

EXPRESSION
OF INTEREST

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WV PURCHASING
DIVISION



ARCHITECTURE/ENGINEERING SERVICES
WEST VIRGINIA
DIVISION OF CORRECTIONS #COR61447
WORK RELEASE/TRAINING CENTERS
02 February 2010

Marshall Miller & Associates with
KZF GOVERNMENT & JUSTICE GROUP





carbon@mma1.com • www.mma1.com • 276-322-5467

Indiana • Kansas • Kentucky • Louisiana • North Carolina • Ohio • Pennsylvania • Tennessee • Virginia • West Virginia

February 2, 2010

Mr. John Abbott
Purchasing Division
Department of Administration
2019 Washington Street
Charleston, WV 25305-0130

RE: Division of Corrections Work Release/Training Center #COR61447

Mr Abbott:

Marshall Miller & Associates (MMA) is pleased and excited to submit our qualifications for the design and development of work release and training facilities for various locations throughout the state of West Virginia. We have prepared a group of experienced design and engineering professionals that, together, present a highly qualified team.

MMA has a wide range of project experience throughout the Mountaineer State. With multiple office locations in the state of WV, MMA has a strong working knowledge of how to successfully complete projects in a timely and effective manner. MMA's locations allow our team to meet with the project owners quickly.

Because of the unique requirements of this project, we will augment our own experience with that of corrections/detention expert David E. Bostwick, AIA, LEED AP of KZF Design. David has extensive experience in the development of work release facilities – both new and renovated. Additionally, KZF has completed successful correctional facilities in West Virginia, including three Federal Bureau of Prisons projects in Hazelton. David and KZF have a solid track record of quality work for national, state and local governmental agencies completed on time and within budget.

The following Expression of Interest will further explain MMA's and KZF's experience and capabilities. If selected, we will be committed to start this project immediately and apply all our resources to meet your schedule, exceed your expectations and make your project a success. Should you have questions or need additional information, please don't hesitate to call.

Sincerely yours,

Marshall Miller & Associates, Inc.

A handwritten signature in black ink that reads "Steven M. Carpenter". The signature is written in a cursive, flowing style.

Steven M. Carpenter
Director – Carbon & International Business
Corporate Risk Manager
534 Industrial Park Road
Bluefield, VA 24605
276-326-4804
steve.carpenter@mma1.com

4.2.1 EXPERIENCE

INTRODUCTION

Marshall Miller & Associates and KZF Design are pleased to submit our qualifications for this project. Our team of design professionals has extensive knowledge and experience in the design of new and renovation projects for correctional and justice facilities of all sizes and types. We know how to deliver a successful state project on time and on budget. Our team collectively has designed more than 10,000 beds for local, state, and federal clients and our past experience includes facility renovations, expansions, assessments, upgrades and new construction for clients from small municipalities to Federal Bureau of Prisons installations in West Virginia and throughout the country.

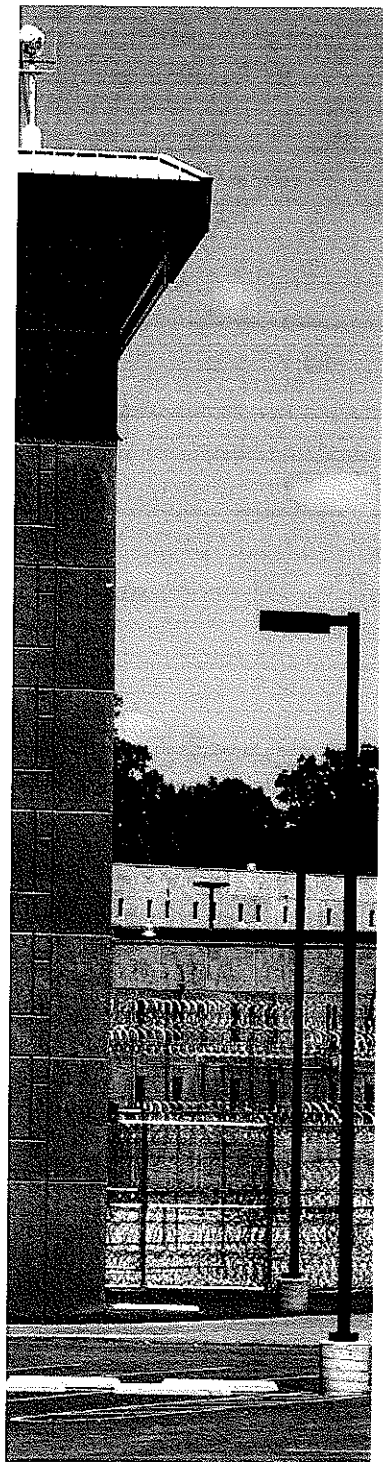
Marshall Miller & Associates

Marshall Miller & Associates, Inc (MM&A), a certified HUBZone concern, is a highly successful engineering firm with over 32 years of success. MMA has built a solid reputation and has many prominent clients as long-term customers such as the Army National Guard, Fort AP Hill, Picatinny Arsenal, the Department of Energy, Norfolk Southern Railroad, CSX Corporation, Alcoa, the U S and the Internal Revenue Service. Our superior customer service and quality of work has allowed MM&A to maintain contracts with these valued clients even through a series of full and open competitive processes.

MM&A develops cost effective solutions and products to assist clients with their specific environmental concerns and engineering needs. In support of this, MM&A maintains close working relationships with local, state, and federal regulatory agencies, particularly in WV, and remains aware of the latest rules and regulations that may affect a client.

MM&A has gained valuable experience managing multiple location contracts, such as this project, by working with clients with broad geographic ranges such as the Virginia Department of Transportation, Norfolk Southern Railway Company, the Virginia Army National Guard, and CSX Corporation. Under these contracts, MM&A has provided consistent, value-oriented related contract services with a "single point" of contact, coupled with total resource management to respond to multiple task orders across a broad geography.

MM&A currently employs nearly 200 personnel in 13 offices distributed throughout the eastern United States. MM&A is headquartered in Bluefield, VA and has offices in Beckley and Charleston, WV.



4.2.1 EXPERIENCE



The following projects represent only a portion of their capabilities:

Wal-Mart Storm Water Remediation, Lewisburg, WV

Investigated the cause of and provided remediation plans for problems associated with flooding that included sinkhole reconnaissance investigation, site survey, permit application for injection well, permit application for discharging storm water to sink hole, and preparing design plans for new discharge and routing system for storm water.

Ashland Scenic Campground, McDowell County, WV

Applied principles of sustainable development in the design of an all-terrain vehicle resort in McDowell County, WV. Project utilized complete civil design, environmental science and permitting service on land that had been deep- and contour-mined. Services included locating an acceptable water source, developing designs for water supply system and sewage collection and treatment system, delineating streams and wetlands affected by redevelopment, and designing a repair and beautification of a stream segment all in coordination with appropriate regulatory agencies.

First Century Bank, Princeton, WV

Conducted civil engineering design services for a 1.5-acre tract that included a 6500 SF one-story bank. Services included design of curb cuts, onsite storm water detention, landscape/irrigation, replatting, setbacks, zoning and utilities, and parking. In addition, supervised construction project that included 727 linear feet of access road with concrete curbs, gutter, and parking areas.

Winding View Subdevelopment, Beckley, WV

Conducted road design that included surveying and engineering; prepared plans for water system that included lines and tank, hydraulic calculations for storm water, and NPDES permitting; and designed sanitary sewer that included a combination of individual septic fields. Various concepts were presented so the client could select cost effective results.

Bluefield Regional Medical Center Ambulatory Surgery Center, Bluefield, VA

Provided site development services for an 11-acre center that included engineering design and modeling of the site, as well as permit preparation, site grading plans, storm water management planning, and construction-phase erosion and sediment control plan.

4.2.1 EXPERIENCE

KZF Design, Inc.

KZF Design is a leading national full-service architectural, engineering, and planning firm that has served justice clients for more than 25 years. Staff includes 78 multidisciplinary design professionals including 18 registered architects and 19 professional engineers. KZF consistently provides quality designs and has won 63 design awards since 2000, including the US Department of Defense, 2008 Value Engineering Achievement Award for the Human Performance Wing Complex at Wright-Patterson Air Force Base, OH and the Design/Build Institute of America, Ohio Valley Chapter, 2007 Public Buildings Over \$15M design award for the Hazelton Secure Women's Facility; Hazelton, WV

KZF has a dedicated Justice Group consisting of architects and engineers well-versed in the unique aspects of corrections facility design including coordination issues, mechanical issues, security hardware, and security electronics. Unlike other firms, all our Justice professionals are located in one office for the best in communication, collaboration, cost control, and scheduling for our clients. Our team has successfully completed large scale and complex projects within tight timeframes. We also have extensive experience with renovation projects. In fact, over 60% of all work done by KZF has been renovations.

Director of Justice for KZF, David E. Bostwick, AIA, LEED AP, has been involved in over 60 justice/corrections projects throughout the country. His experience includes work release centers including:

Waukesha County, WI Work Release Facility (360 beds) – Renovation of a former county hospital for use as a stand-alone work release facility.

Cass County, ND Jail (228 beds) – Includes separate work release component with a capacity of 60 inmates.

Ashland County, OH Jail (125 beds) – Includes 48-bed work release component.

