WestVirginia Division ofGeneral Services

GSD146403:

Parkersburg State Office Building HVAC Water Loop Replacement

08/13/13 09:52:22 AM
West Virginia Purchasing Division





MODZEN

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

Solicitation

NUMBER

GSD146403

PAGE 1

ADDRESS CORRESPONDENCE TO ATTENTION OF

KRISTA FERRELL

304-558-2596

RFQ COPY TYPE NAME/ADDRESS HERE *709060537

McKinley & Associates The Maxwell Centre 32 20th Street - Suite 100 Wheeling, West Virginia 26003

SH	DEPARTMENT OF ADMINISTRATION GENERAL SERVICES DIVISION BUILDING TWENTY FIVE 5TH & AVERY
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ò	PARKERSBURG, WV
	26105 304-558-2317

DATE PRINTED 07/18/2013

BID OPENING DATE:	08/13/	2013			BID C	PENING TIME	1:30PM
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RFQ No. GSD146403	
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STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: 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:

Whoteno

"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 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.

Vendor's Name: McKinley & Associates Authorized Signature: Date: August 8, 2013 State of West Virginia County of Ohio , to-wit: Taken, subscribed, and sworn to before me this 8 day of , 2013 My Commission expires August 10 , 2010 AFFIX SEAL HERE NOTARY PUBLIC Purchasing Affidavit (Revised 07/01/2012)

CERTIFICATION AND SIGNATURE PAGE

By signing below, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid or proposal for review and consideration; that I am authorized by the bidder to execute this bid or any documents related thereto on bidder's behalf; that I am authorized to bind the bidder in a contractual relationship; and that to the best of my knowledge, the bidder has properly registered with any State agency that may require registration.

McKinley & Assoc	ciat	es	
(Company)	2	Elala	
(Authorized Signature)		
Ernest Dellatorre	, Pr	resident	
(Representative Name	, Tit	tle)	
(304) 233-0140	/	(304) 233-4613	
(Phone Number)		(Fax Number)	
August 8, 2013			
(Date)			

ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.:

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.

			umbers Received: x next to each addendum receiv	/ed)					
	[]	Addendum No. 1	[]	Addendum No. 6			
	[]	Addendum No. 2	[]	Addendum No. 7			
	[]	Addendum No. 3	[]	Addendum No. 8			
	[]	Addendum No. 4	[]	Addendum No. 9			
]]	Addendum No. 5	[]	Addendum No. 10			
I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that 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.									
						McKinley & Associates			
						Company			
Linstalle									
	Authorized Signature								
						August 8, 2013			
						Date			

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

ACORD

CERTIFICATE OF LIABILITY INSURANCE

01/14/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s). CONTACT
RAME:
PHONE
(AC, No. Ext): 304.233.3303
E-MAIL
ADDRESS:
PRODUCER
CUSTOMER ID #: PRODUCER Paull Associates (AUC, No): 304.233.7524 1311 Chapline Street P. O. Box 990 Wheeling, WV 26003-0123 INSURER(S) AFFORDING COVERAGE NAIC 8 INSURED INSURER A : **Brickstreet Ins** Brick McKinley & Associates Inc INSURER 0 : The Maxwell Centre INSURER C 32-20th Street INSURER D Wheeling, WV 26003 HSURER E : INSURER F : COVERAGES CERTIFICATE NUMBER: 12/13 WC **REVISION NUMBER:** THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS. EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. TYPE OF INSURANCE **ADDUSUBR** POLICY FEE POLICY EXP

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DES	CRIPTION OF OPERATIONS (LOCATIONS LURIS)	1 58 448	10000 101 11100 100				

The workers compensation policy affords coverage to West Virginia and Pennsylvania locations. This certificate serves as proof of insurance.

CERTIF	ICATE	HOLD	ER

CANCELLATION

MCKINLEY & ASSSOCIATES, INC. ATTN: LISA DICARLO

AUTHORIZED REPRESENTATIVE

THE MAXWELL CENTRE 32-20TH STREET WHEELING , WV 26003

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SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN

ACCORDANCE WITH THE POLICY PROVISIONS.

