Air Force Base Building 175 Design-Build, Fairfield, CA
- Travis Air Force Base Bldg. 170 Canopy Evaluation, Fairfield, CA
- Travis Air Force Base C-17 Munitions Facility, Fairfield, CA
- Travis Air Force Base Aerospace Ground Equipment Facility, Fairfield, CA
- Travis Air Force Base Building 31, Fairfield, CA
- Travis Air Force Base Building 668 Fire Alarm Replacement, Fairfield, CA
- Corps of Engineers, San Joaquin Depot & Sharpe Depot Warehouse Structural Evaluations, Tracy, CA
- NAVFAC Mid-Atlantic, P-194 Unmanned Aircraft System Facilities Expansion, MCAS Cherry Point, NC
- US Customs and Border Protection, Laredo AMO Air Unit Site Master Plan, Laredo, TX
- Travis AFB, A/E Design IDIQ, Fairfield, CA
 - Projects included design-build renovation of the 42,000 SF Aircraft Maintenance Hangar, seismic rehabilitation of the 6,680 SF Fire Station (Building 175), structural evaluation of four existing 1,000 SF canopies at the gas station (Building 170), design for a 5,000 SF addition to existing Reserve Civil Engineer General Training Facility (Building 881), and a space utilization study for a 5 story, 193,000 SF office building (Building 381).

KIT WONG, RA, LEED AP (continued)

- Travis AFB, A/E Design IDIQ 2007, Fairfield, CA
 - Projects included renovation of the Command Post (Building 31), design of the replacement fire alarm system with a new operational fire alarm system at Building 971, design for replacement of hangar door control and drive systems at Aircraft Maintenance Repair Hangar 808, design of a new four pipe HVAC system with a new chilled water distribution system utilizing existing chillers to replace the existing two-pipe system at the Chapel and Annex Buildings (Bldg 7766), preparation of approximately 48,500 sheets of existing large format plans from the Travis AFB Drafting/Geo Base Shop for scanning and indexing, development of a Requirements Document for a new \$6M cargo loading training facility, as well as updating the Architectural Compatibility Plan and incorporating it into the new Facilities Excellence Guide.
- Travis AFB, Design/Build C-17 2-Bay Hangar, Fairfield, California
- Travis Air Force Base IDIQ/Hangar 808 Assessment and Renovation, Fairfield, CA
 - Design of extensive renovations of Aircraft Maintenance Hangar 808 at Travis Air Force Base. The \$2.5 million project included an innovative total replacement of the fuel cell purge and exhaust system for the 42,000 sq. ft. fuel cell maintenance hangar, the complete renovation of administrative and support spaces, demolition of obsolete plumbing and electrical equipment, upgrading the lighting system, and installation of an emergency lighting system.
- U.S. Army Corps of Engineers, Army Aviation Support Facility, Hunter Army Airfield, GA
 - Aviation Support Facility Complex for the Georgia Air National Guard, which includes construction of a 66,413 sq. ft. Maintenance Hangar; a 15,849 sq. ft. Aircraft Storage Facility; and a 2,405 sq. ft. Hazardous Material Storage.
- Hill Air Force Base, Depot Maintenance Hangar, Hill Air Force Base, Utah
- USCG Borinquen Planning and Report Proposal, Aguadilla, Puerto Rico
- Warehouse, Transportation, and Utilities Master Plan, MCAS Iwakuni, Japan
- California State University, Fine Arts Renovation, Long Beach, California
- City of Vallejo, City Hall Annex Architectural Program, Vallejo, California
- Reid Middleton, Bayview Business Park Building H, San Rafael, California
- Cristina, Hall & Carter, 567 & 587 Cinnabar Street Seismic & Handicap Access Improvements, San Jose, California
- Pacific Gas & Electric, Employee Learning Center, San Ramon, California

PUBLICATIONS

- Seismic Strengthening of Unreinforced Masonry Buildings, A Design and Cost Guide for Architects and Engineers. Center for Environmental Design Research, July 1987
- Built to Resist Earthquakes: The Path to Quality Seismic Design and Construction. ATC/SEAOC Training Curriculum, 1999
- Rapid Visual Screening of Buildings for Potential Seismic Hazards: A Handbook. Federal Emergency Management Agency, National Earthquake Hazards Reduction Program, July 1988
- Rapid Visual Screening of Buildings for Potential Seismic Hazards: Supporting Documentation. Federal Emergency Management Agency, National Earthquake Hazards Reduction Program, Sept. 1988
- Techniques for Seismically Rehabilitating Existing Buildings (Preliminary). Federal Emergency Management Agency, National Earthquake Hazards Reduction Program, May 1989



RANDALL SCHMIDT, RA

ARCHITECT



Randy Schmidt is a practicing Architect, construction manager, and builder with 30 years of experience. He brings strong organizational and communication skills, knowledge of building regulations, structural engineering background, and expertise in professional practice to all his projects. At TranSystems, Randy is responsible for management of the design process from pre-planning to completion of construction. He provides guidance on design and package implications during pre-construction and upon constructability issues, offers recommendations on value management and project specifications, maintains the design brief within cost restraints and regulatory compliance, and manages multidisciplinary teams both internally and externally.

YEARS OF EXPERIENCE

- 31 Years

EDUCATION

- BS, Architecture, University of Michigan, 1984
- M.Arch., University of California, Berkeley, 1988
- M.S, Structural Engineering, University of California, Berkeley, 1988

REGISTRATIONS

- AR, Registered Architect, 2020
- CA, Registered Architect, 1994
- HI, Registered Architect, 2020
- MS, Registered Architect, 2020
- NY, Registered Architect, 2020
- OK, Registered Architect, 2020
- SC, Registered Architect, 2020

CERTIFICATION

- USACE/NAVFAC Construction Quality Management Certificate #784

Randy's relevant experience includes:

- NAVFAC Hawaii, JBPHH Waterfront Operations Facility, Joint Base Pearl Harbor, Hawaii
- NAVFAC Hawaii, JBPHH Bldg. 17 Repair, Honolulu, HI
- P-240 Triton Mission Control Facility, NAS Whidbey Island, Oak Harbor, CA
- FRC & OPC Homeport Buildouts at USCG Base LA/LB, San Pedro, CA
- Deepwater Engineering & Weapons Training Building – US Coast Guard TRACEN Yorktown, VA
- CIS Operations Complex, Marine Corps Base, Camp Pendleton, California
- Recapitalize US Coast Guard Station Manasquan and Station Atlantic City, New Jersey
- Homeporting Fast Response Cutters, US Coast Guard Base Honolulu, Hawaii.
- Boathouse Replacement, USCG Station Menemsha, Chilmark, Martha's Vineyard, Massachusetts
- 41 Area Recon, ANGLICO and BEQ Complex (Design/Build), Camp Pendleton, CA
- NAVFAC Mid-Atlantic, P-194 Unmanned Aircraft System Facilities Expansion, MCAS Cherry Point, NC
- Design/Build RFP, Renovate B5676 & Hangar B6426, Barksdale AFB, LA
- Design, Aircraft Component Maintenance Shop, CCAD, NAS Corpus Christi, TX
- Tinker AFB KC-46A Depot Maintenance Hangar, Oklahoma City, OK
- Moody AFB Personnel Recovery 4-Bay Hangar, Moody Air Force Base, GA
- Building 3782 Renovation, Corry Station (Design/Build), FL
- Repair and Upgrade BEQ B-214 (Design/Build), CA



TRUDY LINDSLEY, AIA, LEED AP ARCHITECT

L.R. Kimball
A Division of TranSystems

With 18 years of experience in the architecture/engineering industry, Trudy's demonstrated areas of expertise include architectural design, production, construction documentation, project management and construction administration. She utilizes BIM/Revit and AutoCAD software in the drafting and production of architectural drawings from the schematic design phase through the construction documents phase. Trudy has extensive experience in the creation of renderings of interior and exterior spaces of the project using Revit and Enscape. She is also skilled in the use of Sketch-Up. These project types have encompassed both renovations to existing facilities as well as new construction.

YEARS OF EXPERIENCE

- 18 Years

EDUCATION

- Bachelor of Architecture, The Pennsylvania State University, 2003

REGISTRATIONS/ CERTIFICATIONS

- PA, Registered Architect, 2008
- NJ, Registered Architect, 2019
- LEED Accredited Professional
- NCARB Certified

AFFILIATION

- American Institute of Architects

Trudy's relevant experience includes:

- Federal Aviation Administration, Open-End Contract for Architecture and Engineering Services at the William J. Hughes Technical Center, Atlantic City International Airport, Atlantic City, NJ (Consultant to Colliers Engineering and Design)
- Sheetz Inc.
 - Renovations to Existing Corporate Offices, Altoona, PA and Claysburg, PA
 - Architectural/Engineering Services for 100+ Stores: Prototype Stores, New Stores, and Renovations to Existing Stores in PA, MD, NC, OH, VA, and WV
- Confidential Client, Office Fit-Out, State College, PA
- Cresson Township, New District Magistrate's Building, Cresson, PA
- PA Department of General Services, New PA State Police Headquarters and Shooting Range, Erie, PA
- St. Mary's County, MD, Detention and Rehabilitation Center Renovation & Expansion (Design/Build project with Scheibel Construction), Leonardtown, MD
- Marshall University, Master Plan Options for a New Aviation Program and Housing, Charleston and Huntington, WV
- The Pennsylvania State University
 - Multi-Sport Netting Replacement
 - Multi-Sport Locker Room Feasibility Study & Renovations
 - Academic Projects Curtainwall
 - EE West Science Lab Renovation
- Fayette County Prison, Uniontown, PA
- Bedford County Airport Authority, New Hangar, Bedford, PA
- Marshall University, New Bill Noe Flight School with Hangar at Yeager Airport, Charleston, WV
- Central WV Regional Airport Authority, New US Customs Building at Yeager Airport, Charleston, WV
- Confidential Client, New Corporate Hangar and Terminal, NY
- Allegheny County Airport Authority, Airfield Pavement Rehabilitation, Pittsburgh, PA
- Allegheny County Department of Public Works, District 5 Warehouse, South Park, Pittsburgh, PA
- US Gypsum, Structural Design for Foundations and Structural Modifications to a Storage Dome, PA
- Pennsylvania Turnpike Commission, New Warehouse, Kittanning, PA
- Williamsport Airport, Exterior Tower Renovation, Williamsport, PA

Key Staff

Richard Chudzik

**President & Owner –
Estimator & Project Manager**

Background

Rich brings 20 years of leadership experience across organizations and teams of varying functions, sizes, and industries to Trophy Point. Rich has served as the Estimator-of-Record and Project Manager on several new-build and renovation projects.

Rich has worked as a Quantity Estimator, Project Manager, and Estimator-In-Charge. These projects have ranged from \$75,000 to \$250M in construction value. Prior to starting Trophy Point, Rich worked as an Estimator and Business Development Director for one of the Nation’s most reputable Cost Consulting firms, Baer & Associates.

Prior to joining the Construction Industry, Rich worked in the Aerospace & Defense Industry where he served in several different capacities and at varying levels at Moog and General Dynamics Land Systems in General Management, Supply Chain, Business Development, and Operations. As a Veteran Infantry Officer who served in Iraq and Afghanistan, Rich has a passion for supporting our Veterans and their Spouses – something that served as an impetus behind the founding of Trophy Point. He is the recipient of a Bronze Star, Purple Heart and a graduate of several military schools, including Ranger, Airborne, Air Assault, Marine Corps Mountain Warfare, and SERE Level B schools.