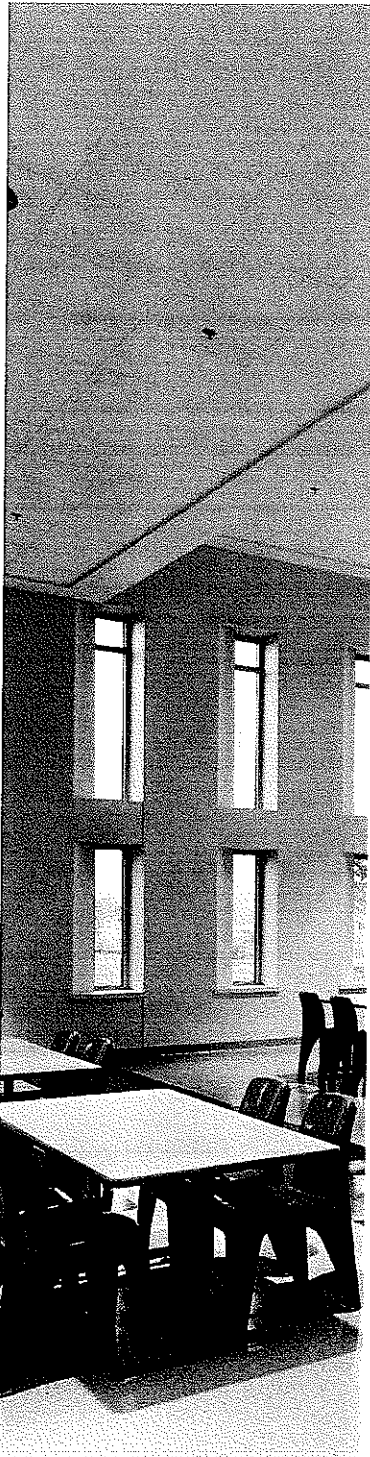
Walworth County, WI Jail (480 beds) – Design and construction of a 128-bed work release addition to an existing jail.

Dodge County, WI Jail (345 beds) – Includes a 60-bed work release component.

Door County, WI Jail (138 beds) – Includes a work release component that can house up to 40 inmates.



4.2.1 EXPERIENCE



Energy Efficient Design/ Reduced Energy Consumption

In the past 2 years the architects and mechanical engineers of KZF have designed 12 building projects - ranging in size from 26,000 to 40,000 SF - with energy usage 30% below the ASHRAE 90 1-2004 baseline standards. KZF has achieved such energy savings for our public sector clients through attention to the design of the building exterior envelope, selection of energy efficient building materials, selection of glass with a low U-value and low-E coating to reduce solar heat gain, the use of carbon dioxide monitoring systems to control ventilation air, the use of HVAC control strategies including hot water reset, the design of energy efficient lighting systems, and high efficiency motors.

KZF offers extensive expertise in the design of sustainable facilities. We have 17 in-house multidisciplinary LEED® (Leadership in Energy and Environmental Design) Accredited Professionals (APs) trained in the principles defined by the U.S. Green Building Council (USGBC) that can be utilized to further enhance the quality of your facility and your work environment. As a member of the USGBC, KZF is a leader in practicing responsible, sustainable design. We are dedicated to enhancing the long term life cycle value of our clients' projects while preserving and protecting our limited natural resources.

Benefits of the MM&A/KZF Justice team:

Detention Experience - Our staff has collectively programmed and designed detention 10,000 beds nationally.

Experience working inside Operating Facilities - Our staff has been involved in a significant number of renovation projects for jails and correctional facilities. We understand the special planning needed for safety and security.

Site/Civil Engineering - The MMA/KZF team has the engineering expertise for new construction site, civil and structural engineering.

HVAC Replacement/Electrical Design - We have all the required services in-house and available to your project.

Renovation Project Experience - KZF has consistently been named as one of the top 50 renovation architects in the United States.

West Virginia Presence - Our team is lead by Marshall Miller & Associates of West Virginia to lend civil and structural consulting services as well as being your point of contact for Project Management and Construction Administration.



4.2.1 REFERENCES



Marshall Miller & Associates

Mr. Kevin F. Wall, Vice President and Chief Engineer

Natural Resource Partners, L.C.

P.O. Box 2827, 1035 3rd Avenue, Suite 300

Huntington, WV 25726

304 522 5757

Mr. William B. Raney, President

West Virginia Coal Association

200 Association Drive, #160

Charleston, WV 25311

304 342 4153

Mr. David Turnbull

North Point Resources

1582 Virginia Street, East

Charleston, WV, 25311

304.859.7588

KZF Design

Mr. Ed Porter, Senior Project Manager

Project: Federal Bureau of Prisons, Hazelton Secure Women's Facility

PJ Dick, Inc

RR3, P.O. Box 69 M

Hazelton, WV 26525

304 379 1285

Mr. Steven L. Skaggs, PE, Project Engineer

Project: US Army Corps of Engineers, US TRANSCOM Facilities, Scott AFB, IL

US Army Corps of Engineers, Louisville District

600 Dr. Martin Luther King, Jr Drive

Louisville, KY 40202-0059

502 315 6368

Mr. Lynn Raque, Design Manager

Project: US Army Corps of Engineers, Human Performance Wing, Wright-Patterson AFB, OH

US Army Corps of Engineers, Louisville District

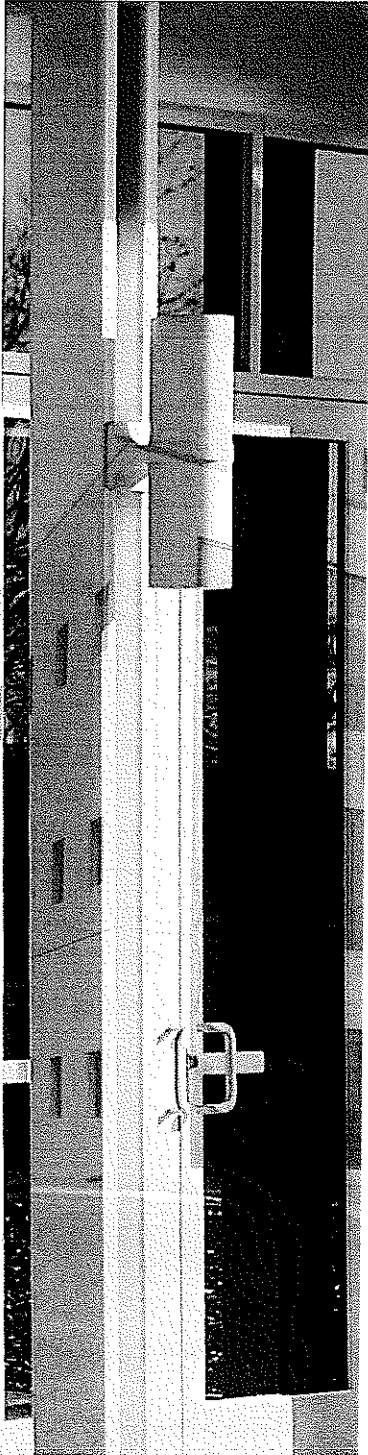
600 Dr. Martin Luther King, Jr Drive

Louisville, KY 40202-0059

502 315 6367



4.2.1 PROJECT EXPERIENCE



Past Performance: Correctional Facility Design and Renovation

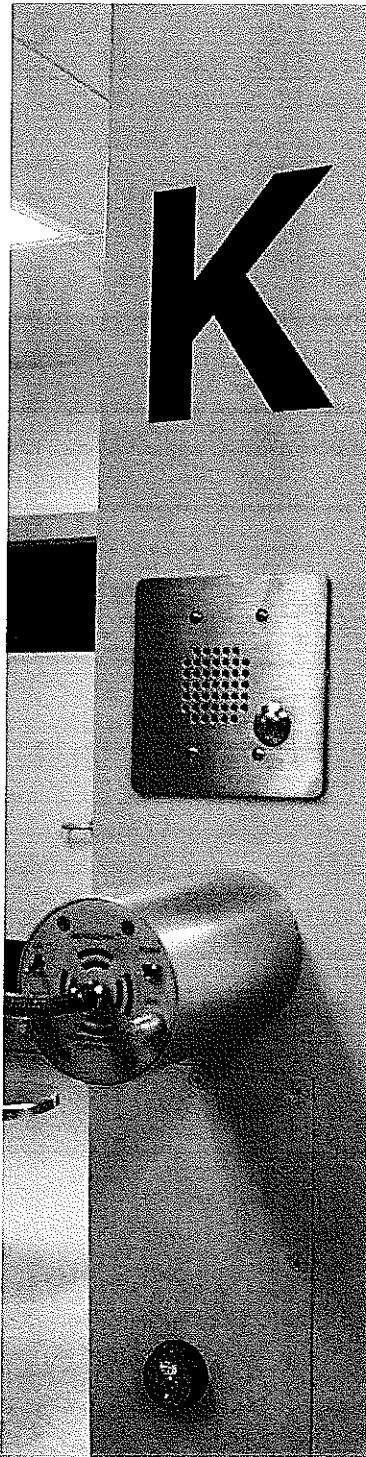
Our Team has been involved in the development of more than 10,000 correctional beds totaling over \$1B of construction over the past 20 years. This experience has taught us that successful correctional projects start with an understanding of the unique needs of each facility in terms of operations and security, as they will guide design, specifications, and construction of each task. Our approach to your various projects will be to meet with the facility users and administrators early and review all operational and security aspects that may impact the project in terms of project approach, phasing, and equipment selections so they may be incorporated into the project budget and schedule early. Understanding the unique operational characteristics of each project will make each one successful.

Federal Bureau of Prisons, Hazelton Penitentiary and Federal Prison Camp; Hazelton, WV. KZF Design was lead architect and engineer as part of the Design/Build team that constructed this \$129M corrections facility. The prison is a 650,000 SF maximum-security institution with 888 cells and support facilities. In addition, a 27,000 SF minimum-security Federal Prison Camp with living units and support facilities for a rated capacity of 128 inmates is located outside the secure compound along with a central warehouse, garage maintenance building and firing range. There are a total of 1,088 beds. The 996-acre site was topographically challenging. The site had been strip mined in some areas and required remediation.