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 06/14/2012

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(les) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s). CONTACT III, Lee Pau PHONE (A/C, No, Ext): 304.233.3303 E-MAIL ADDRESS: PRODUCER CUSTOMER ID #: III, Lee Paull PRODUCER FAX (A/C. No): 304.233.7524 Paull Associates 1311 Chapline Street P. O. Box 990 Wheeling, WV 26003-0123 INSURER(S) AFFORDING COVERAGE NAIC # Cincinnati Insurance Co. INSURER A: McKinley & Associates, Inc. INSURER B: The Maxwell Centre INSURER C : 32-20th Street INSURER D Wheeling, WV 26003 INSURER E : INSURER F CERTIFICATE NUMBER: 12/15 Liability **COVERAGES REVISION NUMBER:** THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. ADDL SUBR TYPE OF INSURANCE POLICY NUMBER LIMITS GENERAL LIABILITY EPP0146335 06/15/2012 06/15/2015 EACH OCCURRENCE 5 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) X COMMERCIAL GENERAL LIABILITY 100,000 S CLAIMS-MADE X OCCUR 5,000 MED EXP (Any one person) \$ A 1,000,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE 5 PRODUCTS - COMP/OP AGG \$ 2,000,000 GEN'L AGGREGATE LIMIT APPLIES PER: PRO-JECT \$ POLICY EPP0146335 06/15/2012 06/15/2015 COMBINED SINGLE LIMIT **AUTOMOBILE LIABILITY** \$ (Fa accident) 1,000,000 ANY AUTO BODILY INJURY (Per person) \$ ALL OWNED AUTOS BODILY INJURY (Per accident) \$ SCHEDULED AUTOS PROPERTY DAMAGE (Per accident) X HIRED AUTOS 5 X NON-OWNED AUTOS \$ UMBRELLALIAB EPP0146335 06/15/2012 06/15/2015 EACH OCCURRENCE \$ 1,000,000 OCCUR EXCESS LIAB 1,000,000 AGGREGATE CLAIMS-MADE \$ A DEDUCTIBLE \$ \$ RETENTION WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? E.L. EACH ACCIDENT NIA (Mandatory in NH) E.L. DISEASE - EA EMPLOYEE \$ If yes, describe under DESCRIPTION OF OPERATIONS below E.L. DISEASE - POLICY LIMIT | \$ DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required) PURCHASE ORDER #DPS0843 ARCHITECTURAL/ENGINEERING SERVICES CERTIFICATE HOLDER CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. STATE OF WEST VIRGINIA DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION AUTHORIZED, REPRESENTATIVE 2019 WASHINGTON STREET EAST P O BOX 50130 CHARLESTON, WV 25305-0130

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August 8, 2013

Krista S. Ferrell, Buyer Supervisor Department of Administration, Purchasing Division 2019 Washington Street, East Charleston, WV 25305-0130

Re: GSD14603 - HVAC Water Loop Replacement for Building 25

Dear Ms. Ferrell and Members of the Selection Committee;

We are pleased to provide the West Virginia Division of General Services with our Expression of Interest for Engineering and Architectural Services for the replacement of the water source heat pump system piping, valves and accessories in the Parkersburg State Office Building located at 400 5th Street, Parkersburg, West Virginia. As you review this submission, we emphasize the following strengths of McKinley & Associates with respect to your project:

Your project will be led by Tim E. Mizer, PE, RA, QCxP. He is a very talented and unique professional being a Professional Engineer, a Registered Architect, as well as a Qualified Commissioning Process Provider. He has a complete understanding of projects from both the engineering and architectural disciplines. He will assure that your projects are completed to your specifications on time and within budget.

McKinley & Associates has been providing design services since 1981. With offices in Wheeling and Charleston, WV and Washington, PA, we support a professional staff of mechanical, electrical, plumbing/fire protection Engineers (MEP Engineers); Architects; Construction Administrators; Commissioning Agents; LEED Accredited Professionals; Recognized Educational Facility Professionals; as well as a certified Interior Design department. These professionals are all In-House. We also have depth in each discipline. As the largest A/E Firm in the state, we have been involved with hundreds of renovation projects which allow us to use that experience in your project.

Our mechanical/HVAC engineering staff has recently had special opportunities and experience related to various typical and atypical building types. For example, our engineering department has designed the first Chilled Beam HVAC System in the State of West Virginia, as well as one of the first Variable Refrigerant Volume / Air-Cooled DX Multi-Zone System in the State. We have a well-rounded range of experiences, which you will see throughout our submittal, and we are not afraid to take on new challenges.

With our previous experience on hundreds of projects which involve HVAC renovations, upgrades, and repairs, our vast experience with codes, and our great working relationship with various state agencies; we are confident that we have the talent and technology needed to make this successful. Also, as your MEP Engineers/Architects and single point of responsibility, you can be reassured of smooth project delivery and sensitivity to all relevant guidelines in our state.

McKinley & Associates has a great working relationship with the Fire Marshal and we will design to the State's Fire and Life Safety code. We have worked with owners in many different sectors of business and have been able to comply with their various requirements and standards, including State and Federal Agencies. We are able to respond to their needs, and we are certain that we are able to respond to all of your needs as well.

We are committed to each of our projects and encourage you to check with our references. Most of our clients are repeat, which is a good indication of the services we provide. The main reason we have been able to maintain this relationship is because we LISTEN to their needs. We encourage you to speak with our references because we feel this is the best way that our abilities can be conveyed to you.

Thank you for reviewing our submission and considering McKinley & Associates for your project.

Sincerely,

Ernie Dellatorre

President

McKinley & Associates

edellatorre@mckinleyassoc.com

CONCEPT

McKinley & Associates has prepared a response to the evaluative criteria listed in the request for proposal's Concept section.

• Provide a general discussion of the project and the firm's approach to addressing issues and concerns including anticipated concepts, proposed methods of design and project sequence as explained in the Background, Project and Goals. Include a discussion of similar previous projects and how these issues were resolved.

Over the years, McKinley & Associates has designed the replacement and renovation of many heating piping and chilled water piping systems. During this time our expertise has been called upon many times to address errors in existing design (pipe sizing, piping material errors, control valving etc.)

To start your project, a kickoff meeting will be held with the Owner's representatives, along with a facility walkthrough for all of the design professionals. From this meeting the Owners Project Requirements will be defined and documented, to be used as a guideline through the design phase.