Education

- *United States Military Academy, West Point, NY*
B.S. – Political Science & Computer Science
- *Duke University, Durham, NC*
M.B.A.
- *Cornell University, Ithaca, NY*
M.Eng. – Systems Engineering

Project Experience

- Niagara Falls AFB –
 - Renovate APS Facility, Building 810
 - Building 821 Addition & Alterations for Emergency Control Center
 - Repair Aircraft Fire Training Facility
 - 914th Airlift Wing – Renovate Hangar B850
- USACE Picatinny Arsenal
 - New Building 18 Annex
 - Combat Capabilities Development Command Armaments Center
 - Building 640 – Improve CONEX BOX HVAC



Key Staff

Joseph Dommer

Executive Vice President – Senior Estimator

Background

Joe brings 30 years of industry experience to the firm. With a degree in Construction Management Technology, Mr. Dommer's experience includes many public, university, K-12, healthcare, and complex industrial projects where he has served as the Chief Cost Estimator and/or Project Manager.

Joe has supported hundreds of projects that have ranged from \$100,000 to \$500M in construction value. He is also a graduate of the University at Buffalo Center for Entrepreneurial Leadership. Joe's experience is rooted in his time at Baer & Associates where he started in June 1991 as a Summer intern and became a full-time employee in May 1992. Joe's career path took him through several different roles at Baer & Associates, including Quantity Estimator, Project Manager, Vice President, and President in 2004.

In 2017, he co-founded Trophy Point with Rich Chudzik and has been applying his lessons learned from the industry over the past 30 years towards growing the company. Mr. Dommer is a member of the Hilbert Board of Trustees, and an affiliate member of the Buffalo-Western New York Chapter of the American Institute of Architects.

Education

- *Erie Community College, Buffalo, NY*
Associates – Construction Management
- *University at Buffalo, Buffalo, NY*
Core program graduate – Center for Entrepreneurial Leadership

Project Experience

- Davis-Monthan AFB – Repair DFAC & Repair / Convert Facility to Flight Kitchen
- OGS Jamaica Armory Renovation
- PA DGS Department of Military and Veterans Affairs – Combined Support Maintenance Shop
- USACE Picatinny Arsenal
 - Buildings 217 & 218 Equipping for an Addition to the Field Offices
 - AC Building 323 Duplex ARMAG Installation
- USACE Watervliet Arsenal – Gun Tube Heat Treat Furnace Replacement





BRAD BLICKENDERFER, PE

MEP DISCIPLINE MANAGER

L.R. Kimball
A Division of TranSystems

Brad has 23 years of experience in the design of electrical, lighting, telecommunications, and security systems for various types of projects including a variety of local, county, state, and federal government facilities.

As MEP Discipline Manager, Brad is responsible for managing the overall MEP design and documentation to ensure that the design conforms with your project needs and that standards are met within the framework of established quality control/quality assurance guidelines.

YEARS OF EXPERIENCE

- 23 Years

EDUCATION

- Bachelor of Science, Electrical Engineering, University of Pittsburgh at Johnstown, 1999

REGISTRATIONS/ CERTIFICATIONS

- **WV, Professional Engineer, 2012**
- Professional Engineer in Seven Additional States

AFFILIATIONS

- Institute of Electrical and Electronics Engineers

Brad's electrical engineering experience includes site inspections and field surveys, cost estimating, coordination of various building systems with electrical and lighting requirements, preparation of reports and specifications, ensuring compliance with all applicable codes and equipment specifications, shop drawing/submittal processing, review of value engineering and change order requests, and punchlists.

Brad's relevant project experience includes:

- Department of the Air Force, 911th Airlift Wing, IDIQ Contract, Coraopolis, PA
 - Repair Airfield Lighting (East and West Apron)
 - Repair/Add to Security Forces Building 221
- Sheetz, Inc.
 - Renovations to Existing Corporate Offices (Four Buildings), Altoona, PA and Claysburg, PA
 - Restroom Renovation for ADA Compliance, Hermitage, PA
 - New Corporate Operations and Training Center, Claysburg, PA
 - New Warehouse Facility, Pittsburgh, PA
 - Architectural/Engineering Services for Prototype Stores, New Stores, and Renovations to Existing Stores in PA, MD, NC, OH, VA, and WV
- Federal Aviation Administration, Open-End Contract for Architecture and Engineering Services at the William J. Hughes Technical Center, Atlantic City International Airport, Atlantic City, NJ (Consultant to Colliers Engineering and Design)
- Chatham County, Detention Center Expansion/Renovation, Savannah, GA
- St. Mary's County, Detention & Rehabilitation Center Expansion & Renovation, Leonardtown, MD
- PA Department of General Services, New PA State Police Headquarters and Shooting Range, Erie, PA
- Marshall University, New Bill Noe Flight School at Yeager Airport, Charleston, WV
- Central WV Regional Airport Authority, New US Customs Building at Yeager Airport, Charleston, WV
- Allegheny County Airport Authority, ARFF Building "E" Rehabilitation, Coraopolis, PA
- PA Department of Corrections, New Office Building, Mechanicsburg, PA*
 - Complete Electrical Design of New Department of Corrections Office Headquarters Building
- PA Department of General Services, PAARNG Readiness Center, Hermitage, PA*
 - Complete Electrical Design of New Army National Guard Readiness Center
- PA Department of General Services, Stryker Brigade Building, Punxsutawney, PA*
 - Complete Renovation to Existing Stryker Building
- PA Department of General Services, Stryker Brigade Building, Bradford, PA*
 - Complete Renovation to Existing Stryker Building
- US Air Force, Youngstown Air Force Base – New Soldier Housing, Youngstown, OH*
 - Complete Electrical Design of New Housing Unit Complex

*Indicates project experience prior to joining L.R. Kimball



RYAN MEITZLER, PE, LEED AP

SENIOR MECHANICAL ENGINEER

L.R. Kimball
A Division of TranSystems

YEARS OF EXPERIENCE

- 16 Years

EDUCATION

- B.S., Mechanical Engineering, The Pennsylvania State University, 2004

REGISTRATIONS/ CERTIFICATIONS

- **WV, Professional Engineer, 2017**
- Professional Engineer in 9 Additional States
- LEED Accredited Professional Interior Design + Construction (LEED AP ID+C), 2013

AFFILIATIONS

- American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)

Ryan has over 16 years of experience in the design of complex mechanical and plumbing systems for various types of projects including airport support buildings, offices, and industrial facilities, involving both new construction and renovations. Ryan's responsibilities and experience have included serving as the primary point of contact for clients; survey and documentation of existing building systems and conditions; development of construction documents and coordination with architectural and structural elements; and ensuring compliance with ICC codes, ASHRAE standards, and other applicable requirements. Ryan's experience also includes the management and documentation of LEED credits as well as the maintenance and improvement of CAD, Revit, and mechanical department standards. He is proficient in AutoCAD MEP, Revit, MasterSpec, HAP, Trane Trace 700, and the Microsoft Office Suite. Ryan's relevant project experience includes:

- Federal Aviation Administration, Open-End Contract for Architecture and Engineering Services at the William J. Hughes Technical Center, Atlantic City International Airport, Atlantic City, NJ (Consultant to Colliers Engineering and Design)
- Rowan College at Burlington County, Renovations to 9 Buildings Across 2 Educational Campuses, Mt. Laurel & Mt. Holly, NJ
- New US Customs Building at Yeager Airport, Charleston, WV
- **Toms River Regional Schools, Renovations and Additions to 26+ Buildings and Energy Savings Improvement Projects, (consultant to Colliers Engineering and Design), Toms River, NJ**
- Marshall University, New Bill Noe Flight School at Yeager Airport, Charleston, WV
- PA Turnpike Commission, Open-End Contract for A&E Services, Various, PA
- **State College Water Authority, New Treatment Facility, State College, PA, Gwin Dobson & Foreman**
- **Amazon Web Services, Approximately 125,000 SF across 5-1/2 floors***
 - Spaces consisted of open and closed offices, pantries, conference rooms, conferencing center & SCIF space. Multiple glycol-cooled supplemental AC units for various IT spaces.
- ADEA - Approximately 20,000 SF on one floor*
 - Spaces consisted of open and closed offices, pantries, a large divisible conferencing center and LAN room. Mechanical design included provision of all new fan-powered VAV boxes and medium pressure ductwork to coordinate with the low temperature, chilled water air handling units. Acted as mechanical engineer and project manager.
- MakeOffices DC*
 - Approximately 35,000 SF across two floors. Design consisted of a large quantity of multi-person closed office spaces, conference rooms, a pantry, and LAN rooms.
- Clarendon – Approximately 40,000 SF on one floor.*
 - Design consisted of a large quantity of multi-person closed office spaces, conference rooms, a pantry, and LAN rooms. Mechanical design consisted of a combination of series fan-powered VAVs for one third of the floor and fan-powered DOAS terminal units for the other two thirds of the floor. Identified a deficiency in the base mechanical design resulting in replacement of roughly half of the DOAS chilled water piping.
- Miles & Stockbridge – Baltimore – Approximately 107,000 SF across 7 floors in a 32-story building.
 - Typical law firm with perimeter closed offices and interior open office spaces, conference space and pantries. Coordinated mechanical design with tenant added interconnecting stair between 6 floors. Majority of the mechanical design was to reuse venturi valves connected to a medium pressure duct system. Acted as primary mechanical engineer.

*Indicates project experience prior to joining L.R. Kimball



JOHN BLICKENDERFER, PE

SENIOR ELECTRICAL ENGINEER

L.R. Kimball
A Division of TranSystems

John has 15 years of experience as an Electrical Engineer on a wide variety of project types, including facilities conditions assessments and government projects. John is responsible for the design of various electrical systems including power distribution, fire alarm, CATV, telecommunications, lighting, A/V, and security systems; site surveys and evaluations of existing electrical systems; preparation of cost estimates and electrical specifications; coordination of design documents with utility companies and the architectural and other engineering disciplines; ensuring compliance with the NEC, IBC, NFPA, and all other applicable building codes; and construction administration activities.

YEARS OF EXPERIENCE

- 15 Years

EDUCATION

- Bachelor of Science, Electrical Engineering Technology (Minor in Mathematics), University of Pittsburgh at Johnstown, 2009

REGISTRATION

- PA, Professional Engineer, 2015

John's relevant experience includes:

- Federal Aviation Administration, Open-End Contract for Architecture and Engineering Services at the William J. Hughes Technical Center, Atlantic City International Airport, Atlantic City, NJ (Consultant to Colliers Engineering and Design)
- Sheetz, Inc.
 - New Corporate Operations and Training Center, Claysburg, PA
 - New Warehouse Facility, Pittsburgh, PA
 - Renovations to Existing Corporate Offices (Four Buildings), Altoona, PA and Claysburg, PA
 - Architectural/Engineering Services for Prototype Stores, New Stores, and Renovations to Existing Stores in PA, MD, NC, OH, VA, and WV
- Chatham County, Detention Center Expansion/Renovation, Savannah, GA
- Franklin County Prison, Security System Upgrade, Chambersburg, PA
- PA Department of General Services, New PA State Police Headquarters and Shooting Range, Erie, PA
- St. Mary's County, Detention & Rehabilitation Center Expansion & Renovation, Leonardtown, MD
- Marshall University, New Bill Noe Flight School with Hangar at Yeager Airport, Charleston, WV
- Confidential Client, Feasibility Conditions Assessment & Master Plan Study, PA
- Allegheny County Department of Public Works, A&E Services under an Open-End Contract, Allegheny County, PA
- PA Department of Environmental Protection, New Stanton Office Building, New Stanton, PA*
-

*Indicates project experience prior to joining L.R. Kimball



MICHAEL STILES, CPD

SR. PLUMBING & FIRE PROTECTION DESIGNER

L.R. Kimball
A Division of TranSystems

Michael serves as a Senior Plumbing & Fire Protection Designer. He has over 21 years of experience in the design and preparation of working drawings for all types of plumbing/fire protection systems.

Michael has extensive experience using AutoCAD and REVIT for plumbing and fire protection system layouts. His experience also includes natural gas systems, stormwater piping and medical gas/vacuum piping.

His project experience includes commercial, educational, correctional, office, public safety, industrial, manufacturing, transportation, judicial, municipal, and healthcare. Michael has also gained valuable experience in HVAC and electrical design, which has given him good coordination skills, not only with architects, but also with other engineering disciplines within L.R. Kimball.