Federal Bureau of Prisons, Hazelton Secure Women's Facility; Hazelton, WV. KZF was the lead architect and engineer, as part of a Design/Build team, for a new Secure Women's Facility on a 966-acre site. The Secure Women's Facility is a first generation federal facility prototype developed specifically for women. The facility is similar to other federal correctional institutions with individual housing buildings centered on an open courtyard in a campus-like plan and support spaces wrapping around the courtyard on the remaining three sides. The Secure Women's Facility has a rated capacity of 512 inmates housed in one of two housing buildings, each contains 128 cells. An additional 16 cells are provided in the Special Housing Unit. The total gross building area is over 200,000 SF.

Federal Bureau of Prisons, Hazelton Contact Center; Hazelton, WV. KZF provided architectural and engineering design services to develop the additional 18,000 SF, \$5M Unicor Contact Center, at the Secure Female Facility in Hazelton, WV as part of a Design/Build contract.

4.2.1 PROJECT EXPERIENCE



Federal Bureau of Prisons, Federal Correctional Institution Design Build RFP; Forrest City, AR. In collaboration with the FBOP, KZF assisted in developing a D/B RFP for a \$10M, 67,000 SF, 256-bed minimum-security camp at the location of an existing Federal Correctional Institution. The facility included housing and support services for inmates and staff. KZF helped develop design criteria, schedules, and procedures for the project.

Federal Bureau of Prisons, Elkton Correctional Institution and Federal Prison Camp; Elkton, OH. KZF provided architectural and engineering services for a new 575,000 SF, 15-building, \$69M Federal Correctional Institution. The facility houses 1,536 males in the Low Security institution and 512 males in the adjacent minimum security Federal Prison Camp. The facility is located on a 360-acre previously undeveloped, rolling rural site in northeast Ohio. The project was the first Federal Correctional Facility in the State of Ohio, and received an "excellent" performance rating from the Federal Bureau of Prisons.

Federal Bureau of Prisons, Big Sandy Penitentiary and Federal Prison Camp; Inez, KY. KZF was Lead architectural and engineering component of the D/B team that constructed this \$146M facility for the FBOP. With 864 cells, the facility has a total building area of approximately 677,000 SF in a compound plan consisting of one and two-story program buildings, a Federal Prison Industries factory, and three, four-story general housing buildings enclosed in a continuous secure corridor surrounding an interior compound. In addition, a 27,000 SF minimum-security prison camp with a rated capacity of 128 inmates is located outside the secure compound.

Federal Bureau of Prisons, Big Sandy Penitentiary Security Upgrades; Inez, KY. Architectural, civil, mechanical and electrical design for security upgrades in the special housing unit and secure yard, including security gates and sallyport vestibules.

Hamilton County Commissioners, Hamilton County Jail; Cincinnati, OH. This \$6.7M project consists of the design and construction of an 1800 bed, full service jail. The 2,900 bed master plan will contain approximately 800,000 GSF.

Ohio Reformatory for Women, Honor Dormitory; Marysville, OH. Architectural and engineering services for a \$4M, 40,000 SF, 150-bed facility located on a 10-acre site grouped into three 50-bed wings off a common day room for active and passive recreation. In addition to dormitory facilities, the building includes a full service kitchen, dining room, classrooms and administrative offices.

Trumbull Correctional Institution, Men's Honor Dormitory; Trumbull County, OH. Preliminary design for this facility, modeled after the Marysville Honor Dormitory as a 150-



4.2.1 PROJECT EXPERIENCE



bed facility. In addition to administrative and miscellaneous functions found at Marysville, this facility's design includes disciplinary control facilities, outdoor recreation facilities, and a weight/recreation room. The \$4.5M facility was planned for approximately 40,000 SF on a 10-acre site.

Hamilton County Commissioners, Minimum Security Facility; Cincinnati, OH. Architectural and engineering services for a new \$75M, 1,500-bed minimum-security and work release facility designed for the site of the former Community Correctional Institution. The facility was comprised of dormitory living units for co-ed inmates and program space for the Turning Point alcohol treatment and work release programs. The five-story, four-winged building was designed to surround an interior two-acre courtyard and to blend compatibly with the surrounding residential neighborhood. While the facility was bid well under KZF Design's estimate, the County elected not to build the facility at the time.

Municipal Police Facility; Cheviot, OH. Architectural and engineering design of a new municipal building including police facility, holding cells, fire station, and city offices.


Community-Based Correctional Facility; Cincinnati, OH. Programming and concept design for a new 100-bed, minimum-security detention center for third and fourth-degree felons. This alternative to state imprisonment offers a variety of highly structured rehabilitation programs.


Highland County Board of Commissioners, Highland County Justice Center; Hillsboro, OH. KZF assisted the Highland County Board of Commissioners and Sheriff's Department in its application for State funding through the Ohio Department of Rehabilitation and Correction grants program. KZF's role included defining programmatic requirements and estimated construction costs for a 60-bed facility. KZF was subsequently selected to design the new \$6.4M, 42,000 SF facility. In addition to the 60-bed (30 cells, 30 dormitory beds) multi-classification jail, the project includes the Highland County Sheriff's Department offices and dispatch center and county-wide 911 system, and the City of Hillsboro's Municipal Court.

Ohio Department of Youth Services, Marion Juvenile Corrections Facility; Marion, OH. KZF was the architect and engineer for a new \$30M, 240-bed maximum security facility for the Ohio Department of Youth Services, housing youths from age 14-20 from all 88 Ohio counties convicted of serious felony level offenses as well as those with special problems. The facility's 50-acre campus plan consists of six buildings, including housing, classrooms, industries, food service and administration. All housing is in single-bed cells with three maximum security classification levels-Transition (36 beds), General Population (168 beds) and Maximum Secure (36 beds).

**WEST VIRGINIA
DIVISION OF
CORRECTIONS**

**WORK RELEASE/
TRAINING CENTERS**


Project Management
William Dickey, Jr, PE
Project Manager/Structural Engineering
Brien J. Kilkenny

KZF DESIGN 

David E. Bostwick, AIA, LEED AP
Design Architect/KZF Lead


Robert J. Schmitz, RA
Project Architect

William H. Wilson, III, AIA
Architecture/Quality Control

Joseph C. Nader, PE
Mechanical Engineer

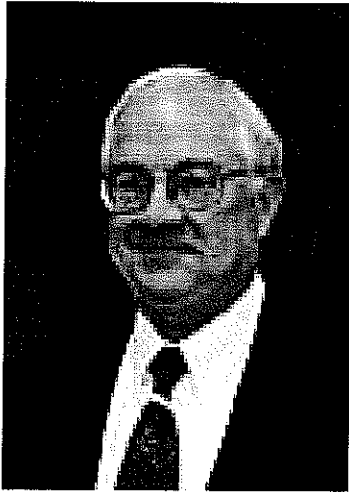
Purushottam Patel, PE
Electrical Engineer

Fred Julian
Cost Estimating


Marshall Miller & Associates
Travis Cantley, PE
Civil Engineering
Mark Clemons
Construction Administration



4.2.2
EXPERIENCE



William O. Dickey, PE
PROJECT MANAGER/STRUCTURAL ENGINEER

Bachelor of Science – Civil Engineering
Drexel University, Philadelphia, Pennsylvania, 1966
Master of Science – Civil Engineering
Lehigh University, Bethlehem, Pennsylvania, 1972

Background:

2007 – Present / Vice President Civil & Structural Engineering /
Marshall Miller & Associates, Inc., Beckley, WV
2000 – 2006 / Vice President Structural Services / Executive
Vice President & COO / L.A. Gates Company, Beckley, WV
1990 – 2000 / Senior Project Manager / Group Manager /
Associate / Bergmann Associates, Rochester, NY
1986 – 1989 / Manager, Structural Engineering
EMJ/McFarland Johnson Engineers, Inc., Binghamton, NY
1966 – 1986 / Engineer / Project Engineer / Consulting
Engineer/ Bethlehem Steel Corporation, Bethlehem, PA

Certifications:

Professional Engineer: VA, WV, OH, PA, MD, NC
NBIS Certified Bridge Inspection Team Leader

Selected Buildings & Specialty Structures Projects:

Stonewall Jackson Hotel Renovation & Addition, Staunton, VA
Pocahontas High School Auditorium, Dunmore, WV
H & C Coffee Sign Restoration, Roanoke, VA
J.A. Baker Institute Addition, Cornell University, Ithaca, NY



Selected Site Development Projects:

- Longview Power Plant, Madsville, West Virginia
- Ambulatory Surgery Center, Bluefield, Virginia
- Winding View Subdivision, Sophia, West Virginia
- Walmart, Lewisburg, West Virginia
- ABB Parking Lots, ABB, Bland, Virginia

Selected Forensic Evaluation & Professional Witness Projects:

- Mediation Services for Metal Building Litigation, Beckley, West Virginia
- Professional Witness Services Metal Building Construction Claim, Huntington, West Virginia



4.2.2
EXPERIENCE

Brien J. Kilkenney
Assistant PROJECT MANAGER

Education:

Bachelor of Science – History University of the State of New York, Albany,
NY - 1985

Background:

2007 – Present Senior Project Manager Marshall Miller & Associates, Inc ,
Cleveland, OH

2006 – 2007 General Manager Liberty Tire Recycling, LLC, Minerva, OH

2005 – 2006 Project Manager The Environmental Quality Company, Boston
Heights, OH

1996 – 2005 Remediation Project Manager AWS Remediation, LLC,
Saxonburg, PA

1995 – 1996 Construction Manager Superior Environmental Corporation,
Tallmadge, OH