After this, we will verify the existing heating load of the spaces, through the review of the existing conditions, existing drawings if available, and with discussions with the Owner. This would include further definition of the piping system with a focus given to the pipe sizing and configuration to correct any errors in layout.

For addressing issues: Challenges that become apparent will be resolved quickly and personally; in addition, our Quality Assurance Program starts with peer review, identifies and corrects problems, brainstorms design solutions, as well as helps maintain schedules and budgets.

McKinley & Associates' multi-discipline, full service professional staff includes mechanical/ HVAC, electrical, plumbing/fire protection engineers (MEP Engineers); Architects; Commissioning Agents; as well as Construction Administration services and a certified Interior Design department. We also maintain depth in numbers of each discipline in our firm. In addition, our team members have been working up to sixteen years together and therefore have a very strong team attitude. With this wealth of staff all of the technical expertise resides "in-house" giving you the most cohesive team to address the specific needs of your project.

As you can see in Tab 3 - Firm/Team Qualifications, McKinley & Associates has a wealth of experience in hydronic heating and cooling projects. In addition, a hand full of these projects we feel most similar to your project are included in Tab 5 - Experience in Similar Projects.



MANAGEMENT AND STAFFING CAPABILITIES

The work to be performed by your design team is very clear; to evaluate, prioritize and design within budget and schedule to meet the needs of the West Virginia Division of General Services. In the past 32 years we have extensive experience with similar projects. Our project team has been chosen for this project and they are available to dedicate the necessary time to this effort. We are available to start immediately upon our being selected. We can and will perform for you on time. This team is an "In-House" team that works together everyday and has done most of the projects here as a group. These team members have been working up to sixteen years together at McKinley & Associates. The technical depth of our professional staff indicates that this project can be accomplished without overloading our group or computer graphics systems.

The most important element of the entire process becomes communication from you to our designers. We use and welcome your input throughout the project. We continually achieve success in projects by maintaining time and cost management, quality control and excellent communication amongst the client and contractors.

The areas of expertise for each member coincides with his/her Role in this Contract. With our large staff we have the ability to have registered architects and engineers designing within their area of expertise. HVAC design by a Mechanical Engineer, electrical design by an Electrical Engineer, fire and life safety design by a Fire Protection Engineer. The Professional Engineers (PE) are not only "In-House," we also have depth in numbers of each discipline in our firm.

We hold weekly meetings to discuss your project, the budget, schedule and quality assurance. We provide **Documented Minutes** of all of our meetings and encourage the Owner to participate in these meetings.

Our Quality Assurance Program starts with a peer review where a registered professional not involved in the design becomes reviewer of the project before going to bid. Additionally, at our regularly scheduled project meetings the entire design team is constantly reviewing the process.

We are confident we can meet your program requirements. We have worked with owners in many different sectors of business and have been **able to comply with their various requirements and standards**, including Federal Agencies such as the USPS, DOD, FAA, HUD, EPA and NPS, and also State Agencies such as West Virginia University, Marshall University, West Virginia School Building Authority, West Virginia State Police, DOE, WVARNG, and the Department of Culture & History. We are able to respond to their needs, and we are certain that we are able to respond to all of your needs as well.

You appropriately recognize how codes, and state / federal regulations are important to a successful project. Our professional's design within these codes daily, as our practice is and remains a West Virginia practice and we are dedicated more than ever to the state in which we live. All documents will be prepared with the current WV State Building Code and WV State Fire Code as well as all State and Federal Codes, Regulations, and Ordinances. We are members of many organizations, and follow their standards, such as NFPA, CEFPI, AWI, WVEDC, AIA, NCARB, ASCE, ASPE, BOCA, ASHRAE, and ACI International.

Our Eleven Month Walk-Through is a process where our professionals return to your facility eleven months after the project is completed. At that time they review all the work that was completed and check all warranties. We are making sure all of the covered work is in order and that the warranties do not expire with equipment or product not working properly. We have been doing this for 16 years which has now been adopted as an AIA 101 Standard. We also conduct Post Occupancy Evaluations with the Owner to find out how well we matched the Owners' needs.



CONSTRUCTION ADMINISTRATION & ON-SITE REPRESENTATION

Observe the Construction Progress

Liaison between the Owner, Contractor, and Architect

Responsible for All Construction Meetings and Minutes

Monitor the Construction Schedule

Ensure that the Contractor is Following the Construction Documents

Verify Pay Application and Change Orders

Typically On-Site Once Every Two Weeks
(Provide Additional On-Site Representation if Requested)



Our 4 Project Coordinators / Construction Administrators have an extra responsibility than what most firms' Construction Administrators have; our Project Coordinators are a part of the design process from Day 1 (they are not thrown into the project only when construction starts; they are here from the beginning), so they know the ins-and-outs of the project. Our Project Coordinators have an important role as being the liaison between the Owner, Contractor, and Architect. The primary objective of the Project Coordination services is to ensure completion of work the way the client wants it - as scheduled and as budgeted. Our Project Coordinators evaluate the quality of the work to verify that it meets the level required by clients; in addition, they monitor the contractor's progress to ensure that they are following the Construction Documents. They observe the construction progress, are responsible for all construction meetings and minutes, and they verify pay application and change orders. The Project Coordinator is typically on-site once every two weeks, but we can provide additional on-site representation if requested.