Michael's relevant experience includes:

YEARS OF EXPERIENCE

- 21 Years

EDUCATION

- A.A., Specialized Technology
(Drafting and Design, York Technical Institute, 2000)

CERTIFICATION

- Certified Plumbing Designer (CPD)

- Marshall University, New Flight School at Yeager Airport, Charleston, WV
- New U.S. Customs Building at Yeager Airport, Charleston, WV
- Federal Aviation Administration, Open-End Contract for Architecture and Engineering Services at the William J. Hughes Technical Center, Atlantic City International Airport, Atlantic City, NJ (Consultant to Colliers Engineering and Design)
- Sheetz, Inc., Altoona, PA
 - Distribution Center Renovations
 - Finance Building Renovations
 - Main Building Renovations
 - On-Call Services
 - Store 354 Renovations
- Confidential Client, Office Fit-Out, State College, PA
- Allegheny County Department of Public Works, New Warehouse, Pittsburgh, PA
- Confidential Client, New Corporate Hangar and Terminal, NY
- Pennsylvania Turnpike Commission, Feasibility Study and Design Services for a New Warehouse, Jefferson Hills, Canonsburg, PA
- State College Water Authority, Nixon-Kocher New Treatment Plant (Consultant to Gwin Dobson & Foreman), State College, PA
- Washington Crossing National Cemetery, Design/Build Columbarium and In-Ground Cremains project at the Washington Crossing National Cemetery for the Department of Veterans Affairs, National Cemetery Administration, Newton, PA (Consultant to LA Group)
- Colliers Engineering and Design
 - Toms River Regional Schools, Facilities Conditions Assessment and Subsequent Renovations/Additions/Repairs, Toms River, NJ
- Marshall University, New Flight School at Yeager Airport, Charleston, WV
- Confidential Higher Education Client, Facility Assessment, Pennsylvania
- Pennsylvania State University, Multi-Sport Locker Room Feasibility Study, State College, PA
- Bedford County Airport, New Hangar, Bedford, PA



CHRISTOPHER BOWERS, PE, SE*

SR. STRUCTURAL ENGINEER

L.R. Kimball
A Division of TranSystems

Chris has over 20 years of experience as a Structural Engineer on a variety of projects including hangars and industrial / commercial facilities. He utilizes structural analysis and design software as well as AutoCAD and Revit in the drafting and production of drawings for structural systems for various types of facilities including government and office facilities.

Chris is a member of American Institute of Steel Construction; American Society of Civil Engineers; American Concrete Institute; Structural Engineers Association of Pennsylvania - Structural Engineering Emergency Response Committee Member; and PEMA Task Force 2, Company 5, Urban Search and Rescue, Structural Engineer.

YEARS OF EXPERIENCE

- 20 Years

EDUCATION

- BS, Civil Engineering, The Pennsylvania State University, 2000

MILITARY EXPERIENCE

- Army, 1995-1996; E-2 (Private) in the 4th Finance Battalion stationed at Fort Carson, CO

REGISTRATIONS / CERTIFICATIONS

- **WV, Professional Engineer, 2006**
- Professional Engineer in 18 Additional States
- LEAN Certified, 2020
- *GA, Licensed Structural Engineer, 2021
- *NE, Licensed Structural Engineer, 2021,
- *Illinois, Licensed Structural Engineer, 2010
- California, Safety Assessment Program Evaluator, 2014
- FEMA/USACE US&R Structures Specialist, StSI, October 2017
- FEMA/USACE US&R Advanced Structures Specialist, October 2020

PROFESSIONAL AFFILIATIONS

- American Institute of Steel Construction
- American Society of Civil Engineers
- Structural Engineers Association of Pennsylvania - Structural Engineering Emergency Response Committee Member
- PEMA Task Force 2, Company 5, Urban Search & Rescue, Structural Engineer

Chris' relevant experience includes:

- PA Department of General Services, New Armed Forces Reserve Center and Field Maintenance Shop, Williamsport, PA
- Chatham County Detention Center Expansion/Renovation, Savannah, GA
- St. Mary's County, Detention Center Expansion and Renovation, Leonardtown, MD
- 219 West High Street - Conversion of Existing Two-Story Hardware Store into Leased Space and Kimball Training Center, Ebensburg, PA
- 328 Innovation Boulevard Shell Office Building, State College, PA
- 329 Innovation Boulevard Shell Office Building, State College, PA
- Sheetz, Inc.,
 - New Corporate Headquarters, Claysburg, PA
 - Architectural/Engineering Services for Prototype Stores, New Stores, and Renovations to Existing Stores in PA, MD, NC, OH, VA, and WV
- Lockheed Martin, VH-71 Helicopter Integrations Facility, Owego, NY
- Department of Environmental Protection, Southeast Regional Office Building, Norristown, PA
- The Greater Johnstown Technology Park, Johnstown, PA
- The Greater Johnstown Technology Park, Tenant Fit-Out for General Services Administration, Johnstown, PA
- Windber Research Institute, Laboratory and Multi-Tenant Office Building, Windber, PA
- Concurrent Technologies Corporation, Structural Analysis of Mezzanine Floor Loading, Johnstown, PA
- Confidential Client, New Corporate Hangar and Terminal, New York
- Cove Shoe Company, Fire Investigation and Repair, Martinsburg, PA
- Fulmer Company, Mezzanine Floor Load Rating, Export, PA
- Graves Design Group, LLC, UPMC Luna Parking Garage, Pittsburgh, PA
- Central WV Regional Airport, Garage Assessment, Yeager Airport, Charleston, WV
- The Oak Group, Inc., Rescue Swimmer Training Facility (RSTF) at the US Coast Guard Support Center, Elizabeth City, NC
- Siemens Energy, Inc., Analysis of Generator Enclosure Structure, Charlotte, NC
- Tech Park Associates, Structural Analysis of IBM Office Building, Mechanicsburg, PA



GREGORY SCHROCK, PE, CPESC

CIVIL ENGINEER

L.R. Kimball
A Division of TranSystems

Greg has over 27 years serving as a Civil Engineer and Project Manager for L.R. Kimball. He specializes in various aspects of site development and municipal design. On the municipal side, he is involved with the design of waterlines, sanitary sewers, pumping stations, and water systems. As a project engineer/manager, he is responsible for the design, project management, project meetings and coordination, project specifications, client interaction, and permit acquisition for various land development projects. He is involved with the design of roadways, parking lots, site layout, stormwater management facilities and analysis, sanitary sewer systems, water distribution systems, and the preparation of contract documents.

YEARS OF EXPERIENCE

- 27 Years

EDUCATION

- BS, Civil Engineering Technology, University of Pittsburgh at Johnstown, 1994

REGISTRATIONS / CERTIFICATIONS

- **WV, Professional Engineer, 2006**
- Professional Engineer in 3 Additional States
- Qualified Preparer of Stormwater Pollution Prevention Plans, No. [REDACTED]
- Certified Professional in Erosion and Sediment Control, No. [REDACTED]

Greg's stormwater management design experience includes hydrologic and hydraulic analysis, detention basin design, stormwater collection and conveyance system design, preparation of construction drawings, preparation of stormwater management reports including pre- and post-development runoff computations, routing of storm flows through proposed detention basins, and basin design computations. He is also involved with the preparation of erosion and sedimentation control plans including designing the construction documents, preparing NPDES permit applications, letters, erosion and sedimentation control reports, preparing construction sequences, and design computations for each erosion and sedimentation control device utilized. With NPDES and stormwater plan submissions, Greg is involved with Best Management Practices and design, water quality devices, stormwater volume calculations, rain garden, and bioretention and infiltration systems that assist with the reduction of stormwater management peak flows and impact to the downstream waterways or systems.

Greg's relevant project experience includes:

- Central West Virginia Regional Airport Authority
 - New Airport Maintenance Facility at Yeager Airport, Charleston WV
 - Yeager Airport Relocate Rental Car Facilities, Charleston WV
 - Improve Airport Drainage (Slip and Erosion Repairs) at Yeager Airport, Charleston WV
- Allegheny County Department of Public Works, Open-End Contract for Architectural and Engineering Services
 - New District 5 Warehouse & Site Analysis and Traffic Study, Pittsburgh, PA
 - Design & Surveying Services District 5 Public Facility McConkey Rd
- 331 Innovation Boulevard, GLP IP LLP, State College, PA.
- UPMC Ebensburg Medical Office Building
- Carrie Furnace Industrial Park, Pittsburgh, PA
- Richland Town Centre, Wal-Mart Stores, Inc., Johnstown, PA
- Hancock County, WV, New Office of Emergency Management/911 Center and Health Department Building Complex (Schematic, Wetland Assessment, Surveying and Mapping)
- Chester County Airport, Construct Corporate Hangar Apron Ph I Design & Bidding G.O Carlson Airport, Chester County, PA
- New Garden Flying Field, West Hangar Development, Site Preparation and Hangar Construction, Landenburg, PA
- Johnstown Cambria County Airport, Nulton Aviation Upgrade and Enhancement of FBO Building, Johnstown, PA



c. SIMILAR PROJECTS

Our team's relevant experience includes a variety of projects including government buildings and offices. The following pages include our team's highlighted, relevant projects.



NAVFAC HAWAII

NAVFAC HAWAII, JBPHH BLDG. 17 REPAIR

Honolulu, Hawaii

Built in 1941, the exterior façade and other elements were determined to be of historic significance as related to the War in the Pacific. Building 17 is a part of Pearl Harbor historic heritage and is designated as a category II historic resource under the Navy Integrated Cultural Resources Management Plan (ICRMP). As such, it is subject to Section 106 of the National Historic Preservation Act. Building 17's eligibility for listing on the National Register of Historic Sites is under Criteria A for events and C for design/construction; with periods of significance including WWI-WWII as well as the Cold War. The project required compliance with historical SHPO guidelines, which was administered through the US Navy.

Seismic evaluation and structural upgrades were performed in accordance with ASCE-41. To reduce seismic loading, the bridge crane at the high bay was decommissioned. The existing lateral resistant system was analyzed and strengthened by adding brace frames and connection continuity. The foundation system was also evaluated against the lateral loads and the new loading from the mezzanine addition. New micropiles were installed to provide the additional load carrying capacity. As the new interior mezzanine structure deflects differently than the original superstructure, complex architectural detailing was required to allow for the differential seismic drift while keeping the energy and security envelope for the enclosed office area continuous.

Sustainable strategies and features were incorporated into the design to minimize the energy consumption of the facilities; conserve resources; minimize adverse effects to the environment; and improve occupant productivity, health, and comfort to reduce the total cost of ownership of the project using a whole building, life-cycle approach.

The project scope for the renovation included full architectural, structural, mechanical, electrical, fire protection, and interior design.