1987 – 1995 Project Manager / Regional Operations Superintendent / Site
Supervisor OHM Corporation, Findlay, OH

1983 – 1987 Marine Science Technician US Coast Guard, San Francisco,
CA

Professional Experience:

2007 – Present Program Manager for the MMA-PCI Agreement, managing
the day to day operations for, with and between PCI and MMA. Program
Manager for the Mentor-Protégé relationship between Marshall Miller &
Associates and The Meadows Group

2006 – 2007 Responsible for the over-all management of a multi-million
dollar business including collection, transportation and recycling of five
million scrap tires Operation, reporting and licensing of state regulated
scrap tire mono-fill. Management of state funded abandoned tire site
cleanups



BRIEN KILKENNY EXPERIENCE

2005 – 2006 Served as Project Manager for the Cuyahoga Valley National Park clean-up site; project included excavation, segregation, and disposal of over 200,000 tons of contaminated soil, verification sampling and analysis. Management of this multi year contract required detailed narrative invoicing to meet with guaranteed remediation insurance requirements, and the management of multiple contractors and subcontractors, as well as interaction with several federal, state, and local government agencies

1996 – 2005 Responsible for profit and loss, personnel and resource scheduling, waste transportation and disposal, estimating and proposal development, subcontractor management, and contract negotiations on both commercial and government funded remediation projects in Pennsylvania, Ohio,

West Virginia, Vermont and suburban Washington, D C Particular emphasis on US Army Corps of Engineers Formerly Used Defense Sites (FUDS) projects. Projects range in value up to four million dollars.

1995 – 1996 Overall responsibility for various projects in the upper mid-west; proposal preparation and estimating project management, invoicing and collections for a variety of private sector clients; operations management for the installation of a leachate and groundwater collection and treatment system as part of a Superfund mandated landfill closure project.

1987 – 1995 As Project Manager, responsible for scope, schedule and cost of projects for both private and public sector clients; managed projects for the U.S Army Corps of Engineers, U S Navy Atlantic Division, and the Pennsylvania Department of Environmental Resources Program Manager for Conrail projects in Pennsylvania and Ohio. As Regional Operations Superintendent, handled project site management and administration throughout the Midwest region as well as, site evaluation, cost estimating and proposal development, contract negotiation, and site management of projects up to seventeen million dollars in gross revenue. As Site Supervisor, responsible for project site operations including: Health and Safety, subcontractor selection and management, client relations, and interaction with regulatory agencies Project responsibility included up to seven and one half million dollars gross revenue and up to 120 on-site staff.

1983 – 1987 Worked in all phases of oil and hazardous material response. Involved in over 500 oil spill cases around the world; trained in Marine Environmental Protection, chemical chemical information databases, and computer release-modeling systems



4.2.2
EXPERIENCE

**Travis B. Cantley, PE
CIVIL ENGINEER**

Education

B S. / Civil Engineering / 1994

Certifications:

Professional Engineer: WV, TN

Virginia / MSHA 8 Hour Annual Refresher

Background:

Travis has been performing highway and road design since graduating from West Virginia Tech in 1994. This work included all phases of design from alignment studies through traffic control and signal design to final construction. A partial list of projects includes:

1. Studies for the Sutton to Webster Springs, Clarksburg to Grafton, and Man to Lagan road alignments.
2. The \$60 million Coalfields Expressway for the WVDOH.
3. The \$50 million East Beckley Bypass for the WVDOH.

Travis also has managed or designed stormwater control projects, functioned as a survey party chief, construction inspector for a 12 mile interceptor sewer project, and design the golf cart tunnel under US 60 at the Greenbrier Sporting Club.



Under Travis's direction, his design team received the West Virginia Department of Transportation's Engineering Excellence Award.

Experience:

Bluefield Regional Medical Center Roadway and Drainage Upgrades; Bluefield, WV. – 2007 - Design modifications for Bluefield Regional Medical Center's access road. Meet with city and contractor regarding construction to VDOT standards. Also meet with VDOT regarding standards for access road. Prepare scope of work and cost proposal. Perform drainage computation and provide civil coordination and design.

Road Design and Geotechnical Services; Concord, VA - 2008 - Provided project coordination and civil design services for the relocation of a road to a new location.

Corbin Yard Tank Truck Loading/Unloading Containment Pad; Corbin, KY – ongoing - Providing construction oversight, project coordination; and provide civil design engineering services.

Winding View Subdivision Water Distribution System; Sophia, WV – 2007-2008 - Prepared NPDES permit; design centerline profiles; coordinate with CADD technician on mapping, location of proposed water tank; and provide civil design and coordination.



4.2.2
EXPERIENCE

Mark Todd Clemons
CONSTRUCTION ADMINISTRATOR

Education:

Bachelor of Science – Civil Engineering Technology Bluefield State College, Bluefield, WV, 2002

Associate of Science – General Education Bluefield State College, Bluefield, WV, 2002

Associate of Science – Civil Engineering Technology Bluefield State College, Bluefield, WV, 1992

Background:

1996 – Present Project Engineer Marshall Miller & Associates, Inc , Bluefield, VA

1995 – 1996 Civil Engineering Technician KBK Enterprises, Inc , Kennesaw, GA

1993 – 1995 Machinist & Safety Valve Technician Henze Services, Inc., Norfolk, VA

1992 – 1993 Quality Control Technician Eastern Vault Company, Princeton, WV

1988 – 1992 Surveying Technician T.C Surveying & Mapping, Princeton, WV

Certifications:

OSHA 40-Hour Health and Safety Training (29 CFR 1910.120), Refresher Training, January 2008.

Roadway Worker Protection Training (DOT 49 CFR 214), Refresher Training, May 2007.

MSHA Impoundment Inspector; Refresher Training, June 2005

WVDOH – Portland Cement Concrete Inspector, since April 2000.



VDOT – Hydraulic Cement Concrete Inspector, Refresher Training,
December 2009

Virginia DCR – Erosion / Sediment Control, RLD, Certification No.
13949, expires May 2008.

Experience:

**Responsible for project development/management on civil,
environmental, and geotechnical projects while performing a
variety of tasks in engineering and design.**

Alcoa – Badin, NC Construction Management and Inspection

Services - Provided construction management and inspection services for a landfill that comprised of 25,000 cubic yards of placed earthen material. In addition, provided coordination and inspection of 180,000 sf of geomembrane/geosynthetic material for landfill cap. Other duties included performing erosion and sediment control inspections and oversee compliance with Federal, State and Local environmental permits.

Foundation Coal Corporation – Raleigh County, WV Construction Management Drainage Project

- Provided design and construction management services on properties to improve drainage and alleviate impacted areas containing surficial water. Design services included construction layout of drain tile system, access roads, and erosion control devices.

Pearson Funeral Home – Gasburg, VA Parking Lot Design - Provided design services for a 4.71 acre parking lot. Services included drainage analysis and entrance road approach.

First Community Bank – Princeton, WV Site Development Project

- Provided design services for 1.50 acre parking lot. Services included storm water drainage, sewer connections, landscaping, and coordination with local utilities.

Bluefield Regional Medical Center – Bluefield, VA Site Development Project

- Provided design services for an 18.50 acre parcel comprised of 235,000 cubic yards of earth placement utilized for an ambulatory surgery center. Services included preparation of erosion and sediment control, grading, and drainage plans. On-site coordination with local, state, and federal regulators for obtaining environmental and construction related permits.



4.2.2
EXPERIENCE



**David E. Bostwick, AIA, LEED® AP
DESIGN ARCHITECT**

Mr. Bostwick is one of the most experienced justice facility designers in the country, having been involved with the development of more than 40 facilities throughout the United States. His design work includes adult detention, juvenile detention, court facilities, and law enforcement facilities. Clients are not only impressed with his technical knowledge and design skill, but also his patience and willingness to listen to develop the best solutions possible.

PROJECT EXAMPLES

Guilford County Courthouse Expansion - Greensboro, North Carolina

Conducted a needs assessment for the county's two courthouses in High Point and Greensboro. Work included an analysis of criminal caseload trends, a functional assessment of the facilities, departmental space projections, and development of a master plan concept to meet growth needs for the next 25 years. Mr. Bostwick also completed a renovation design of the Greensboro courthouse adding three new high-volume courtrooms and new offices for the district court judges.

Winnebago County Jail and Sheriff's Facility - Oshkosh, Wisconsin

This 338-bed direct supervision facility includes sheriff's law enforcement and an E-911 dispatch center. Planned expansion will bring capacity to over 800 beds. Total square footage is 209,000 GSF. Mr. Bostwick directed pre-architectural programming with large user groups and developed the architectural design.

Ashland County Jail and Sheriff's Facility - Ashland, Ohio

A 127-bed jail facility with sheriff's law enforcement and E-911 dispatch center. Considered by the Sheriff's department to be the best small jail in Ohio. Work tasks provided by Mr. Bostwick included pre-architectural programming with jail and law enforcement staff, architectural design, and security systems design.

Kankakee County Jail - Kankakee, Illinois

This 312-bed facility has one direct supervision dormitory, three podular remote pods using both single and double occupancy cells, and one podular remote pod incorporating dormitories. To minimize inmate

DAVID BOSTWICK, AIA EXPERIENCE

movement and staffing needs, pods include visiting, indoor and outdoor exercise, sick call and counseling rooms. The facility was designed to accommodate the addition of a sheriff's facility (later constructed) and up to 500 additional beds. Mr. Bostwick assisted with the architectural design and developed the security systems design.

St. Charles County Jail Expansion - St. Charles, Missouri

This project created new medium security jail housing units in the vacated sheriff's administration areas of the existing St. Charles Justice Center. A total of 136 beds divided among six housing units were added within the existing three-story building envelope using prefabricated modular steel cells. The project included an upgrade of the jail facility's security electronics system including a new intercom system, CCTV video system with digital video recording (DVR), and new touch screen user interfaces. Mr. Bostwick designed the renovation and specified the modular cells, locking systems, and electronic security systems upgrade.