QUALITY CONTROL

Quality control at McKinley & Associates, Inc. is a constant process which begins with the initial project activity and continues through document submissions, construction and owner occupancy. The longevity and size of the firm and our history of success completing complex and innovative projects is founded upon our commitment to this process.

During the design phases all personnel become fully versed in the client's program, project requirements and design standards. The design team is responsible for identifying for the client any potential conflicts between program criteria and design standards and resolving those conflicts to the client's satisfaction.

As the schematic/concept plans are developed, the Project Manager typically presents the plans for review and comments to a plan group depending on the nature of the work; e.g. engineers commenting on the engineering and architects critiquing the architecture. Once a consensus is reached, the plans advance in the process.

Prior to the completion of each phase, a set of project documents is issued to each discipline and consultant for coordination, cross-checking and review. The following items are checked at that time:

- Drawings and specifications for program compliance.
- Drawings and specifications for internal coordination.
- · Cost effectiveness of the design.
- Drawing accuracy.
- · Compliance with appropriate codes and client standards.

After coordination check corrections are completed, the project architect reviews the documents and compares the completed documents with check prints to verify that corrections have been made in accordance with the project design criteria. A final review is made by the principal-in-charge.

During the subsequent phases of design, all items are checked by persons other than those performing the daily design work in order to provide fresh insight. Prior to the final release of the documents, revisions are checked by the project manager and appropriately referenced on the drawings. Copies of the final documents are distributed to the client and consultants for final review

and approval. Comments are incorporated into the documents prior to issuance for bidding and construction.

Bid documents are issued after a final check to verify that all bid packages have current revisions included and are appropriately identified. Bid sets are numbered and registered to bidders so that each bidder may be kept informed of clarifications and addenda.

During the construction, the processing of shop drawings and submittals is controlled and monitored by the project manager. The standard turnaround for the receipt, logging, review and return of submittals is 10 working days. Complicated or specialized submittals may require additional time. Urgent items can often be expedited to satisfy the construction schedule.



TEAM QUALIFICATIONS

McKinley & Associates has prepared a brief response to each of the evaluative criteria listed in the request for proposal's Firm/Team Qualifications section. Much of the information is contained on other pages within this "Firm/Team Qualifications" tab, to which we refer for your convenience in locating the supporting documents.

 Provide the name, address, phone number, e-mail address and signature of the firm's contact person responsible for the project and having full authority to execute a binding contract on behalf of the firm submitting the proposal.

McKinley & Associates
The Maxwell Centre
32 20th Street - Suite 100
Wheeling, West Virginia 26003
P - (304) 233-0140
F - (304) 233-4613
edellatorre@mckinleyassoc.com

Signed:

Ernest Dellatorre President

 Provide the names, function and resume of individuals within the lead firm's organization who will be assigned to this project.

Architectural Engineer / Commissioning Agent: Tim E. Mizer, PE, RA, QCxP

Electrical Engineer: Darren S. Duskey, PE

Senior Mechanical Engineering Designer: William D. Ciprella

HVAC & Fire Protection Engineering Designer: Michael A. Heath

Plumbing & Electrical Engineering Designer: Scott D. Kain

Electrical Engineering Designer: Michael J. Clark

Civil Site Engineering Designer: Allison M. Carmichael

Architect / LEED Accredited Professional: Thomas R. Worlledge, AIA, LEED AP BD+C, REFP

Construction Administrator: Michael L. Price

* The resumes are found within this "Firm / Team Qualifications" tab.



TEAM QUALIFICATIONS

 The project team should have expertise in the A/E areas previously mentioned and required to complete this project. Provide information on all other project consultants, sub-consultants, and firms proposed to be employed by the lead firm for this project.

For this project, our technical expertise resides in-house. We have vast experience in similar projects, and McKinley & Associates has been involved with HVAC replacement projects for over 30 years. *Relevant examples are seen within the "Experience in Similar Projects" tab.* Moreover, the following examples are chosen to exhibit an assortment of additional HVAC system replacement projects we have completed over the years:

AEP Building Wheeling, WV

A.T. Allison Elementary
Oak Glen High School
Hancock County Schools, WV

Barnesville Elementary School Barnesville High School Barnesville Exempted Village Schools, OH

Braxton County High School
Braxton County Middle School
Braxton County Middle School Gym
Burnsville Elementary School
Davis Elementary School
Sutton Elementary School
Braxton County Schools, WV

City County Building Wheeling, WV

Hillview Terrace Church of Christ Moundsville, WV

Long Drain School Wetzel County Schools, WV

Maxwell Centre Wheeling, WV

Maysville Elementary School Grant County Schools, WV

Ohio County Correctional Complex Wheeling, WV

Ohio Valley Distribution Center Clarksburg, WV

Orchard Park Day Care Center Wheeling, WV

Raleigh Co. Emergency Services Authority Beaver, WV

Ritchie County Jr./Sr. High Harrisville, WV

St. Mark's Lutheran Church Wheeling, WV

St. Mary's Elementary School New Martinsville Pleasants County Schools, WV

USPS
multiple locations in WV & PA

Wagner Building Wheeling, WV

West Virginia Independence Hall Wheeling, WV

West Virginia State Police multiple locations in WV

Wheeling Island Race Track & Gaming Center Wheeling, WV

Wheeling Jesuit University Wheeling, WV

Wheeling Park Commission:
Oglebay Glassworks Restaurant
Wheeling Park Stone Room
Wheeling Park White Palace
Wheeling Park Wilson Lodge
Wheeling, WV

WVNCC - B&O Building WVNCC - Hazel Atlas Building Wheeling, WV

TEAM QUALIFICATIONS

o Provide a statement of the firm's ability to handle the project in its entirety.