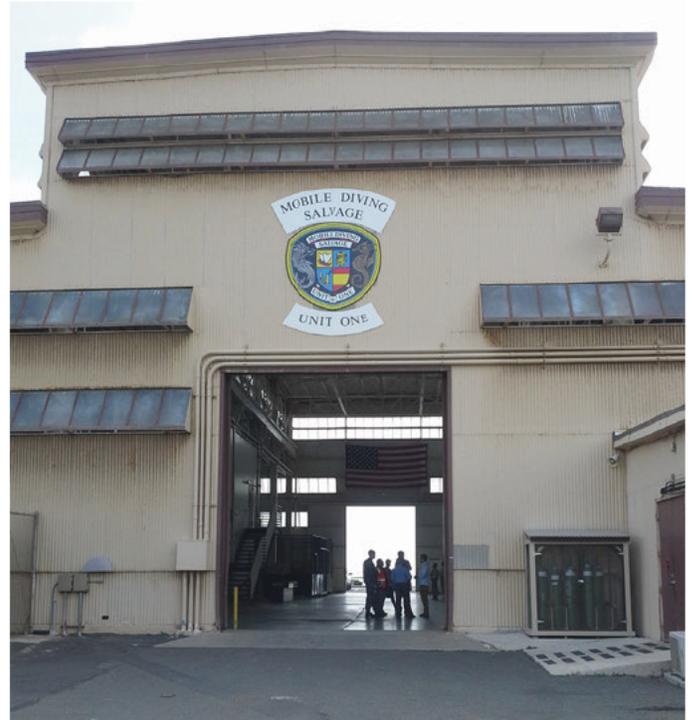
KEY FEATURES

- Military facility renovation
- Historic Building, replaced interior administrative, operations, and medical facilities
- Applied LEED / Sustainable Design features throughout as much as possible
- Exceptional performance rating

PROJECT COMPLETION 2018

TOTAL SQUARE FOOTAGE 22,826 SF

CONSTRUCTION COST \$8.6 Million



JBPHH WATERFRONT OPERATIONS FACILITY

Joint Base Pearl Harbor, Hawaii

TranSystems served as Design of Record for this \$19.6M design/build of approximately 30,900 SF of new construction and 17,100 SF of renovations to create a Waterfront Operations Facility located at Joint Base Pearl Harbor-Hickam, for the Navy Special Operations SEAL Delivery Vehicle Team I. The project supports the unit's warfighters, divers, and technicians and includes operations, training, planning, and mission support space, as well as individual and platoon equipment storage and load out areas. The scope also expands medical functions within the facility. The project provides these improvements via building additions to the existing Building 987, as well as renovation of and infill within the existing enclosed volume. The project also includes two entirely new buildings: a new Tactical Athletic Center (TAC) and a Drying Cages building.

The additions to Building 987 provide Unit Operations Storage, Lockers, and a Load-Out High Bay to support the SOF mission, from office to water and back. A covered outdoor SCUBA area is also included. The renovation in the existing building creates Unit Office suites for mission preparation, as well as medical spaces and various support spaces with extensive new and renovated mechanical systems. The RFP required 5 Unit Offices, but our team found a way to place 7 Unit Offices in the same overall project square footage, offering greatly enhanced value to the Owner.

The Tactical Athletic Center is a new concrete single story structure, approximately 4,300 SF, housing physical therapy and exercise spaces and equipment to support the Naval Special Warfare Group 3 (NSWG-3). In addition, the TAC houses an Educational Breakroom where NSWG-3 warriors can learn life skills to aid them outside their mission.

The Drying Cages building is a roofed structure built of galvanized steel, approximately 2,380 SF, with open chain link walls. Within it, SOF divers hang their diving gear for drying, in 7 individual lockable enclosures. Each enclosure holds 10 galvanized drying racks with 12 equipment hooks each.

The complex was designed to be compatible with the existing Building 987 and the architectural style prevalent at this area of JBPHH. The TAC building, though built of reinforced concrete due to site constraints and ATEP, is designed to emulate the appearance of Building 987 and the addition, which feature vertical metal panels over a masonry stem wall.

The entire project was designed to meet all relevant ATEP requirements.

This project was designed to meet USGBC LEED-NC Version 3.0, and our design's proposed energy conservation measures achieved over 24% reduction in energy over the ASHRAE 90.1, 2010 standard baseline building.

LEED 2009 Certification: July 2019, achieved Certified for New Construction and Major Renovations.



KEY FEATURES

- New construction and renovations for a waterfront operations facility for the Navy Special Operations SEAL Delivery Vehicle Team I.
- Facility contains operations, training, planning, mission support, and medical functions.
- A/E Services: Primary DOR, Full plans and specs, design analysis, sustainable design, site investigation, and PCAS.
- Sustainability: LEED certified

PROJECT COMPLETION 2018

TOTAL SQUARE FOOTAGE

- 30,900 SF (New Construction)
- 17,100 SF (Renovations)

CONSTRUCTION COST \$19.6 Million

Southeastern PA Regional Task Force & The City of Philadelphia

DELAWARE VALLEY INTELLIGENCE CENTER

Philadelphia, PA



The Delaware Valley Intelligence Center (DVIC) is an All-Crime/All-Hazard/All-Threats Information Fusion Center established by the Philadelphia Police Department and the Southeast Pennsylvania Regional Task Force to collect, analyze, and disseminate data and intelligence to its constituent members. The beneficiaries of the analysis include public safety, military, healthcare, transportation, industrial, maritime, governmental, institutional, utility, and public agency groups within the four states and twelve counties surrounding and including Philadelphia. The 47,500 square foot facility is located in an adaptively reused former Defense Logistics site in South Philadelphia. L.R. Kimball was responsible for the site, facility design and engineering, interiors and furniture selection, and the accommodation for all systems and electronics.

The facility is futureproof, flexible in arrangement, expandable, and will accommodate an additional 75 staff in reaction to a planned or unexpected event. The facility has the capability of uninterrupted operation facilitated by full-facility emergency power, connectivity to two power grids, and bunking quarters for extended event management.

The Secure Room Suite has been constructed to satisfy the requirements of a Sensitive Compartmented Information Facility (SCIF) should that need arise in the future and the operation of the DVIC necessitates the location of that asset where it now stands. In that case, a replacement Secure Room would be constructed, reflecting a level of function most attuned to the mission of the DVIC. The facility provides lockers, a café, interaction areas, conference and training rooms, interview rooms, offices, and secure file storage. The population of the DVIC is 130.

In concert with the development of the DVIC, L.R. Kimball programmed and designed to a conceptual level the new Philadelphia Emergency Operations Center (EOC). Initially envisioned to be constructed immediately below the DVIC, the City included the new EOC as part of a public safety campus being developed in West Philadelphia.

KEY FEATURES

- Adaptive reuse of a former Defense Logistics site
- Flexible design with uninterrupted operation facilitated by full-facility power, connectivity to two power grids, and bunking quarters for extended event management
- Facility includes offices, lockers, cafe, conference & training rooms, and secure file storage

PROJECT COMPLETION 2013

TOTAL SQUARE FOOTAGE 47,500 SF

CLIENT REFERENCE

Inspector Walter Smith, Director
Delaware Valley Intelligence Center
20th and Johnston Streets, Bldg. #6
Philadelphia, PA 19145
Phone: 215-685-1170 (Cell)
E-mail: Walter.E.Smith@phila.gov



Pennsylvania Department of General Services ARMED FORCES RESERVE CENTER & FIELD MAINTENANCE SHOP, Williamsport, PA

L.R. Kimball designed a two-story masonry building of approximately 75,000 square feet located on the existing Williamsport Armory site. Accommodations for the Army Reserve unit and two National Guard units were addressed in the project design solutions. This training facility also houses offices and administrative areas as well as a separate building for vehicle maintenance.

This project received Silver Level Certification under the LEED NC 2.2 rating system.

This project required a Special Exception to the City's Zoning Ordinance since the proposed military facility was not an approved use of the property, even though the project site was the location of the existing military facility. We worked closely with the Pennsylvania Department of General Services, the Pennsylvania Department of Military and Veteran Affairs, and the City of Williamsport to have the initial denial of the Special Exception vacated and to get the necessary Special Exception Permit granted by the Zoning Hearing Board.



KEY FEATURES

- Military Readiness Center
- Office / Vehicle Maintenance / Kitchen
- Assembly Hall / Classrooms / General Purpose Areas
- Coordination with Local, State and Federal stakeholders
- LEED Silver Certification

PROJECT COMPLETION 2011

TOTAL SQUARE FOOTAGE 75,000 SF

REFERENCE

Our Former DGS Reference for this project now works for FEMA:

Andrew J DeGregorio, EIT, COR, CFMO, Senior Environmental Protection Specialist, DHS-FEMA/MS/OCAO/ Sustainability & Environmental Management (SE) Programs
Phone: 202-646-2548; E-mail: andrew.degregorio@fema.dhs.gov



Chatham County, GA

RENOVATION & EXPANSION OF THE DETENTION CENTER, Savannah, GA

Before its expansion in 2013, the Chatham County Detention Center had a capacity of 1,224 beds and was dealing with conditions of severe overcrowding. To help resolve these issues, L.R. Kimball was appointed the role of Architect of Record in association with local architectural and engineering firms to develop a two phase plan for the expansion and renovation of the Detention Center and the Sheriff's Office.

Working with staff representing the various operating components of the Detention Center and the Sheriff's Office, a two-phase plan evolved. Phase I included inmate housing for an additional 1,136 beds bringing the total capacity of the Detention Center to 2,360 beds. This campus has a build out capacity to 3,896. It became necessary to expand the service components to support the build out capacity. Support components included intake, kitchen, laundry, warehouse, maintenance, programs, medical services, facility administration, and sheriff's office. This phase also included upgrades to the site infrastructure and the redesign of the perimeter fence.

Among the innovations in the design, the concept of video visitation was utilized. An integral part of this approach was the design and construction of a separate building on the campus but outside the security perimeter. With visitors coming to a separate building, the introduction of contraband to this detention center was reduced as was the need for additional staff.

Phase I of this project has achieved LEED® certification. Phase II of the process in planning and design involved schematic design phase documentation of plans for additional housing units for the Detention Center's build-out capacity of 3,896 beds.

L.R. Kimball team was retained in 2014 by Chatham County to design interior renovations of the existing Unit-5 Building, existing multi-purpose room, existing K-9 building as well as the construction of a new K-9 building.

KEY FEATURES

- Complex, phased, expansion & renovation of the campus over 10+ years
- Design allows for safe & secure movement of inmates
- Perimeter fence redesign
- Expansion of support functions & site infrastructure
- Video Visitation in Separate Facility
- Main Expansion/Renovation - **LEED Certified**
- K-9 Unit - **LEED Silver Certified**

PROJECT COMPLETION 2019

TOTAL SQUARE FOOTAGE

- 293,000 SF (New Construction of the Main Project)
- 70,700 SF (Renovation of the Main Project)
- 55,000 SF (Unit 5 Renovation)
- 7,057 SF (New K-9 Building)

REFERENCE

Parveez Yousuf, Senior Construction Project Manager
Chatham County Department of Engineering
Phone: 912-652-7808
Email: pyousuf@chathamcounty.org



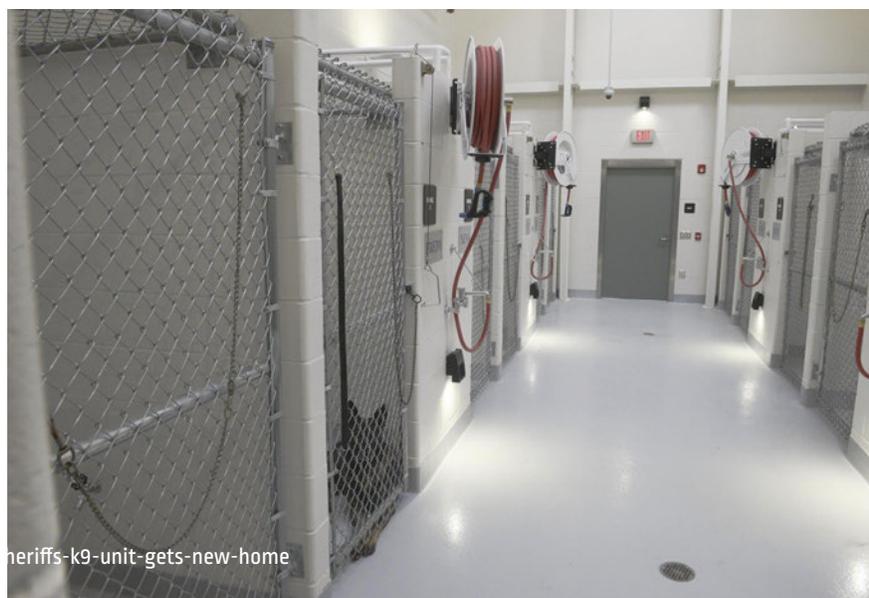


Image Credit: <https://www.savannahnow.com/news/20181219/chatham-county-sheriffs-k9-unit-gets-new-home>