OTHER DESIGN EXPERIENCE

Guilford County Courthouse Expansion, Greensboro, North Carolina, 2008
Designer: David Bostwick, Kimme & Associates - Champaign, Illinois
Architect of Record: J. Hyatt Hammond Associates, Greensboro - North Carolina

St. Charles County Jail Expansion, St. Charles, Missouri, 2007 Designer: David Bostwick, Kimme & Associates - Champaign, Illinois
Architect of Record: Arcturis - St. Louis, Missouri

Winnebago County Jail and Sheriff's Facility, Oshkosh, Wisconsin, 2003
Designer: David Bostwick, Kimme & Associates - Champaign, Illinois
Architect of Record: Venture Architects - Milwaukee, Wisconsin

Waukesha County Huber (Work Release) Facility, Waukesha, Wisconsin, 1994. Designer: David Bostwick, Kimme & Associates - Champaign, Illinois
Architect of Record: Torke, Wirth, Pujara - Waukesha, Wisconsin

Will County Adult Detention Facility Expansion, Joliet, Illinois, 2007
Designers: Dennis Kimme and David Bostwick, Kimme & Associates - Champaign, Illinois
Architect of Record: Stromsland & DeYoung Architects - Joliet, Illinois

Kendall County Courthouse Expansion, Yorkville, Illinois, 2007. Designers: Dennis Kimme and David Bostwick, Kimme & Associates - Champaign, Illinois
Architect of Record: Kluber+Skahan Architects - Batavia, Illinois

PUBLICATIONS

Dennis Kimme, Gary Bowker, David Bostwick, and Robert Deichman. *Jail Design Guide: A Resource for Small and Medium-Sized Jails*: US Department of Justice, National Institute of Corrections, 1998

4.2.2
EXPERIENCE



Robert J. Schmitz, RA
PROJECT ARCHITECT

Bob Schmitz is the Director of Architecture at KZF. He is responsible for leading the architectural team as a senior project architect, preparing drawings and specifications, reviewing shop drawings, and coordinating architectural aspects of a project with other disciplines. He has worked on a variety of project types including correctional facilities, dormitories, commercial/retail facilities, educational facilities, municipal buildings, office buildings, and parking garages. Bob began his career at KZF in 1984 with a special expertise in Computer Aided Design (CAD) and continues to provide quality control over KZF Design's computer standards. He has also had various classes and training in Building Information Modeling (BIM) and serves as the BIM Manager for KZF, providing in-house training and quality control on all BIM projects.

PROJECT EXAMPLES

Federal Bureau of Prisons, Elkton Correctional Institution and Federal Prison Camp; Elkton, OH. KZF provided architectural and engineering services for a new 1,536-bed low security Federal Correctional Institution and 512-bed minimum security Federal Prison Camp. The 575,000 SF, 15-building, \$69M facility is located on a 360-acre, previously undeveloped, rolling rural site in northeast Ohio. The project was the first Federal Correctional Facility in the State of Ohio, and received an "excellent" performance rating from the Federal Bureau of Prisons.

Federal Bureau of Prisons, Big Sandy Penitentiary and Federal Prison Camp; Inez, KY. KZF Design provided lead A/E in association as part of a design/build team, for a new \$146M, 677,000 SF maximum-security prison consisting of 864 cells and an adjacent 27,000 SF, 128-bed minimum-security camp. This is the largest and most complex design/build project recently developed by the Federal Bureau of Prisons.

Hamilton County Commissioners, Minimum Security Facility; Cincinnati, OH. KZF provided architectural and engineering services for a new five-story, \$75M, 1,500-bed minimum-security and work release facility for Ohio's third largest county. The project was comprised of dormitory living units for co-ed inmates and program space for the Turning Point alcohol treatment and work release programs.

Ohio Department of Rehabilitation and Corrections, Warren County Correctional Institution; Lebanon, OH. Mechanical and electrical design, as a consultant to Lorenz and Williams, for this 375,000 SF men's reformatory and reception center complex consisting of eleven buildings located on a 40-acre site

Warren County Board of Commissioners, Warren County Justice Center; Lebanon, OH. A/E services including programming, planning and design were provided for this \$6.5M, 50,000 SF addition and alteration to the Warren County Justice Center, a full service, direct supervision jail. A total of 170 new beds were added, with 60 misdemeanor dormitory beds, 96 medium/maximum security cells in a two-story pod, an orientation area and conversion of 14 beds for females. KZF was later asked to provide design services for other renovations at the facility including the addition of a front entry lobby and parking lot, as well as replacement of the existing roof, gutters and soffits

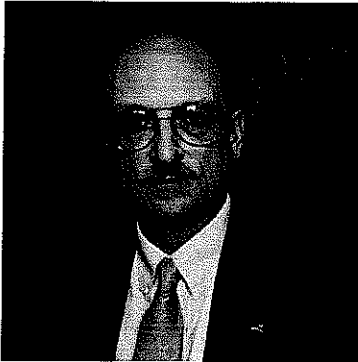
Ohio Air National Guard, Marysville Armory Training and Community Center; Marysville, OH. KZF Design provided full A/E services for a new, 42,000 SF, \$7.9M facility located adjacent to the Marysville YMCA. Facilities include vehicle storage, maintenance and repair, parts storage, administrative areas, heated storage areas with a shared arms vault, an Assembly Hall, a kitchen, classrooms, learning center, library, lockers and shower facilities. Facility meets ADA and Force Protection standards and is capable of achieving LEED® certification.

Kenton County, Kentucky, Justice Center and Parking Garage; Covington, KY. KZF provided A/E services, in association with Corporex Companies as part of a design/build team, for a new \$27M, six-story, 135,000 SF justice center containing court rooms, associated holding facilities and a new 1,600-car parking garage which serves both the justice center and the nearby Northern Kentucky Convention Center

City of Lawrenceburg, Safety Building; Lawrenceburg, IN. KZF provided a detailed space needs analysis and design for a new \$4M, 33,000 SF, two-level, multi-purpose Safety Building to be located on approximately two acres on Walnut Street in downtown Lawrenceburg, Indiana. The design proposed facilities for the Police Department, Fire Department and community access for the general public. KZF completed programming, design and construction documents for the facility. Although it was not built, it served as a model for a new fire station subsequently being designed by KZF

University of Cincinnati, Campus Recreation Center and Student Housing Complex. KZF was the Architect of Record, working with internationally-acclaimed architect and 2005 Pritzker Award Winner, Thom Mayne of Morphosis. Situated on a highly impacted 3.4-acre site, the 353,000 SF structure is actually comprised of three buildings in one - each serving a separate programmatic purpose and having a unique form derived from site conditions. LEED® Certified.

4.2.2
EXPERIENCE



William H. Wilson, III, AIA
ARCHITECT/QUALITY CONTROL

Bill Wilson is President/CEO of KZF Design, and has been with the company since 1985. Bill came to KZF as a Project Architect from another large A/E firm. He has filled many positions since joining KZF, including Senior Project Architect, Architectural Chief, Manager of Technical Operations and member of the Board of Directors and Executive Committee. He has a great deal of expertise in highly technical and complex buildings including computer centers, laboratories, athletic/recreation facilities and office buildings. As President and CEO, Bill's responsibilities include overseeing all departments, divisions and operations of KZF Design. ***In addition, Bill Wilson is a Registered Architect in the State of West Virginia.***

PROJECT EXAMPLES

US Army Corps of Engineers Louisville District, Human Performance Wing Facility Infrastructure and Upgrade, Wright-Patterson AFB. KZF Design, as part of a joint venture, provided programming, planning and concept site development of a BRAC initiative to realign and relocate the U.S. Air Force School of Aerospace Medicine (USAFSAM), Air Force Research Laboratories (AFRL) and Navy Medical Research Laboratories (NAMRL) from 3 separate locations to Wright-Patterson AFB. This new \$240M, 680,000 SF complex will comprise the newly configured USAF Human Performance Wing (HPW). Building Site Plan Development included programming of space requirements for each organization and concept building and site development of for the new HPW Complex. The project included the development of a Design/Build RFP to upgrade and replace existing Base utility systems and roadways to support the planned HPW building, and the development of the Design/Build RFP for the HPW complex.

US Army Corps of Engineers, Louisville District, Wright-Patterson AFB, Human Performance Wing RFP. The Human Performance Wing Complex (HPW) Request For Proposal (RFP) is an example of KZF Design's ability to bring together and coordinate a very complex team of architects, engineers and clients. This culminated in an RFP used by the US Army Corps of Engineers and the US Air Force to bid 680,000 SF of specialized laboratories, educational facilities and research facilities at Wright-Patterson AFB, to three separate teams of Design/Builders.

WILLIAM H. WILSON, III, AIA EXPERIENCE

US Army Corps of Engineers, Louisville District, Special Operations

Intelligence Facility. KZF Design provided comprehensive architectural and engineering services for a new 26,000 SF, two-story addition to the Special Operations Intelligence Facility. The facility is an addition to the National Aerospace Intelligence Facility and is designed to meet the Department of Defense's Top Secret SCIF requirements.

University of Cincinnati, Engineering Research Center; Cincinnati, OH.

KZF was the Architect of Record, responsible for all project management, engineering, and architectural construction documents for a new \$40M, six-story, 175,000 gross SF Engineering Research Center at the University of Cincinnati, completed in June 1995. Included are 110 laboratories, 89 faculty offices, 200 graduate student offices, and 13 seminar/lounge/conference rooms. The facility houses interdisciplinary research projects in microelectronics, computing, environmental, materials, aerospace, and biosciences, and instructional programs for the science and engineering departments.