With our previous experience on hundreds of projects which involve HVAC replacements, our vast experience with codes, and our great working relationship with various state agencies; we are confident that we have the talent and technology needed to make this successful. Also, as your Engineers/Architects and single point of responsibility, you can be reassured of smooth project delivery and sensitivity to all relevant guidelines in our state. McKinley & Associates is also willing to dedicate more Architects and Designers, Engineering Designers, Commissioning Agents, Interior Designers, LEED Accredited Professionals, and Construction Administrators - if they are needed - to make this project a success.

McKinley & Associates has a good working relationship with the Fire Marshal and we will design to the States Fire and Life Safety code. We have worked with owners in many different sectors of business and have been able to comply with their various requirements and standards, including State and Federal Agencies. We are able to respond to their needs, and we are certain that we are able to respond to all of your needs as well.

 Provide a statement of the firm's acceptance and full understanding that any and all work produced as a result of the contract will become property of the Agency and can be used or shared by the Agency as deemed appropriate.

If and when McKinley & Associates is honored to be offered a contract for the EOI #GSD146403: Parkersburg State Office Building HVAC Water Loop Replacement project; we would have no issues including this into the contract documents.

O Provide a description of any litigation or arbitration proceedings, including vendor complaints filed with the State's Purchasing Division, disputes with other Agencies of the State of West Virginia that involved legal representation by either party relating to the firm's delivery of design services, if applicable. Also, any disputes with other Agencies of the State of West Virginia that involved legal representation by either party.

McKinley & Associates has not been involved in any litigation over the past five years. Our Firm's commitments to projects start with partnering with our clients and consultants as a preventive measure to disputes. By clarifying roles, responsibilities, and expectations we are able to minimize our litigation exposure. As the lead Architect, if a dispute does occur, our objective becomes to get the problem resolved by getting all parties involved together to resolve the matter without litigation.

QUALIFICATIONS

Cameron Middle/High School (LEED Registered)



Hilltop Elementary School (LEED Certified)



West Virginia State Office Complex (Building 34) in Weirton



ounded in 1981, McKinley & Associates has become generally accepted as the largest A/E firm in West Virginia. We provided design services for projects representing more than \$100,000,000 annually in construction value. We have a broad range of skills and experience for projects involving government agencies, office/commercial, medical, educational, manufacturers, and much more. Our firm has been awarded 4 prestigious AIA Honor and Merit Awards for our works, as well as an AIA Craftsmanship Award.

For all of our Clients we require a set of Operation & Maintenance Manuals be submitted as Close-out Documents. Often a videotaped demonstration of the instruction session(s) for each piece of equipment is required for future reference by the Owner's staff. Equipment specific Maintenance Agreements can be incorporated into the construction documents if the Owner believes staff availability might be sporadic. Also, testing, adjusting and balancing are provided a third party entity to insure proper operation of MEP equipment. The Eleven-Month Walk-thru is specified to follow-up on the status of the completed work and to make it possible to review equipment maintenance and operation before the warranties expire. Lastly, modern HVAC systems have electronic monitoring options so that alerts are issued immediately upon detection. In addition, third party monitoring agreements of HVAC systems and Security Systems can be specified.

Our mechanical/HVAC engineering staff has recently had **special opportunities** and experience related to various typical and atypical building types. For example, our engineering department has designed the first Chilled Beam HVAC System in the State of West Virginia (in the \$32 million, 130,000 SF Cameron Middle/High School - pictured top left), as well as one of the first Variable Refrigerant Volume / Air-Cooled DX Multi-Zone System in the State. We have a well rounded range of experiences and are not afraid to take on new challenges.



DESIGN TEAM FLOW CHART

Project Manager / Point of Contact

Tim E. Mizer, PE, RA, QCxP

Engineering Team

Tim E. Mizer, PE, RA, QCxP

Director of Operations / Architectural Engineer / Architect / Commissioning Agent