Department of the Air Force, 911th Airlift Wing

A&E SERVICES FOR A 6-YEAR IDIQ CONTRACT

Pittsburgh, PA

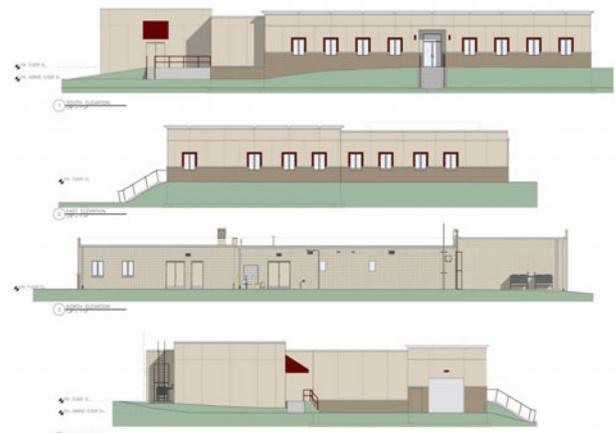
L.R. Kimball provided architecture and engineering services under an Indefinite Delivery/Indefinite Quantity contract for the Department of the Air Force 911th Airlift Wing starting in 2007. Select projects under this IDIQ have included:

- **Construct Parking Lot, Aircraft Maintenance**
- **Repair Airfield Lighting, East & West Apron:** Design repairs to the airfield lighting for the east and west apron to provide lighting levels in compliance with UFC 3-530-01. Repairs may include replacing the existing fixtures, installing additional high level fixtures on the east side of the apron, or other solution as determined by the A-E. Light must illuminate the apron without shining into the pilot's eyes when taxiing on the apron. Any new installed equipment must not cause an airfield obstruction. Light posts on the west side of the apron will need to be relocated to allow for future expansion of the apron. Coordinate design with the Allegheny County Airport Authority.
- **Renovations and additions to an existing one-story, 6,000 square foot communications facility**
- **Repairs and replacement sections for portions of the existing concrete paving and stormwater piping at the POL area.** Our team also designed a new access road for the POL (Petroleum Oil Lubricants).
- **Design of a new addition at the dining facility** to provide handicap accessibility to the upper and lower level of the building

- **Repair / Maintain NDI Shop B 409:** Design services for interior renovations which included interior finish renovations, minor repairs to existing interior and exterior doors/frames, minor HVAC modifications and the additions of curbs and landscaping.
- **Maintain/Repair Base Supply Building, 312:** Design services for renovations to a concrete slab at a high-density storage area and to office areas and women's restrooms and replacement of exterior windows to meet ATPF requirements.
- **Design of a 1,840 SF addition to the Aircraft Generation Equipment (AGE) Shop.** Renovations included equipment storage space and a high bay space to accommodate a jack stand tester. Also provided an enclosed walkway passage to allow movement between adjacent buildings without going outside.
- **Construct Covered, Non-Heated MXS Storage Facility:** Design of a non-heated storage facility at the site of the previous fire pump station for Aircraft Maintenance. The structure is approximately 4,800 sf and has 4 large overhead doors and is intended to house aircraft maintenance equipment.
- **Repair/Renovations to Visiting Quarters Buildings 219:** Full interior and exterior renovation of a 2.5 story approx. 27,000 sf visitor's quarters. Converted the existing 28 units (2 are suites, 10 are private rooms with private baths and the remaining 16 private rooms utilize 4 central latrines) into 26 guest rooms, all with private baths including 2 suites.

“Great job grasping the concept and bringing it to final design. Definitely an award winner.”

Robert Clifford, General Engineer,
Department of the Air Force 911th Airlift Wing
Project: Dining Hall Building 213



- **Repair/Renovations to Visiting Quarters Buildings 219:** Full interior and exterior renovation of a 2.5 story approx. 27,000 sf visitor's quarters. Converted the existing 28 units (2 are suites, 10 are private rooms with private baths and the remaining 16 private rooms utilize 4 central latrines) into 26 guest rooms, all with private baths including 2 suites.
- **Repair/Renovations to Visiting Quarters Buildings 209:** Full interior and exterior renovation of a 2.5 story approx. 27,000 sf visitor's quarters. Converted the existing 28 units (2 are suites, 10 are private rooms with private baths and the remaining 16 private rooms utilize 4 central latrines) into 26 guest rooms, all with private baths including 2 suites.
- **Repair/Renovations to Flight Operations Building 419:** Design included painting all interior walls, removing and replacing suspended ceiling tile panels throughout the building. Replace all carpeting and vinyl cove base. Replace all flooring in hallways with ceramic tile. Add ceramic tile wainscoting to all hallways; adjust affected electrical outlets/switches and replace cover plates, completely renovate all restrooms including new partitions, fixtures, accessories, mirrors, ceramic tile flooring and wainscoting, drywall ceiling as needed, replace lighting, switches, outlets and cover plates. Replace 50 ton rooftop HVAC condenser and install dehumidifiers for basement. Install new interior signage. Design also included constructing a canopy enclosure at basement entrance/stairway ST2 to create windbreak to keep debris and rain from entering building. A Structural Interior Design (SID) package was included as part of the design.
- **Additional Projects include:**
 - Replace Roofs/Skylights, Building 125
 - Repair/Add to Security Forces Building 221
 - Repair/Replace HVAC System & Controls - Multiple Buildings
 - Repair Grill Exhaust Hood, Picnic Pavilion B5842
 - Conduct Wood Truss Study, Buildings 120 & 312



Photo Credit:
<https://www.pittsburgh.afrc.af.mil/News/Photos/igphoto/2001466206/>
 (U.S. Air Force photo by Staff Sgt. Joshua J. Seybert)

KEY FEATURES

- A&E services for airport / support building projects on an active Air Force Base
- Variety of projects involving repairs, upgrades, renovations, maintenance, new construction
- Design of specialized systems
- Multiple Tasks Orders over a 6 year contract, demonstrating client satisfaction
- Met budget and schedule goals

PROJECT COMPLETION DATES 2007-2013

Yeager Airport

VARIOUS PROJECTS

Charleston, WV

L.R. Kimball has been working at Yeager Airport for over 25 years on 55+ projects. Current and past projects at Yeager Airport include:

New US Customs Building

L.R. Kimball is providing architecture and engineering design services for a new 5,120 SF US Customs and Border Protection Building at Yeager Airport in Charleston, WV. This federal building will provide the necessary spaces and equipment required for the secure facility. The building will be connected to the Capital Jet Center by an enclosed walkway. Expanded public parking and a new drop-off canopy at the entrance to the Jet Center are also included in this project.

New Bill Noe Flight School for Marshall University

This project involved the design of a new 10,600 SF Classroom Building and 12,000 SF Hangar.



Additional projects include:

- FBO Garage and Line Shack
- Relocate Rental Car Facilities
- Airport Maintenance Facility
- Design of Runway 5-23 Drill
- Rehabilitate Runway 5-23 and Runway Safety Area Analysis, and Access Taxiways
- Terminal Building Renovations/Expansion
- Taxiway A Relocation Environmental Assessment
- Runway 5 Obstruction Removal and Runway
- Runway 5 Obstruction Removal EA & Pre Design
- Environmental Form A R/W Safe
- Environmental Form C Runway Safe
- Aircraft Forecasts and Noise Control
- Master Plan with GIS Component
- Rehabilitate Taxiway A & B at Main Apron; Extend Taxiway A to Runway 5 End; Obstruction Removal Runway 5 End-Design; Rehabilitate and Redesign Taxiway B, Phase 2 Design & Construction
- Taxiway C Realignment with Runway Closure, Design
- Relocate Taxiway C Realignment, Ph2, Construction
- Runway Threshold Light Bar Mod Re-Design
- Runway 5 Obstruction Removal, Phase 2 (Tree Clearing Construction Phase 2)
- Commercial & GA Apron Lighting Improvements
- Wildlife Study (WHA & WHMP)
- Engineer of Record (July 2012-June 2014) w/ Natural Gas Well Installation
- Ground Obstruction Removal, Phase 3 (Construction)
- Pavement Management Study
- EMAS Evaluation Study
- Develop CSPP for Loading Bridge Project at Yeager Airport
- Stormwater Drainage Outfall Study at Yeager Airport
- Landslide Short-Term Aide
- RPZ Plan
- Drainage Improvements, Phase 2
- Land Acquisition - Runway 5 Protection Zone
- DBE Plan Reporting for Yeager Airport FY16-18
- Acquire Land in the Runway 5 RPZ, Ph I (Environmental Assessment)
- Rental Car Facility and Fueling Terminal
- Jet Hangar Facility
- Oversight for Miscellaneous Projects (2018)
- Extend Eagle Mountain Road, Phase 1 (Design)
- Extend Eagle Mountain Road, Phase 2 (Construction)
- Relocate and Reconstruct Buildings, Phase 1 (Design)
- GA Area Master Plan Update (2019)
- Improve Airport Drainage (Slip and Erosion Repairs)
- Building Demolition (GA Hangars and Line Shack)
- DBE Program Development & Reporting FY 2019-2021
- 2020 Yeager Expand/Rehabilitate GA Terminal Parking Lots
- Garage Assessment
- Site & Parking Lot Development for Bill Noe Flight School
- Apron for Marshall University Flight School
- Repair Maintenance Slip, Program Management
- Environmental Services (2005)
- S&S Wetland Mitigation and Monitoring

REFERENCE

Nick Keller, Executive Director
304.344.8033

Federal Aviation Administration ARCHITECTURE AND ENGINEERING SERVICES FOR RENOVATIONS at the FAA William J. Hughes Technical Center at the Atlantic City International Airport, NJ

The Federal Aviation Administration (FAA) William J. Hughes Technical Center (WJHTC) is the nation's premier aviation research and development, testing, and evaluation facility. The WJHTC serves as the national scientific test base for the FAA. WJHTC programs include testing and evaluation in air traffic control, communications, navigation, airports, aircraft safety, and security. They also include long-range development of innovative aviation systems and concepts, development of new air traffic control equipment and software, and modification of existing systems and procedures. This work is accomplished and supported in numerous buildings of various age, size, function, style, and condition throughout the property.

L.R. Kimball is providing architectural as well as mechanical, electrical, and plumbing engineering design services to Maser Consulting P.A. in support of a five-year, Indefinite Delivery/Indefinite Quantity (IDIQ) contract with the Federal Aviation Administration (FAA) for facilities projects at the William J. Hughes Technical Center (WJHTC) at the Atlantic City International Airport.

Projects related to this contract include analysis for new and/or existing facilities; design (preliminary, final, and bidding documents) for new construction, renovations, alterations, restorations, change in use, additions, utility improvements and electrical/mechanical/fire protection system upgrades or reconfigurations.



KEY FEATURES

- Federal IDIQ Contract
- 9 Task Orders to date
- \$18 Million+ in Construction Costs
- Variety of project types: additions and renovations including complex MEP system upgrades

PROJECT COMPLETION

- Varies per Task Order
- 2014 - Current (work orders extending into 2021)

REFERENCE

David D. Smith, P.E.
Federal Aviation Administration (FAA)
William J. Hughes Technical Center
Project Engineering and Construction Section
Bldg 305, ANG-E342
Atlantic City International Airport, NJ 08405
Office: (609) 485-5966
Cell: (609) 471-1053

Sheetz, Inc

HEADQUARTERS & TRAINING FACILITY

Claysburg, PA

The new Operations & Training Center, approximately 115,000 square feet in area, is located in the Sheetz Office Complex across Sheetz Way from the existing Sheetz Distribution Center in Greenfield Township, Blair County, PA. The building is a four-story, steel frame office building which houses offices, large meeting rooms, conference rooms, a learning center, training kitchen, main kitchen, and dining room.

The building design incorporates sustainable design elements throughout. The exterior wall is constructed of metal stud framing over which an exterior insulation system is installed to eliminate thermal bridging. The skin of the building consists of fiber cement architectural wall panels, natural stone veneer, and aluminum curtain wall. The main roof is a standing seam metal roof with large overhangs and gutters and downspouts.