University of Cincinnati, Campus Recreation Center and Student Housing Complex; Cincinnati, OH

In an ambitious effort to transform a traditionally commuter-oriented educational setting into a "campus life" environment, the University of Cincinnati has envisioned three new buildings - Tangeman University Center, Student Life Center and the Campus Recreation Center - stitched together along a path called the Main Street. KZF Design was the Architect of Record, working with internationally-acclaimed architect and 2005 Pritzker Award Winner, Thom Mayne of Morphosis. Situated on a highly impacted 3.4-acre site, the 353,000 SF structure is actually comprised of three buildings in one - each serving a separate programmatic purpose and having a unique form derived from site conditions. **LEED® Certified.**

US Army Corps of Engineers, Louisville District, Logistical Systems

Operations Center; Wright-Patterson AFB, OH. Architectural, engineering and comprehensive interior design services were provided for a new \$22M, 106,000 SF data and telecommunications center to serve as the headquarters installation for the USAF Materiel Command. In addition to the sophisticated technical and security requirements dictated by its strategic military mission, the facility is sited on a very prominent location at the base and was designed to express a new aesthetic design vocabulary.

4.2.2
EXPERIENCE



**Joseph C. Nader, PE
MECHANICAL ENGINEER**

As KZF's Director of Mechanical Engineering Services, Joe Nader is responsible for providing technical management, leadership, professional development, and education to all members of the firm's Mechanical Engineering discipline. Joe also provides Quality Control for Mechanical Engineering. Joe has special expertise in reviewing codes for projects involving mechanical, electrical, plumbing and central plant design for HVAC work. He has worked with all of the firm's client types, including correctional, educational, transportation, infrastructure, commercial, industrial, justice, government and corporate. ***In addition, Joe is a Licensed Professional Engineer in the State of West Virginia.***

Federal Bureau of Prisons, Hazelton Penitentiary and Federal Prison Camp; Hazelton, WV. KZF Design provided A/E services, as part of a Design/Build team, for the new \$129M, 650,000 SF, 1,088-bed, maximum-security corrections facility. The project includes a 27,000 SF minimum-security Federal Prison Camp with living units and support facilities for 128 inmates located outside the secure compound.

Federal Bureau of Prisons, Hazelton Secure Women's Facility; Hazelton, WV. KZF provided project management, architectural and structural design, as part of a Design/Build team, for a new \$69M, 250,000 SF 512-bed low-security women's facility located on a 990-acre site adjacent to the US Penitentiary at Hazelton.

Federal Bureau of Prisons, Hazelton Secured Women's Facility Mechanical Engineering; Hazelton, WV. KZF provided mechanical systems design, including HVAC and plumbing, for a new 250,000 SF, 512-bed low-security women's facility.

Federal Bureau of Prisons, Hazelton Contact Center; Bruceton Mills, WV. KZF provided architectural and engineering design services to develop the additional 18,000 SF, \$5M Unicor Contact Center, at the Secure Female Facility in Hazelton, WV as part of a Design/Build contract. The FBOP decided to advertise the project and contracted the original design team to convert the documents from Design/Build to Design/Bid/Build.

Federal Bureau of Prisons, Grand Prairie Regional Office Consolidation Phase II; Grand Prairie, TX.

KZF provided multidiscipline architecture and engineering services as part of a Design/Build team for this \$2.5M project, a follow-up to the first phase performed in 2003. This second phase involved the interior renovation and change of use for an existing three-story barracks building into office space for the FBOP's Regional Office. The project also includes an addition, a roof replacement and window replacement.

Federal Bureau of Prisons, Grand Prairie III DSCC; Grand Prairie, TX.

KZF provided architectural, civil, mechanical and electrical design for security upgrades in the special housing unit and secure yard of the penitentiary, including security gates and sallyport vestibules.

Federal Bureau of Prisons, Big Sandy Penitentiary and Federal Prison Camp; Inez, KY.

KZF provided lead A/E as part of a design/build team, for a new \$146M, 677,000 SF maximum-security prison consisting of 864 cells and an adjacent 27,000 SF, 128-bed minimum-security camp.

Highland County Board of Commissioners, Highland County Justice Center; Hillsboro, OH.

KZF provided full A/E services for a new \$6.4M, 60-bed, 42,000 SF justice center, which contains both male and female inmates. The facility also houses the Highland County Sheriff's Department offices and dispatch center, county-wide 911 system and the City of Hillsboro's Municipal Court.

Kentucky Department of Engineering, Ashland National Guard Armory HVAC Renovation; Ashland, KY.

KZF provided Mechanical, Electrical and Plumbing engineering services for the HVAC and electrical upgrades of a National Guard Armory. Project elements included new single-zone HVAC systems consisting of gas fired high efficiency furnace, ductless split systems, infrared heaters, outdoor DX condensing units, electric baseboard, electric cabinet heaters, distribution duct work, new 2x2 acoustical ceiling tiles, electrical connection and service to all new HVAC systems, new electric panels, new trip elements in main switchgear and an increase in existing main electric service.

Ohio Air National Guard, Marysville Armory Training and Community Center; Marysville, OH.

KZF provided full A/E services for a new, 42,000 SF, \$7.978M facility located adjacent to the Marysville YMCA. Facilities include vehicle storage, maintenance and repair, parts storage, administrative areas for two companies, heated storage areas with a shared arms vault, an Assembly Hall sized to accommodate basketball and volleyball, a kitchen, classrooms, learning center, library, lockers and shower facilities. Facility meets ADA and Force Protection standards and is capable of **achieving LEED® certification.**

4.2.2
EXPERIENCE



Purushottam Patel, PE ELECTRICAL ENGINEER

Purushottam Patel is the Director of Electrical Engineering Services responsible for guiding the electrical design discipline to design quality, economic and reliable electrical systems as well as provide quality control on projects. He is an experienced electrical engineer with skills in power distribution, lighting, communications, sound systems, fire alarm systems, instrumentation, programmable logic controllers and SCADA system design. Puru's expertise is in historic renovation and expert witness testimonies. In addition, he is proficient with MicroStation, AutoCAD and other specialty software for electrical design. He continues his education by regularly attending seminars and training such as Fire Alarm Training and Harmonics and Power Quality Training. ***In addition, Puru is a Licensed Professional Engineer in the State of West Virginia.***

Federal Bureau of Prisons, Hazelton Penitentiary and Federal Prison Camp; Hazelton, WV. KZF Design provided A/E services, in association with P J Dick as part of a Design/Build team, for the new \$129M, 650,000 SF, 1,088-bed, maximum-security corrections facility. The project includes a 27,000 SF minimum-security Federal Prison Camp with living units and support facilities for 128 inmates located outside the secure compound.

Federal Bureau of Prisons, Hazelton Secure Women's Facility Electrical Engineering; Hazelton, WV. KZF provided electrical systems design, including security and communications, for a new 250,000 SF, 512-bed low-security women's facility. The Farfield Company is the electrical/division 17 subcontractor for P J Dick, Inc.

Federal Bureau of Prisons, Hazelton Contact Center; Bruceton Mills, WV. KZF provided architectural and engineering design services to develop the additional 18,000 SF, \$5M Unicolor Contact Center, at the Secure Female Facility in Hazelton, WV as part of a Design/Build contract with P J Dick. The FBOP decided to advertise the project and contracted the original design team to convert the documents from Design/Build to Design/Bid/Build.

Federal Bureau of Prisons, Big Sandy Penitentiary Security Upgrades; Inez, KY KZF provided architectural, civil, mechanical and electrical design for security upgrades in the special housing unit and secure yard of the penitentiary, including security gates and sallyport vestibules.

Federal Bureau of Prisons, Big Sandy Penitentiary and Federal Prison Camp; Inez, KY. KZF Design provided lead A/E in association with P J. Dick as part of a design/build team, for a new \$146M, 677,000 SF maximum-security prison consisting of 864 cells and an adjacent 27,000 SF, 128-bed minimum-security camp

Kentucky Department of Engineering, Ashland National Guard Armory HVAC Renovation; Ashland, KY KZF provided Mechanical, Electrical and Plumbing engineering services for HVAC and electrical upgrades of a National Guard Armory. Project elements include new single-zone HVAC systems consisting of gas fired high efficiency furnace, ductless split systems, infrared heaters, outdoor DX condensing units, electric baseboard, electric cabinet heaters, distribution duct work, new 2x2 acoustical ceiling tiles, electrical connection and service to all new HVAC systems, new electric panels, new trip elements in main switchgear and an increase in existing main electric service

Ohio Air National Guard, Marysville Armory Training and Community Center; Marysville, OH KZF provided full A/E design services for a new, 42,000 SF, \$7.978M facility located adjacent to the Marysville YMCA. Facilities include vehicle storage, maintenance and repair, parts storage, administrative areas, heated storage areas with a shared arms vault, an Assembly Hall, a kitchen, classrooms, learning center, library, lockers and shower facilities. Facility meets ADA and Force Protection standards and is capable of achieving **LEED® certification.**

Ohio Air National Guard, Squadron Operations/Communications Facility; Mansfield, OH. Architectural, civil, structural, mechanical, electrical, communications and fire protection design for new 34,000 SF Squadron Operations/Communications facility collocated with the new primary telecommunications switch installation housing flight administration activities such as flight briefing and planning. The structure also acts as a command post for wing operations of the guard's missions and shops that monitor aircrew equipment, flight safety and radio maintenance.