Darren S. Duskey, PE

Electrical Engineer

William D. Ciprella

Senior Mechanical Engineering Designer

Michael A. Heath

HVAC & Fire Protection Engineering Designer

Scott D. Kain

Plumbing & Electrical Engineering Designer

Allison Carmichael

Civil Site Engineering Designer

Michael J. Clark

Electrical Engineering Designer

Architecture

Thomas R. Worlledge, AIA, LEED AP BD+C, REFP

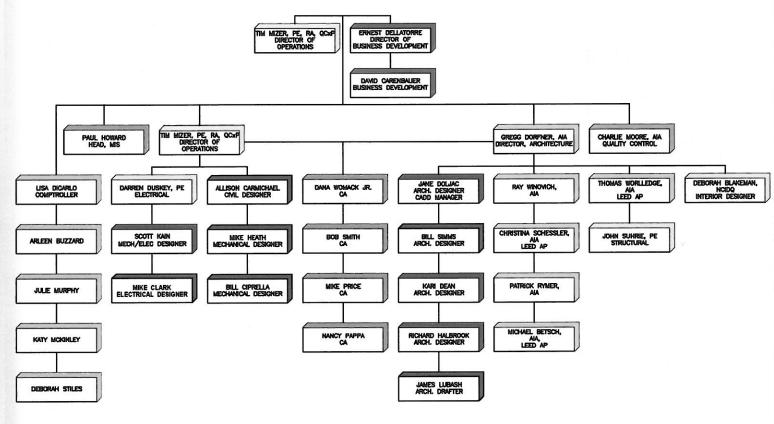
Architect / LEED Attributes

Construction Administration

Michael L. Price

With our large staff size, McKinley & Associates is willing to dedicate more Architects & Designers, Engineers & Designers, Interior Designers, LEED Accredited Professionals, and Construction Administrators if they are needed.





Architectural Engineer / Architect / Commissioning Tim E. Mizer, PE, RA, QCxP

Director of Operations

EDUCATION:

Kansas State University B.S. Architectural Engineering - 1983

University of Cincinnati Architecture

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineering in: West Virginia Ohio

Registered Architect in:

Qualified Commissioning Process Provider

PROFESSIONAL EMPLOYMENT:

McKinley & Associates Architect / Engineer / Commissioning Wheeling, WV (1995 to present)

M.C.C. Engineering Director of Design Columbus, Ohio (1988-1995)

Schooley Caldwell and Associates Electrical & Mechanical Design Columbus, Ohio (1986-1988)

Mizer Design Free Lance Architectural Engineering Design Columbus, Ohio (1985-1986)

Envirotek, Inc. Drafting and Electrical & Mechanical Design Raleigh, NC (1984-1985)

SUMMARY OF EXPERIENCE:

Mr. Mizer is a very talented and unique professional being both a Registered Architect and Professional Engineer. In addition, he is also a Qualified Commissioning Provider. He joined McKinley & Associates in 1995, and has over 25 years of experience. Mizer's background as an Architect and Engineer has provided him with a total understanding of the engineering components and the process necessary for integrating architectural design and building systems. As the Director of Operations, Mr. Mizer's presence is a key to the design procedures required to coordinate the functionality of the engineering systems into the aesthetics of a building space.

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia State Building in Logan, WV (LEED Registered)

WV Department of Health & Human Resources Office Building

West Virginia Independence Hall renovations

West Virginia State Office Complex in Weirton, WV

 $\ensuremath{\mathsf{USPS}}$ - designed over 100 Post Offices throughout West Virginia for ADA compliance

West Virginia State Police - renovations and new detachments Also surveyed, reviewed, projected, budgeted, and documented 72 police facilities statewide

Millennium Centre Technology Park

Orrick Global Operations Center (Office Building)

Maxwell Centre (Office Building)

Wagner Building (Office Building)

Bennett Square Office Building

Dr. Ganzer Office Building

Panhandle Cleaning & Restoration warehouse and office building

WVU Colson Hall office and classroom building renovations

Cabela's Eastern Distribution Center

Wheeling Island Casino - various projects

Marshall County Schools - Hilltop Elementary (LEED Certified)

Marshall County Schools - Cameron Middle/High School (LEED Registered project)

Wood County School Bond Project (\$63 million)



Electrical Engineer Darren S. Duskey, PE

EDUCATION:

The Ohio State University B.S. Electrical Engineer - 1993

Marshall University Graduate courses in Engineering

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Professional Engineer in: West Virginia Ohio Pennsylvania

PROFESSIONAL EMPLOYMENT:

McKinley & Associates Wheeling, WV (2002 to present)

Pickering Associates Parkersburg, WV (1997-2002)

Magnetic Specialty, Inc. Marietta, OH (1995-1997)

Inland Products, Inc. Columbus, OH (1993-1995)

SUMMARY OF EXPERIENCE:

Mr. Duskey has over 19 years of experience in the governmental, industrial, commercial, institutional, and educational markets with projects ranging from State Police detachment offices, electrical design of schools, health care facilities, large and small industrial projects, and commercial properties. He has extensive knowledge and experience with the National Electrical Code, state building codes, building industry standards and practices, and has demonstrated the ability to design qualitative and economic solutions to a myriad of challenges.

NOTABLE PROFESSIONAL EXPERIENCES:

Electrical Engineer

West Virginia State Building in Logan, WV (LEED Registered)

WV Department of Health & Human Resources Office Building

West Virginia Independence Hall renovations

West Virginia State Office Complex in Weirton, WV

Panhandle Cleaning & Restoration warehouse and office building

Bennett Square Office Building

Dr. Ganzer Office Building renovations/upgrades

Cabela's Eastern Distribution Center [New large (~1,200,000 SF) distribution center services, electrical design]

WVSP Headquarters (Upgrade electrical service)

WVSP detachment in Berkeley County (Upgrade electrical service, renovations)

West Virginia University - University Police Building

WVU State Fire Training Academy in Jackson's Mill, WV

West Virginia Army National Guard - Mountaineer Challenge Academy at Camp Dawson in Kingwood, WV