The building is organized so that the first floor contains the “public” areas- meeting rooms, a learning center, kitchens, and a dining room are located here. A data center and mechanical and electrical rooms are also located on this floor along with a loading dock and receiving area at one end of the building. A partial floor called the “Mezzanine” contains offices and unfinished space for future expansion. This floor is also designed to allow for expansion into a future addition which would be constructed above the first floor kitchen.



“This building is phenomenal; we are so happy to add it to what we can now call a campus,” said President and CEO Joe Sheetz at the ribbon-cutting event. “We wanted a building that was modern and has longevity to it, and we wanted something more collaborative and open. The idea of what a workplace should look like has changed. You need a lot of energy and light. That is what members of today’s workforce want and demand.”

Source: <https://www.cspdailynews.com/company-news/sheetz-opens-new-operations-support-center>

KEY FEATURES

- Cutting edge commercial office design
- Sustainable design features
- Modern, collaborative spaces

PROJECT COMPLETION 2018

TOTAL SQUARE FOOTAGE |
15,000 SF (New Construction)

The second and third floors contain offices generally constructed of glazed and solid architectural wall panels which can be easily reconfigured, allowing for flexibility and future modification. Common rooms such as conference rooms, print rooms, and break rooms are conveniently located on each floor.

A dramatic four-story atrium connects all four floors on the South-facing side of the building by way of a monumental stair which bridges above the atrium floor to connect with lounge/meeting spaces on each floor. A large covered patio extending the length of the atrium can be accessed through several doors in the glass curtainwall.

The dining room is a one-story element connected to the first floor by the atrium. It is designed with exposed heavy timber columns and trusses with a natural stone gas-burning fireplace at one end. A partially covered patio extends the dining space to the outdoors where a stone-faced wood burning fireplace shares the stone chimney structure of the dining room.

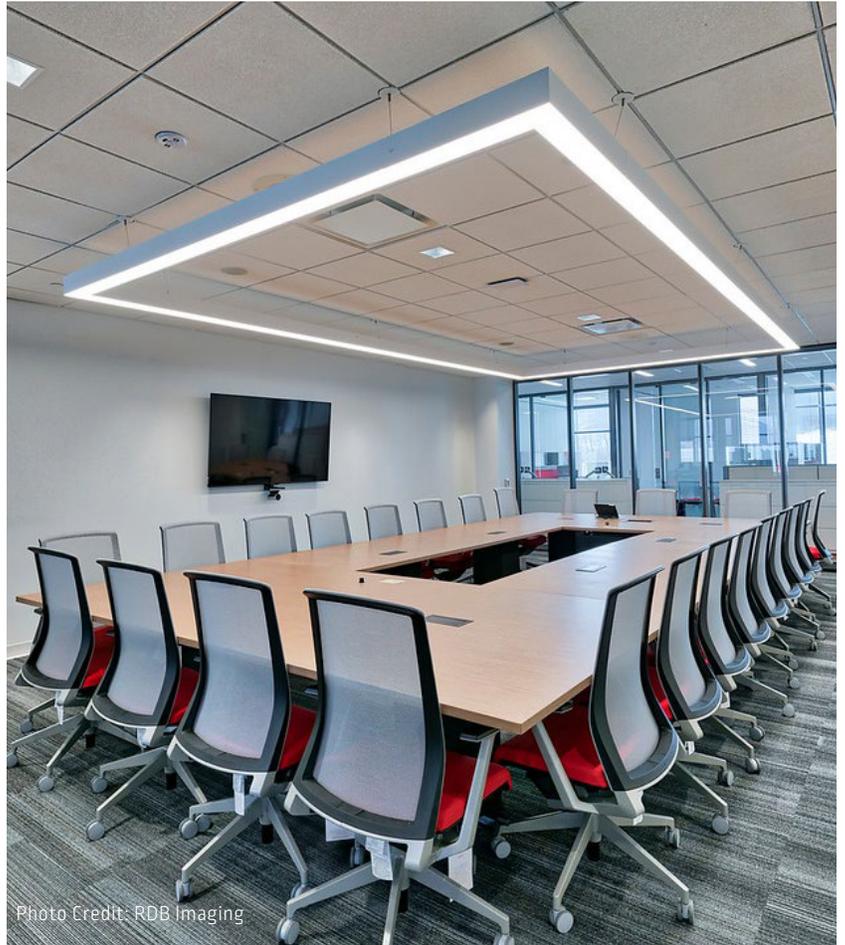


Photo Credit: RDB Imaging



Photo Credit: RDB Imaging

Marshall University

NEW FLIGHT SCHOOL AT YEAGER AIRPORT

Charleston, WV



L.R. Kimball first provided options for a Master Plan to reflect the future aspirations of Marshall University for a School of Aviation program at Yeager Airport in Charleston, WV and Tri-State Airport in Huntington, WV. The University planned to split their program into two parts: an Aviation Maintenance Technology program focused on fixed wing and rotor maintenance at Tri-State Airport and a Flight School based at Yeager Airport. A student residence was also intended to provide housing at the South Charleston campus to support first-year students. This project involved the following:

Program – Site Analyses and Building Spaces:

Our work included confirmation of building locations and sizes for the Flight School at Yeager Airport and a potential Student Residence for 50 students to be adjacent to existing parking at the South Charleston campus. Concept plans included housing and food service requirements and limitations of the site grades, access, and vehicle circulations.

Conceptual Studies:

- Building survey of an existing building to be renovated at Tri-State Airport
- Diagrammatic layouts and proposed building plans
- Simple massing models showing approximate volumetric description of the new building(s)
- Rough order of magnitude cost estimates
- Schedules that outlined key milestones for design and construction

New Flight School Design:

L.R. Kimball designed a new Hangar and Classroom Building for Marshall University, in conjunction with Yeager Airport to house the Bill Noe Flight School as part of the new School of Aviation program which officially opened August 10, 2021. The 10,600 SF Classroom Building includes three classrooms, a large multi-purpose room, a flight simulation room, offices, a gaming room, two pilot planning areas and a large lounge space with collaborative seating and a fireplace, as well as other support spaces. The 12,000 SF Hangar has space to store up to seven planes which will serve Marshall University well into the future. An addition is planned for the Classroom Building for additional classroom space and a second hangar can be constructed on the site as well as additional parking to allow for the program to expand in the future.

KEY FEATURES

- Recently completed flight school to enhance offerings of Marshall University & Yeager Airport
- Variety of concepts and options explored
- Office/administration/training components
- Participation of a diverse group of stakeholders
- Complex project completed on time and below bid price
- Full architecture & engineering design services provided: architecture, mechanical and electrical engineering, plumbing design, structural engineering, civil engineering, aviation planning and engineering

PROJECT COMPLETION August, 2021

TOTAL SQUARE FOOTAGE 22,600 SF Total:
10,600 SF Classroom Building and 12,000 SF Hangar

CONSTRUCTION COST \$6.6 Million

Relevant Experience

Niagara Falls AFB – 914th Airlift Wing – Renovate Hangar B850 to Consolidate MXS

Location: Niagara Falls, NY

Client: Trautman Associates
David Guarino
716-883-4400 | dguarino@trautmanassoc.com

Scope: This project consisted of the renovation and selective interior demolition to provide adequate facilities to modify the Hangar within Building 850 to accommodate the change to the new KC-135 missions.

Estimated: 2019

Cost Estimate: \$3.7M

Niagara Falls AFB – Repair Aircraft Fire Training Facility

Location: Niagara Falls, NY

Client: Trautman Associates
Robert Rumpl
716-883-4400 | rrumpl@trautmanassoc.com

Scope: This \$2.6M project consisted of the renovation to the Aircraft Fire Training Facility at Niagara Falls AFB. It involved the demolition and reconstruction of an existing training cargo plane, as well as complex MEP systems that simulate a malfunctioning jet engine.

Estimated: 20201

Cost Estimate: \$2.2M



d. REFERENCES

Delaware Valley Intelligence Center

Inspector Walter Smith, Director
Delaware Valley Intelligence Center
Philadelphia, PA 19145
Phone: 215-685-1170 (Cell)
E-mail: Walter.E.Smith@phila.gov

Armed Forces Reserve Center

Our Former DGS Reference for this project now works for FEMA:
Andrew J DeGregorio, EIT, COR, CFMO, Senior
Environmental Protection Specialist, DHS-FEMA/MS/OCAO/
Sustainability & Environmental Management (SE) Programs
Phone: 202-646-2548;
E-mail: andrew.degregorio@fema.dhs.gov

Renovations & Expansion at Chatham Detention Center

Parveez Yousuf, Senior Construction Project Manager
Chatham County Department of Engineering
Phone: 912-652-7808
Email: pyousuf@chathamcounty.org

Yeager Airport, Various Projects

Nick Keller, Executive Director
Phone: 304.344.8033

JBPHH, Building 17 Repair

Dave Watts, Navy Expeditionary Combat Command Pacific
Facilities Manager
Pearl Harbor, HI
(808) 471-2263
NIPR e-mail: dave.watts@navy.mil
SIPR e-mail: david.watts@navy.smil.mil

JBPHH Waterfront Operations

Sam Martindale (Now Retired from NAVFAC)
619 437-0772

Renovations at the William J Hughes Technical Center

David D. Smith, P.E.
Federal Aviation Administration (FAA)
William J. Hughes Technical Center
Project Engineering and Construction Section
Bldg 305, ANG-E342
Atlantic City International Airport, NJ 08405
Office: (609) 485-5966
Cell: (609) 471-1053

Marshall University Flight School

Dr. Jerome A. Gilbert, President
Marshall University
Phone: 304.696.2300

“The PA Department of General Services contracted with L.R. Kimball to design a two-story, 75,000 square foot masonry building located on the existing Williamsport Armory site for the PA Army National Guard / PA Department of Military and Veterans’ Affairs (PADMVA) for which I was the PADMVA’s project manager. Construction of the facility was completed in November, 2011. Accommodations for an Army Reserve unit and two National Guard units were addressed in the project design solutions. This training facility houses offices and administrative areas as well as a separate building for vehicle maintenance.”

The Armed Forces Reserve Center and Maintenance and Storage Unit are state-of-the-art facilities which have innovative design features to meet the users’ needs. They house unique technology and security features and have received Silver Level Certification under the LEED NC 2.2 rating system.

L.R. Kimball met all of our needs and exceeded our expectations. Their expertise and professionalism are only two of the attributes in which they excel.

The PA Department of General Services and the PADMVA have developed trust and confidence in L.R. Kimball. Working with this team was truly a beneficial partnership. We would highly recommend them to any agency considering a building project or restoration.”