University of Cincinnati, Campus Recreation Center and Student Housing Complex; Cincinnati, OH. KZF was Architect of Record, working with internationally-acclaimed architect Thom Mayne of Morphosis, for a new \$80M, 353,000 SF recreation center. Other components of this three-building complex include classrooms, food service marché and student housing facilities **LEED® Certified.**

4.2.2
EXPERIENCE



Fred J. Julian COST ESTIMATING

Fred Julian has more than 25 years experience in general construction, site development, highway and bridge inspection and cost estimating. As a Cost Estimator, Fred provides initial, conceptual and detailed estimates. He monitors cost throughout the design phase to keep the clients aware and the design team within budget. Fred is MCASES certified and has worked on a variety of project types from cultural institutions to government facilities.

PROJECT EXAMPLES

Highland County Board of Commissioners, Highland County Justice Center; Hillsboro, OH. KZF provided full A/E services for a new \$6.4M, 60-bed, 42,000 SF justice center, which contains both male and female inmates. The facility also houses the Highland County Sheriff's Department offices and dispatch center, county-wide fire/police 911 system and the City of Hillsboro's Municipal Court which is equipped with a court room, jury room, offices for the Clerk of Courts, County Prosecutor and Judge's Chambers.

Ohio Air National Guard, Marysville Armory Training and Community Center; Marysville, OH. KZF provided full A/E design services for a new, 42,000 SF, \$7.978M facility located adjacent to the existing Marysville YMCA. Facilities include military vehicle storage, maintenance and repair, parts storage, administrative areas for two companies, heated storage areas for each company with a shared arms vault, an Assembly Hall sized to accommodate basketball and volleyball, a kitchen, classrooms, learning center, library, lockers and shower facilities. Facility meets ADA and Force Protection standards and is capable of achieving LEED® certification.

Ohio Air National Guard, Squadron Operations/Communications Facility; Mansfield, OH. Architectural, civil, structural, mechanical, electrical, communications and fire protection design for a new 34,000 SF Squadron Operations/Communications facility collocated with the new primary telecommunications switch installation that houses flight administration activities such as flight briefing and planning. The structure also acts as a command post for wing operations of the guard's missions and houses shops that monitor aircrew equipment, flight safety and radio maintenance.

Ohio National Guard, Woodlawn National Guard Training and Community Center; Woodlawn, OH. KZF provided programming, master planning, architectural, interior, structural, mechanical, electrical and civil design services for a new 140,000 SF National Guard armory and training center, which also houses a Village of Woodlawn community center and a Cincinnati Public Library branch

Ohio University, Putnam Hall Renovation; Athens, OH. KZF Design designed a major renovation of Putnam Hall, a 1920's vintage building on the campus of Ohio University in Athens, Ohio. Originally built as an elementary school for the University's College of Education, the building now houses OU's nationally-ranked School of Dance. The building was upgraded to a professional standard performance and studio space as part of the rehabilitation. An addition to the building was needed to provide a front entrance and lobby/lounge space

University of Cincinnati, Jefferson Residence Halls; Cincinnati, OH. KZF served as the Architect of Record and Principal Designer, providing architectural design and production, structural design, site planning, and mechanical/electrical design for the design/build housing project that consisted of three buildings, ranging between four to seven floors, providing 190,000 SF of space encompassing approximately 500 beds arranged in a mixture of single and double bedrooms. The project was coordinated through a construction manager

University of Cincinnati, Campus Recreation Center and Student Housing Complex; Cincinnati, OH KZF Design was the Architect of Record, working in association with internationally-acclaimed architect Thom Mayne of Morphosis, for a new \$80M, 353,000 SF recreation center which includes features such as a leisure pool, 50-meter varsity training/lap pool, a six-court gymnasium, climbing wall, racquetball courts, weight and fitness areas, and various multi-purpose rooms. Other components of this three-building complex include classrooms, food service marché and student housing facilities. **LEED® Certified.**

US Army Corps of Engineers, Louisville District, Wright-Patterson AFB, Occupational Health Clinic; Wright-Patterson AFB, OH. Full A/E services for a new 25,000 SF, two-story facility housing the outpatient clinics of the Occupational Health and Public Health Departments, which include lab spaces, a Disaster Response Center, administrative offices, exam rooms and storage areas

US Army Corps of Engineers, Savannah District, Robins AFB, Fire Crash Rescue; Robins AFB, GA. Preparation of a Design/Build RFP for a new 26,000 SF main fire crash rescue station along the flight line at Robins AFB and the relocation/demolition of their existing facility. New facility will include sleep, recreation and dining facilities; administration space, emergency call center with dispatch, six vehicle bays and maintenance facilities.

4.2.3
PROJECT/
CONSTRUCTION
MANAGEMENT



The Key Elements of MM&A's Management and Administrative Plan include:

1. Use of Team resources, local labor and key personnel in a flexible manner to staff the work release projects;
2. A straight-forward program organization, with appropriate authorities and corporate oversight that actively involves first tier subcontractors;
3. Project monitoring and control by means of reporting and meetings;
4. Use of multiple tools to define, plan, integrate, execute and administer all activities in a specified Scope of Work;
5. Proven project planning that focuses on safety, cost effectiveness, schedule and best use of team resources;
6. Management of rapid responses and fluctuations in work loads by team communications, the teams' "bench strength", and physical resources;
7. Assignment of a Point of Contact (POC) for each teaming partner to enhance communication, integration, planning, coordination, and execution;
8. A Corporate commitment to safety programs based upon accident prevention and safe working environments results in excellent safety ratings; and
9. A Quality Assurance program designed to insure compliance with contract requirements and an organization with the authority to enforce the program

Program Organization

The Team's program organization structure, shown in the Organization Chart, outlines the relationship between MM&A and KZF

Mr Dickey shall serve as Program Manager (PM) and is responsible for all aspects of contract performance and will be the single POC for the the WV Division of Corrections MM&A's and KZF's senior management is committed to providing the resources required to perform all aspects of the multiple projects, new construction and renovation work

One important aspect of the Program Organization is the commitment from MM&A's teaming partner; KZF Each teaming partner has provided a single POC for their respective company and authorized them to support this contract with the experienced personnel and resources to ensure successful execution



4.2.3
PROJECT/
CONSTRUCTION
MANAGEMENT



The Team's organization is straight-forward and flexible and encompass every discipline required for your project(s) The lines of authority are traditional and absolute

Project Monitoring and Controls

MM&A's approach to managing subcontractors and suppliers associated with the solicitation is outlined below

- MM&A has identified an authorized POC for access to and commitment of our teaming partners' resources and for oversight of all work performed by that firm
- MM&A's Program Manager will assign, negotiate, and issue work to team members and manage the performance through regular review and oversight
- Administration of team subcontracts will be performed by the Project Manager.
- MM&A will flow down all contract requirements to its lower tier subcontractors. MM&A will also require that its first tier subcontractors flow down all requirements to their subcontractors.

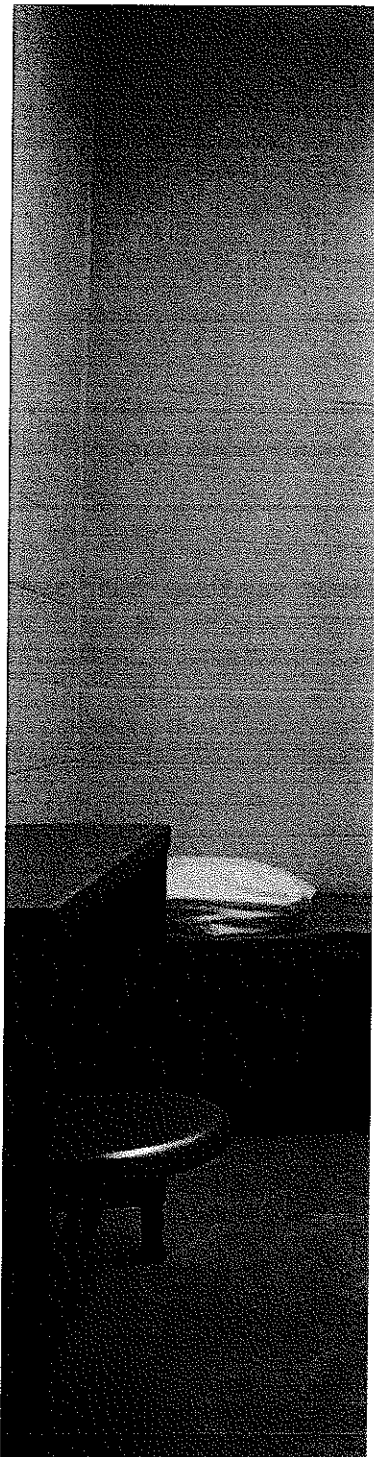
All subcontracts and vendor purchase agreements will be administered by the PM. The PM or his representative in the field will give technical direction to subcontractors, provided that such direction does not affect contractual obligations of the subcontractor with respect to scope, price, schedule, QC or other contractual agreements. The PM will be responsible for issuing and monitoring all sub-contracts outside of the teaming partners

Reporting of Project data is critical to Program Management and the oversight by the Program Manager. MM&A will use multiple tools to define, plan, integrate, execute and administer its subcontracts including Timberline, Microsoft Office, and Primavera

Communication will occur at all levels in the organization. Plan-of-the-day meetings will be held with all subcontractors to assure a high degree of coordination of all site activities. MM&A's management team will communicate on a weekly basis, or more frequently as needed, to facilitate coordination among resources. These teleconferences will focus on:

- Safety
- Quality
- Schedule Issues
- Costs Incurred
- Resource Needs
- Documentation / Deliverables Status

4.2.3
PROJECT/
CONSTRUCTION
MANAGEMENT



This communication provides an early warning system for each level of management—such that issues, potential impacts, and options for mitigation may be discussed in a timely manner, and corrective action taken if and when necessary. It will also be the forum for discussion and resolution of all Safety and QC related issues