United States Postal Service - statewide post offices

WVU Institute of Technology - Maclin Hall Dormitory (Upgrade electrical service, renovations)

West Virginia University - Colson Hall (Upgrade electrical service, including medium voltage distribution, renovations)

West Virginia Northern Community College - The Education Center (Upgrade electrical service, renovations)

Marshall County Schools - Hilltop Elementary (LEED Certified)

Marshall County Schools - Cameron Middle/High School (LEED Registered project)



Senior Mechanical Engineering Designer William D. Ciprella

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

ASHRAE

PROFESSIONAL EMPLOYMENT:

McKinley & Associates Wheeling, WV (2009 to present)

Burt Hill Pittsburgh, Pa (2007-2009)

McKinley & Associates Wheeling, WV (2005 to 2007)

Astorino Branch Engineers Pittsburgh, PA (1995-2005)

SUMMARY OF EXPERIENCE:

Mr. Ciprella brings over 45 years experience designing HVAC systems for governmental, educational, industrial, institutional, and commercial facilities. He has over 26 years experience using Autocad software, and over 15 years using Microstation software. In addition, Bill has over 35 years experience using computerized heating and cooling load calculation software. Bill has experience on various high-rise buildings like the Presbyterian Hospital of Pittsburgh and the Children's Hospital of Pittsburgh; both around 25 stories high.

NOTABLE PROFESSIONAL EXPERIENCES:

United States Postal Service - Williamson, WV

United States Postal Service - HVAC in Grafton, WV

United States Postal Service - Clarksburg, WV

United States Postal Service - Charleston, WV

United States Postal Service - Huntington, WV

United States Postal Service - HVAC & Windows in Altoona, PA

United States Postal Service - New Cumberland, PA

United States Postal Service - Corry, PA

United States Postal Service - Monongahela, PA

United States Postal Service - HVAC in Washington, PA

Marshall County Schools - Cameron Middle School / High School (LEED Registered project)

Wood County Schools - Parkersburg High School

Wood County Schools - Parkersburg South High School

Wood County Schools - Williamstown High School

Wood County Schools - Franklin Elementary School HVAC

Wood County Schools - Blennerhassett Middle School HVAC and boiler

Wood County Schools - Kanawha Elementary HVAC

Wetzel County Schools - Long Drain Elementary HVAC

Wetzel County Schools - New Martinsville School HVAC

Wetzel County Schools - Magnolia High School

Wetzel County Schools - Center for Children & Families

Wetzel County Schools - Maintenance Facilities

West Virginia University - Colson Hall

West Virginia Army National Guard - Multipurpose Building



HVAC & Fire Protection Engineering Designer Michael A. Heath

EDUCATION:

ITT Technical Institute Associate Degree in Specialized Technology: Computer-Aided Drafting Technology - 2000

PROFESSIONAL EMPLOYMENT:

McKinley & Associates HVAC & Fire Protection Designer Wheeling, WV (2007 to present)

Janus, Inc. AutoCAD Designer / Project Manager Pittsburgh, PA (2002-2007)

Comunale Automatic Sprinkler Fire Protection Designer Pittsburgh, PA (July 05 - Oct 05)

S.A. Comunale Inc. Fire Protection Designer Pittsburgh, PA (2000-2002)

SUMMARY OF EXPERIENCE:

Mr. Heath brings a cross-trained design background to your project, and has vast knowledge in a diverse range of disciplines. He was trained by the National Fire Protection Association (NFPA) in Dallas, Texas, and has used these skills to work on projects from multiple business sectors and with various sizes, such as the 4 story, 1,500,000 square foot David L. Lawrence Convention Center in Pittsburgh, Pennsylvania. He has vast expertise in designing and calculating fire protection systems, standpipes, dry and wet systems, hydraulics, and water cannons; stock listing materials for systems; as well as surveying job sites and frequent business trips to coordinate jobs.

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia Health & Human Resources Wheeling Office

West Virginia State Office Building in Logan, WV (LEED Registered Project)

West Virginia Independence Hall renovations

Bennett Square Office Building renovations

Dr. Don Chapman D.D.S. / Keep Smiling Family Dentistry Office

Holiday Inn Express Hotel & Suites

Capitol Theatre renovations

West Virginia Army National Guard - Multipurpose Building at Camp Dawson

For 14 West Virginia counties; provided Fire Protection and Mechanical assessments at every school, for their 10-year Comprehensive Educational Facilities Plan (CEFP).

Hancock County Schools:

A.T. Allison Elementary HVAC John D. Rockefeller Career Center HVAC New Manchester Elementary HVAC Weir Middle HVAC

Ohio County Schools:

Bridge Street Middle School HVAC Madison Elementary School HVAC

Ritchie County Middle/High School HVAC replacement

Tyler County Schools - 3 HVAC projects

Wetzel County Schools: Long Drain Elementary HVAC New Martinsville Elementary HVAC



Plumbing & Electrical Engineering Designer Scott D. Kain

EDUCATION:

Technology Education College / Ohio State University Associates in Mechanical Design - 1996

PROFESSIONAL EMPLOYMENT:

McKinley & Associates Engineering Designer Wheeling, WV (2001 to present)

HAWA Inc. Mechanical Designer Columbus, OH (1998-2001)

Autotool Inc. Engineer Columbus, OH (1995-1998)

SUMMARY OF EXPERIENCE:

Mr. Kain is an accomplished engineering designer who has performed in all the engineering trades we provide; specializing in electrical, plumbing, and fire protection. He has been utilized for various McKinley & Associates' projects that needed additional mechanical, structural, and architectural manpower. In addition, Mr. Kain has also provided 3D renderings, to aid in business development, during his long tenure at McKinley & Associates.