- Andrew J DeGregorio, EIT, LTC (RET), EN, PAARNG
Former Director - Bureau of Military Construction & Engineering and Project Manager
Construction & Facilities Management Officer/Office of Facilities and Engineering
PA Department of Military and Veterans’ Affairs
Building 0-13, Fort Indiantown Gap, Annville, PA 17003-5002

e. COPIES OF STAFF CERTIFICATIONS

Name:	DAVID A. RISPOLI
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 12/15/1997
	PE Expiration Date: 12/31/2022

Name:	RYAN BRETT MEITZLER
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 10/10/2017
	PE Expiration Date: 12/31/2022

Name:	BRAD STEVEN BLICKENDERFER
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 10/29/2012
	PE Expiration Date: 12/31/2022

Name:	CHRISTOPHER M. BOWERS
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 12/28/2006
	PE Expiration Date: 12/31/2022

Search: Details

Name:	MELISSA DEFIBAUGH
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 05/20/2014
	PE Expiration Date: 12/31/2022

Search: Details

Name:	RICHARD L. HOLES
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 09/12/1997
	PE Expiration Date: 12/31/2022

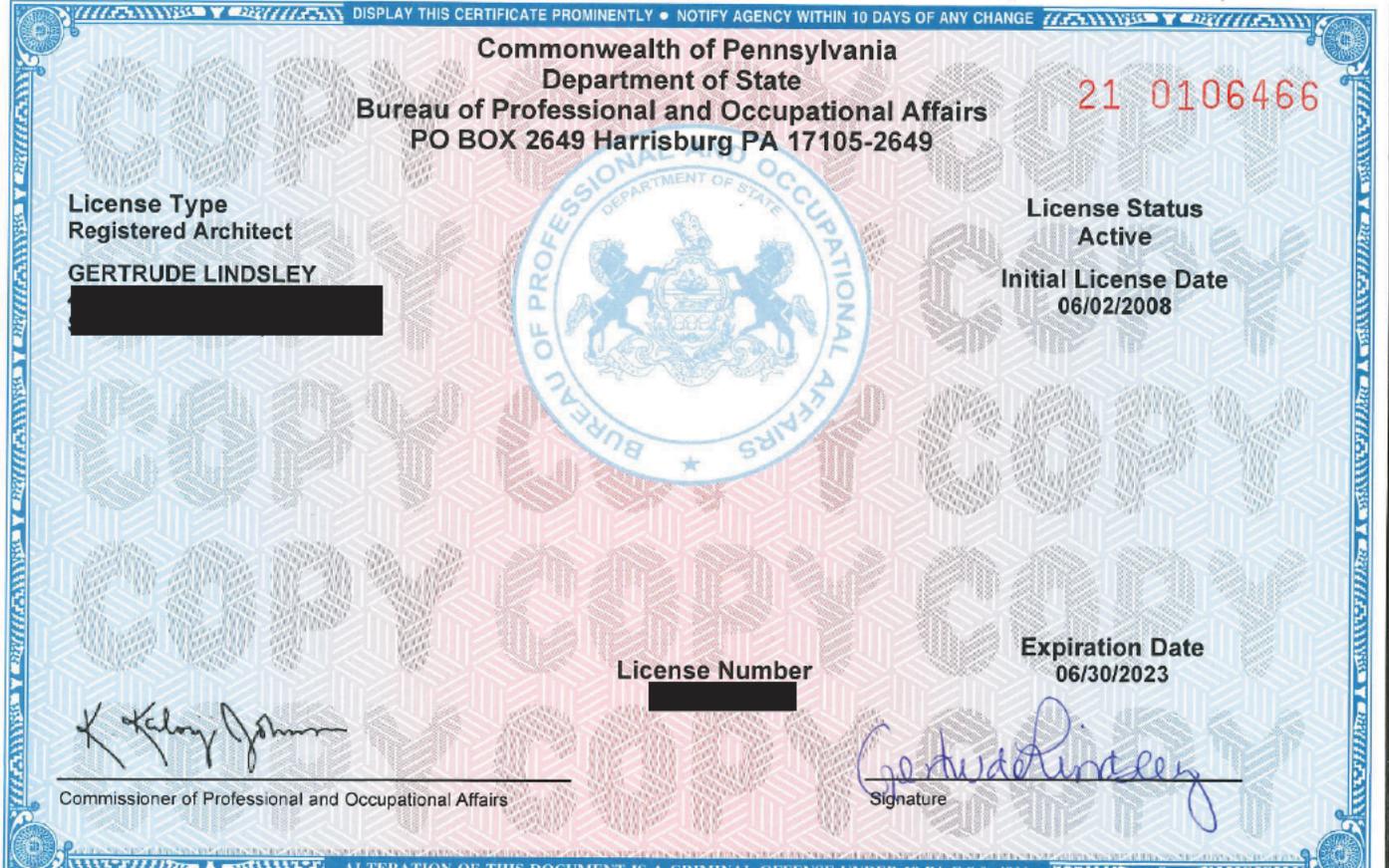


ALL A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Name	Credential ID	Expiration Status	Expiration date	Renewal Date
GLARROW DIANE	4454	Not Expired	2022-06-30	2021-06-29

Search: Details

Name:	GREGORY L. SCHROCK
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 12/05/2006
	PE Expiration Date: 12/31/2022





BUREAU OF PROFESSIONAL AND OCCUPATIONAL AFFAIRS
 P. O. Box 2649
 Harrisburg, PA 17105-2649
 10/27/2021

License Information

JOHN ANDREW BLICKENDERFER
 JOHNSTOWN, Pennsylvania 15909
 Board/Commission: State Registration Board for Professional Engineers, Land Surveyors and Geologists Status Effective Date: 01/20/2015
 License Type: Professional Engineer Issue Date: 01/20/2015
 Specialty Type: Expiration Date: 09/30/2023
 License Number: [REDACTED] Last Renewal: 07/26/2021
 Status: Active

Disciplinary Action Details

No disciplinary actions were found for this license.

This site is considered a primary source for verification of license credentials provided by the Pennsylvania Department of State.



CALIFORNIA ARCHITECTS BOARD

LICENSING DETAILS FOR: [REDACTED]

NAME: WONG, KIT MING
 LICENSE TYPE: ARCHITECT
 LICENSE STATUS: CURRENT

ADDRESS
 [REDACTED]
[MAP](#)

ISSUANCE DATE
 MARCH 18, 1992
EXPIRATION DATE
 MAY 31, 2023
CURRENT DATE / TIME
 OCTOBER 27, 2021
 6:30:15 AM



CALIFORNIA ARCHITECTS BOARD

LICENSING DETAILS FOR: [REDACTED]

NAME: SCHMIDT, RANDALL WILLIAM
 LICENSE TYPE: ARCHITECT
 LICENSE STATUS: CURRENT

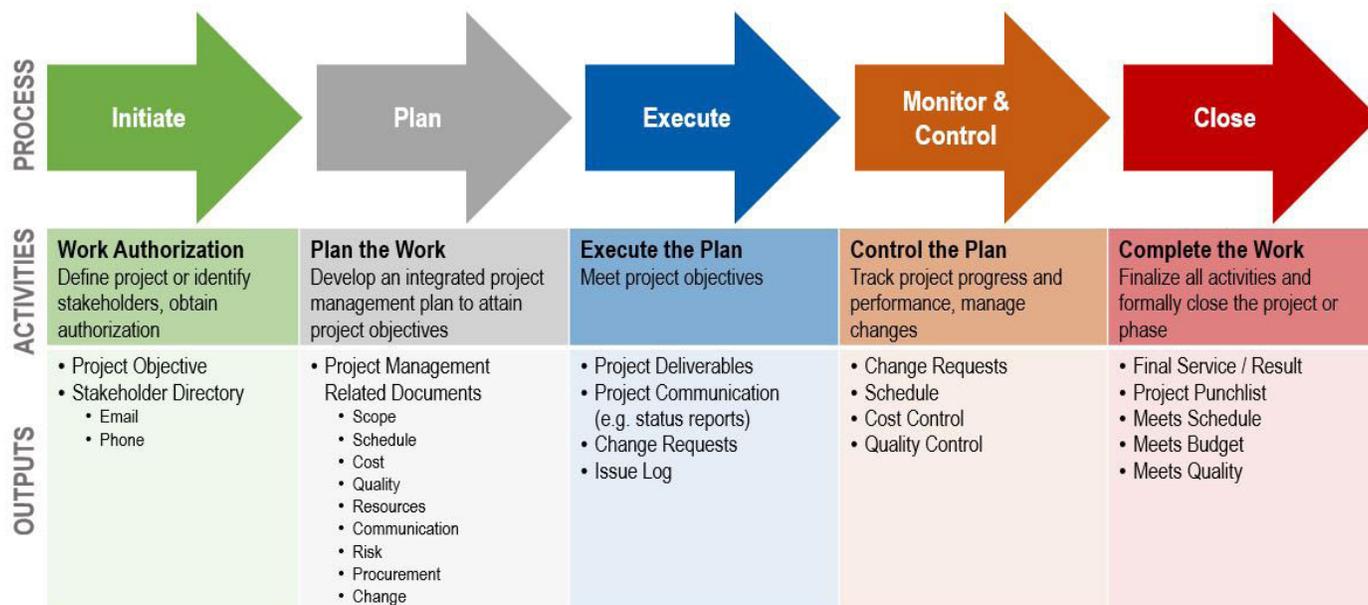
ADDRESS
 [REDACTED]
[MAP](#)

ISSUANCE DATE
 OCTOBER 6, 1994
EXPIRATION DATE
 SEPTEMBER 30, 2023
CURRENT DATE / TIME
 OCTOBER 27, 2021
 6:32:06 AM



Pictured Here:
Greater Johnstown Technology Park, Multi-Tenant
Office Building
Johnstown, PA

APPROACH & METHODOLOGY 2



PROJECT MANAGEMENT INSTITUTE PROCESS

Project Approach

We believe that face-to-face discussions and reviews are an effective method of resolving issues related to the interface of a proposed design solution with applicable standards that can, in some instances, be open to interpretation. This approach is also a benefit to a client’s understanding of the rationale that drives the design.

In addition to experience and capabilities, successful projects depend on solid project management. L.R. Kimball has adopted the Project Management Institute’s (PMI’s) methodology as our own. L.R. Kimball project managers are trained in the PMI processes and knowledge areas and many of our project managers are certified Project Management Professionals (PMPs). Project success is our goal from initiation to closeout.

Our comprehensive project management approach addresses the key project components of scope, time, cost, quality, communications, and risk. The Project Manager integrates these components as well as all of the project stakeholders and provides the Client with a single point of contact for all team resources. The Client and Project Manager work closely to solidify the project requirements. Our team is committed to working with the Client to address any issue impacting the project.

Our team first seeks to clearly understand and define the mission and priorities of the client relative to the project. We take the time to understand the environment, the culture, the constraints, the operational implications, and the client’s historical information that have bearing on the project.

From start to finish, our process assures that these items are integrated into the project requirements. Our understanding of your specific needs and objectives enables us to deliver on your unique objectives while providing an effective, cost-saving, and value-creating solution.

Planning plays a major role in the project’s success. The Plan, Do, Check, Act cycle is formed by the planning, execution, monitoring, and controlling processes.

Project success is assured when the PMI process is combined with our depth of experience. The following provides a brief overview of our project management approach to the key project components of scope, time, quality, cost, and communications.



Marshall University Flight School, Charleston, WV

Scope Management

The project scope is based on the understanding of the needs of the stakeholders that we include from the start of every project. We manage scope by thoroughly delineating what is and what is not included in the project. The Work Breakdown Structure (WBS) is our fundamental planning tool that defines scheduled activities and deliverables. All aspects of the project are thought through. The WBS provides a way to monitor and control the project including scope changes.

Change requests can be the single biggest threat to completing a project successfully on time and on budget. Therefore, all requested changes must be evaluated to determine their impact on the project's scope, budget, and schedule. Requested changes are sometimes straightforward, such as adding a new task, but, more commonly, the change is less obvious, such as completing one task before starting another. L.R. Kimball analyzes the impact of each requested change, communicates the impact, and makes our recommendation to the client. If the requested change is approved through the change management process, L.R. Kimball updates the Project Plan and coordinates required contractual updates.

Time Management

Having identified project scope, our team is able to anticipate the timeline and activity durations. The project schedule is developed with project milestone requirements and other time-sensitive constraints. The project schedule provides L.R. Kimball and the client with a road map to track and coordinate the activities associated with the overall project. In addition, the project schedule will include major client-related tasks and activities that need to be completed to achieve the project milestones. In short, the project schedule enables progress reporting and supports monitoring activity to completion.

Throughout our projects, progress is monitored and reported through regular project team meetings. Actual progress is measured against the baseline schedule, resource needs are discussed, and roadblocks are resolved. Significant variances from the Project Plan are assessed and acted upon to keep the project in alignment with the Project Plan. If necessary, changes and options are discussed with the client.

Quality Management

L.R. Kimball maintains an in-house team of architects, engineers, and project managers who are experienced with government facility design and are responsible for rigorous quality assurance and quality control (QA/QC) of construction documents. These reviewers are typically not assigned to the project that they are reviewing, but they are familiar with the building type, thereby facilitating reviews through a “fresh set of eyes”.

Our QA/QC team follows an established policy for drawing review and coordination. These reviews are in addition to the continual reviews undertaken by the Project Manager, Project Architect, and Senior Technical Leaders within each discipline. These formalized QA/QC reviews take place at the 30%, 60%, and 90% stages of the production of construction documents. Our Project Manager works closely with the QA/QC team during this review process for each project.