Program Integration

As a Prime Contractor and a small business, MM&A is geared for rapid, self-performance of construction projects. Also, as construction firm, sub-contractors typically play a minor role in our project execution. In order to fulfill the management and administrative requirements for the solicitation, MM&A will utilize its DCAA audited financial system to provide the West Virginia Division of Corrections with a seamless cost reporting system

Our Team recognizes that projects can be varied and require rapid submission of cost/schedule data and perhaps rapid deployment. Our Team will use Primavera Project Planner to schedule resources to provide superior responsiveness. It is our belief that the true integration of the team's resources, cost data, and availability (internal scheduling of resources) will provide MM&A and the WVDOC with a rapid turn-around for any project

Project Planning

The Program Manager performs an initial review of the SOW, focusing on safety, time-critical issues, the potential staff members, and identifies which resources can be supplied by each team member. The Program Manager will ensure resources from MM&A and its Team members are properly allocated to execute the work

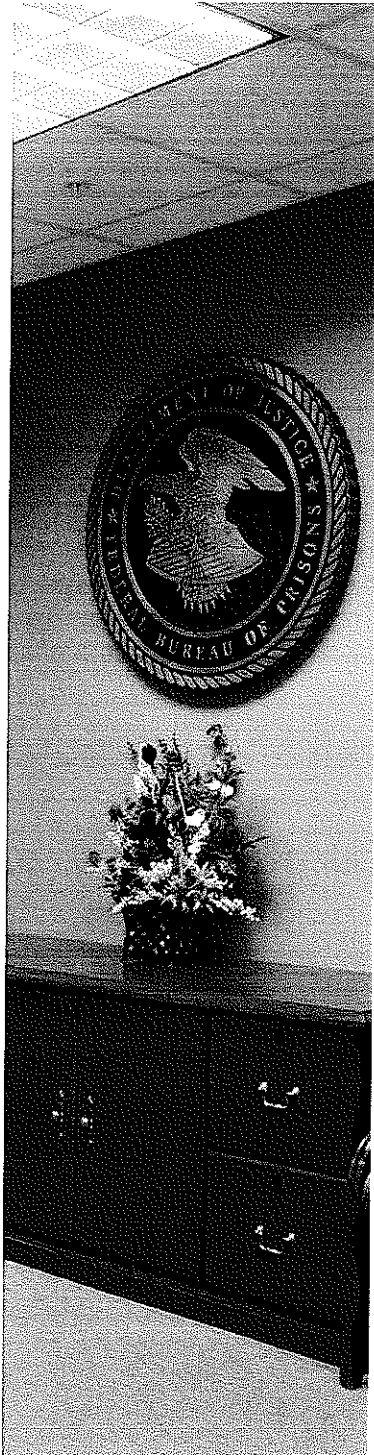
Important Concepts that are fundamental to the Planning approach include:

- Identification of Safety Issues early in the process;
- Selection of a suitable design professional and involvement throughout the planning process;
- Identification of project-specific technical staffing requirements; and
- Development of a top level technical approach

Innovation and value engineering are inherent in the process and result in a living plan that is fully responsive to the SOW while remaining flexible to accommodate changes inherent in justice/correctional projects



4.2.3
PROJECT/
CONSTRUCTION
MANAGEMENT



The PM will to manage all aspects of the project including but not limited to:

- Developing a detailed technical approach;
- Developing cost estimates;
- Preparing work plans; and
- Work Order execution

Staffing

MM&A and KZF have identified the key personnel that will lead the management and technical aspects of the work. Additionally, the MM&A/KZF team has a deep bench of experienced correctional architecture and engineering design professionals which will allow us to efficiently and effectively execute multiple tasks at any one time

MM&A is party to the Building Trades Agreement. This allows us to effectively identify and cost local resources, working in concert with the Business Agents for the local operators and labors' hall wherever the Work Order is located. Our directory of business agents also allows us to identify and deploy resources in a timely manner (e.g. 24-hour period)

Cost Estimating

The MM&A/KZF team employs in-house full-time professional cost estimators who review cost trending on projects and provides costing information to the design team at each stage of the design process. Our cost estimator performs value engineering on our projects during design, both in formal Value Engineering sessions and as a general approach, to assist our clients with achieving their goals at an optimum cost.

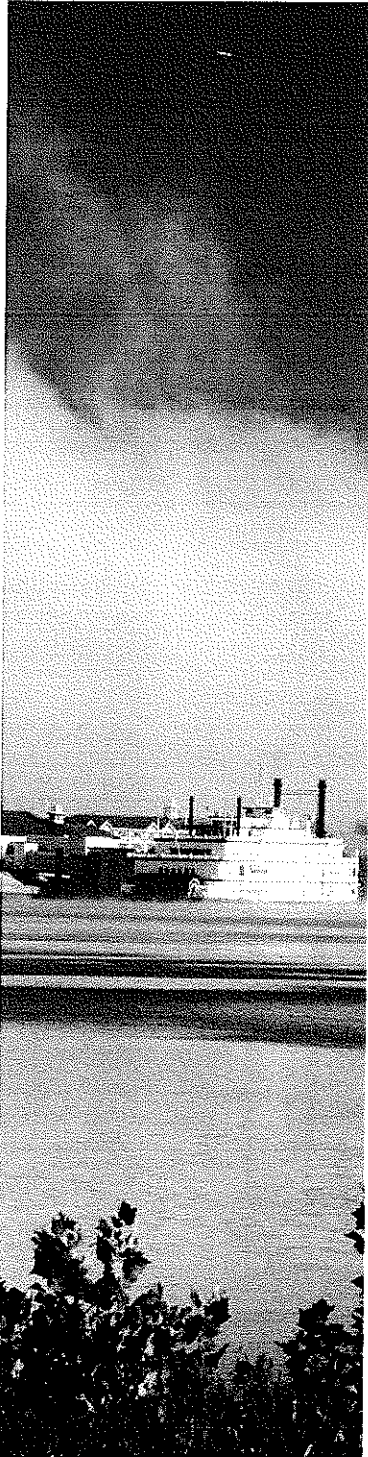
KZF's approach to developing cost estimates is similar to that employed by construction contractors. Our cost estimator develops line item estimates based on design specifications-relying on "square foot" cost estimates in the early conceptual stage. Our cost database is extensive, and KZF utilizes the latest cost estimating software as well as relying on our estimator's in-depth knowledge and experience in the local construction marketplace.

Cost trending reviews and estimates are developed typically along the following lines:

KZF utilizes the Concept Design and Programming Phase of a project to develop a detailed project program, and to verify the project requirements and construction cost limit. At KZF, this process typically includes preparing a preliminary value-engineering of construction materials, structural systems, fire protection systems, HVAC, electrical and communications systems.



4.2.3
PROJECT/
CONSTRUCTION
MANAGEMENT



The Schematic and Design Development Phases are reviewed by KZF Design senior professionals for technical accuracy, ease of construction, cost compliance and clarity of information. Key areas of focus in cost control include:

- Compliance with project scope, program and client objectives
- Constructability review
- Value engineering analysis to determine opportunities for cost reductions
- Budget/Cost compliance

Final Design begins with the resolution of all Design Development technical and cost issues and ends with the development of a final estimate of probable construction cost. Final Design is reviewed by MM&A and KZF senior professionals for technical accuracy, ease of construction, cost control and clarity of information on the documents-key elements in achieving tight and consistent construction bids.

The chart below illustrates recent successful cost estimating efforts by our team:

Project Name	Bid Date	KZF Estimate	Low/High Bid
Black Road Bridge Replacement, Butler Co., OH	2009	\$1,013,664	\$898,638
700 Broadway LEED Building Renovation, Cincinnati, OH	2009	\$4,562,000	\$4,547,484
Command Post Facility, Warner Robins AFB	2009	\$4,009,000	\$3,984,000
Lab Expansion – Toyota North America HQ; Erlanger, KY	2008	\$2,950,000	\$2,650,000
Human Performance Wing, WPAFB	2008	\$200,957,550	\$195,074,000
AFIT – Academic Facility, WPAFB	2006	\$11,343,188	\$9,364,000
Building 7 Renovation, WPAFB	2006	\$3,153,829	\$2,900,000/\$3,304,397
Marysville Ohio Training Center, ONG	2005	\$8,299,180	\$7,959,000
Passenger Procession Center; Fort Campbell, KY	2002	\$10,813,275	\$10,729,345
Air Deployment/Deployment Staging; Fort Campbell, KY	2002	\$5,432,464	\$4,901,642
Fuel Cell and Maintenance Hangars; Maxwell AFB, AL	2002	\$15,600,200	\$12,329,800
Rail Deployment Facility Fort Campbell, KY	2002	\$3,390,980	\$2,988,478
Communications/Squadron Operation Facility Mansfield OANG, OH	2001	\$7,239,000	\$5,467,000/\$6,648,000
Finance Office Renovation Toledo OANG, OH	2000	\$100,000	\$103,000 (negotiated)
Munitions Parking Lot Toledo OANG, OH	2000	\$64,400	\$59,000 (negotiated)



RFQ No. COR61447

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: 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 the debt owned is an amount greater than one thousand dollars in the aggregate

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.

"Debtor" means any individual, corporation, partnership, association, Limited Liability Company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities "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

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this 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

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: MARSHALL MILLER ASSOCIATES

Authorized Signature: [Signature] Date: 2 Feb 2010

State of Ohio

County of Hamilton, to-wit:

Taken, subscribed, and sworn to before me this 1st day of February, 2010

My Commission expired June 17, 2011

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]

SUSAN D. WILLIAMS
Notary Public, State of Ohio
My Commission Expires June 17, 2011