L.R. Kimball’s QA/QC reviews also include coordination of the architectural drawings with the documents produced by the mechanical, electrical, plumbing, and structural disciplines. In this regard, we are currently utilizing an interdisciplinary coordination process and construction document review system specifically designed to address points of interface, enabling both production personnel and our QA/QC team to locate discrepancies between disciplines.



Project Management Software

L.R. Kimball utilizes industry-leading software to assist in our project management approach and methodology. We have a comprehensive understanding of the project’s needs and objectives by clarifying this information in both graphic and database forms.

We are able to coordinate the project-specific requirements with staff resources on a global enterprise system. The L.R. Kimball team meets weekly with resource staff to review project milestones, deliverables, and to coordinate with project managers the delivery of a successful project at every level of the project’s duration.

The following information is a high-level overview of the software that we utilize and the benefits of these tools in our planning, execution, monitoring, and control over the life of a project.

Microsoft Project Scheduling Software:

We will establish a work breakdown structure for the project, assigning specific tasks and due dates to designated project team members to develop a baseline for the project schedule. This allows us to anticipate potential schedule slippage and develop schedule recovery options to ensure the project is kept on track.

Newforma Virtual Project Office Software:

Our team will utilize Newforma software to provide the entire project team, including the Owner, with the following benefits:

- Repository and access to all project documents (meeting minutes, design documents, submittal schedules, RFI logs, etc.).
- Ability to review, redline, and comment on design documents without the need for AutoCAD software.
- Ability to track project issues by responsible party and due date.
- Ability to track all construction phase activities, submittals, RFIs, change order logs, and more.

Project Resource Management Software:

Our project manager will update manpower requirements and review work assignments on a weekly basis to ensure the project is appropriately staffed. This software provides each staff member with their assignments for a two-week, look-ahead period. This benefits our Client by letting them know in advance when critical design decisions need to be made.

Cost Control

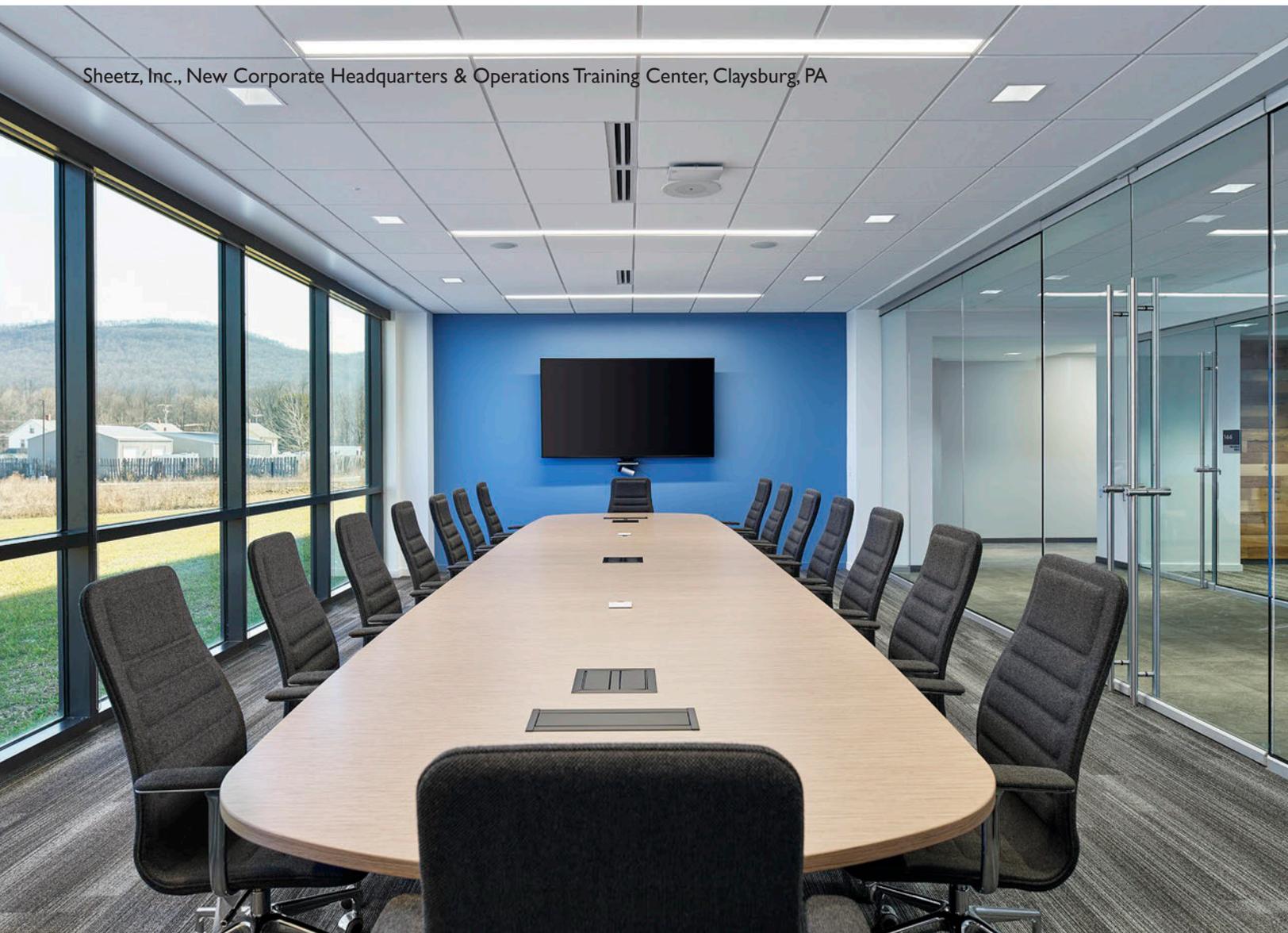
L.R. Kimball's procedures for cost control ensure that sufficient opportunity is provided to accommodate changes in scope prior to the final Design/Construction Documents Phase to avoid cost overruns. Construction cost estimates will be provided by L.R. Kimball personnel throughout the project. By continually addressing the cost implications throughout the early phases of design, the team is able to identify cost issues before unrealistic expectations are created. These estimates will be developed on a square foot basis initially and will be prepared at increasing levels of detail as the project documentation is developed. In addition, we will utilize an independent professional cost estimating firm to develop its own estimate. Any significant variances will be discussed and reconciled.

The key to successful estimating is the early identification of all components that carry a project cost, the establishment of an adequate project contingency, and confirmation of the workload in the marketplace with the local construction industry. Life cycle costs must also be taken into consideration in the selection of final finishes, equipment, and energy conservation measures as well.

In order to maintain the project budget, it is critical to evaluate the budget at each phase of the project. In the budget development process, we will work closely with your representatives and/or any of your other consulting professionals to understand the cost ramifications of various design decisions.

Additionally, we understand the need to select systems that are economical from the day they are purchased throughout the life of the facility. Every major system is evaluated in terms of initial purchase, availability, operating/life cycle costs, and maintenance and replacement costs. Availability of long lead items is also taken into consideration, especially as it relates to project schedule and construction phasing.

Sheetz, Inc., New Corporate Headquarters & Operations Training Center, Claysburg, PA



Communication Management

Communication and coordination among all parties is critical to assure successful execution of the Project Plan. During the project “kick-off” meeting with our team and client staff, we review the Project Plan, procedures for change control, project specifications, and production methodology to eliminate any misunderstandings and align with expectations. A vital part of this meeting is the discussion of project communications—specifically, what needs to be communicated, by whom, to whom, how often, and by what method. The result of this discussion is a communication plan that will frame the communication requirements for the project. At the center of all successful projects is clear, concise communication.



Building Information Modeling (BIM) / Virtual Reality

Building Information Modeling (BIM) is an intelligent 3-Dimensional, digital representation of the physical, functional, and spatial characteristics of a facility. 3D digital representations of a facility can be utilized by the project team during the entire lifecycle of a project. This software is used by our architects and engineers to communicate with owners and contractors during the design, construction, and operation of facilities.

The BIM database can encompass geographic information and special relationships, as well as specific component information that can be utilized for design analysis, engineering calculations, and quantitative properties for estimating. These capabilities can be tracked throughout the life cycle of a project, allowing for evaluation and assessment of decision made during the design of a project.

By incorporating Virtual Reality (VR) practices, the team can visually interpret the BIM model in real time, allowing for a more in-depth understanding of a project’s design features and to make more informed decisions. When carried beyond the design phase, the BIM dataset can be utilized for fabrication of components, and for construction logistics / sequencing. After construction, the BIM dataset is also effective for maintenance and operation of facilities.



We utilize Revit as our primary design / engineering application when developing BIM datasets for projects. As hardware and software developments around the BIM process have advanced over the last several years, L.R. Kimball has developed an integrated approach that incorporates VR capabilities into our project workflow.

Capabilities include design visualization to immersive walk-throughs. Output options range from still images and animations to stand alone panoramic or virtual environments. The BIM / VR combination also allows for an immersive experience with the addition of the latest headsets from Oculus and HTC. These visualization options help the entire team, including our clients understand and experience the project before construction begins..

Additional Information

Please note that while L.R. Kimball has been acquired by TranSystems, our business name for work in West Virginia is still currently CDI-Infrastructure LLC dba L.R. Kimball. Our representatives have reviewed the CEOI thoroughly and upon selection, L.R. Kimball requests the opportunity to negotiate mutually beneficial terms and conditions.



FORMS 3



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

Proc Folder: 944005			Reason for Modification:
Doc Description: JFHQ TAG Wing Renovation Design			
Proc Type: Central Purchase Order			
Date Issued	Solicitation Closes	Solicitation No	Version
2021-10-05	2021-10-27 13:30	CEOI 0603 ADJ2200000006	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 : CDI-Infrastructure, LLC dba L.R. Kimball

Address : Frick Building, 437 Grant Street

Street : Suite 812

City : Pittsburgh

State : PA **Country :** USA **Zip :** 15219

Principal Contact : David A. Rispoli, PE

Vendor Contact Phone: 814-419-7897 **Extension:** 814-419-7897

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

Vendor Signature X  **FEIN#** 27-2620523 **DATE** 10/26/21



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**

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Doc Description: JFHQ TAG Wing Renovation Design			
Proc Type: Central Purchase Order			
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FOR INFORMATION CONTACT THE BUYER
 David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X  **FEIN#** 27-2620523 **DATE** 10/26/21

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.

Megan Polinsky, Contract Administrator

(Name, Title)

Megan Polinsky, Contract Administrator

(Printed Name and Title)

615 West Highland Avenue, Ebensburg, PA 15931

(Address)

814-419-7861 / 814-472-6610

(Phone Number) / (Fax Number)

mepolinsky@transystems.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.

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.

CDI-Infrastructure, LLC dba L.R. Kimball

(Company)



(Authorized Signature) (Representative Name, Title)

Edward J. Jones PE, Vice President

(Printed Name and Title of Authorized Representative)

October 26, 2021

(Date)

814-419-7886 814-472-7712

(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 five 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.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: CDI-Infrastructure, LLC dba L.R. Kimball

Authorized Signature: *[Signature]* Date: 10/26/21

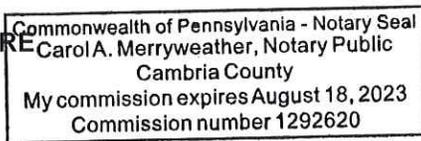
Commonwealth State of Pennsylvania

County of Cambria, to-wit:

Taken, subscribed, and sworn to before me this 26 day of October, 2021.

My Commission expires August 18, 2023.

AFFIX SEAL HERE



NOTARY PUBLIC

Carol A. Merryweather

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI ADJ2200000006

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

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

CDI-Infrastructure, LLC dba L.R. Kimball

Company



Authorized Signature

October 26, 2021

Date

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

L.R. Kimball

A Division of TranSystems

PITTSBURGH

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