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia State Office Building in Logan, WV (LEED Registered)

West Virginia State Office Complex in Weirton, WV

West Virginia Health & Human Resources Wheeling Office

WV Independence Hall renovations

Catholic Heritage Center (office building) renovations

Maxwell Centre (office building) renovations

Orrick Building (office building) renovations

Wagner Building (office building) renovations

Bennett Square Office Building renovations

Sisters of St. Joseph's Convent renovations

West Virginia Northern Community College - B&O Building renovations

West Virginia Northern Community College - Education Center renovations

Wood County Schools - Parkersburg High School renovations

Wood County Schools - Parkersburg South High School renovations

Capitol Theatre renovations

Dr. Ganzer Office Building renovations

OVMC Nurses Residence Hall renovations

West Virginia University - Colson Hall (office bldg.) renovations/upgrade

WVU Institute of Technology - Maclin Hall renovations

United States Postal Service - multiple projects

West Virginia State Police - multiple projects

Cameron Middle School/High School (LEED Registered)

Hilltop Elementary School (LEED Certified)

Panhandle Cleaning & Restoration warehouse and office building



Civil Site Engineering Designer Allison M. Carmichael

EDUCATION:

Norwich University Masters in Civil Engineering - 2011

Youngstown State University B.S. Civil Engineering Technology - 2000

Kent State University Architectural Drafting Technology - 1983

PROFESSIONAL EMPLOYMENT:

McKinley & Associates Civil Site Designer Wheeling, WV (2006 to present)

Lynn, Kittinger & Noble Inc. Staff Engineer Warren, OH (2003-2006)

Engineering Services & Consultants Inc. Staff Engineer Youngstown, OH (2001-2003)

The Cafaro Company Civil Engineering Technologist Youngstown, OH (1992-2001)

A. C. Charnas & Associates Drafter, Soil Technician Warren, OH (1983-1992)

SUMMARY OF EXPERIENCE:

An extremely talented Civil Engineering Designer with experience in planning, governmental permitting, design, construction documents, cost analysis and procurement, request for information during construction and inspections. Her qualifications include experience with site development for governmental, commercial, industrial, institutional, educational, and residential properties.

NOTABLE PROFESSIONAL EXPERIENCES:

Responsibilities include design work, permit paper work, and project management of site development projects that include commercial, institutional and residential

Secured project approvals through local, state and federal governmental organizations

Concentration is in Zoning, Storm water management and Phase II Water Quality site implementation

Managed projects with clients to plan and design sites for residential, commercial and industrial use; from conceptual stage to securing project approvals for construction

Designed and developed contract documents

Estimated site construction costs

Performed construction inspection

Examples of projects include: residential subdivisions; residential retirement facility site development; construction and demolition debris landfill

Commercial Projects include banking, retail and restaurant sites; either stand-alone sites or outparcel development

Institutional Projects include additions, renovations and new site development

Write and file Municipal Separate Storm Sewer System (MS4) Water Management permits

Architect / LEED Accredited Professional Thomas R. Worlledge, AIA, LEED AP BD+C, REFP

Charleston Office Area Manager



EDUCATION:

Virginia Polytechnic Institute & State University Master of Architecture - 1992

Fairmont State College, School of Technology B.S. Architectural Eng. Tech. - 1983

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:

West Virginia Ohio Pennsylvania Tennessee Virginia

National Board Certification:

NCARB #48600

President:

West Virginia Society of Architects

Member:

The American Institute of Architects
US Green Building Council
Sustainable Building Industries Council
Recognized Educational Facility Professional
(REFP)

Former voting member:

ASHRAE 90.1 International Energy Code Committee

PROFESSIONAL EMPLOYMENT:

McKinley & Associates Manager, Charleston Office Charleston, WV (2005 to present)

Proactive Architecture Inc. President Charleston, WV (1999-2005)

Silling Associates Inc. Vice President Charleston, WV (1992-1999)

TAG Architects Charleston, WV (1985-1990)

Alpha Associates Inc. Morgantown, WV (1983-1985)

SUMMARY OF EXPERIENCE:

Thomas R. Worlledge is a skilled Architect with over 29 years experience who has received state wide design awards (including a West Virginia Chapter of the American Institute of Architects 2009 Merit Award) and placed in national design competitions. As a LEED Accredited Professional and a recognized sustainable design expert, he has had articles published in state and national trade publications, spoken before architectural students, ASHRAE chapters, and business groups on sustainable design issues and was also a featured speaker at the 2001 Governor's Conference on the Environment and the 2001 Sustainable fair. He also teaches other design professionals in the art of High Performance School design, as a professional trainer for the Sustainable Building Industries Council. Mr. Worlledge has been involved in design of projects ranging in from a small home additions (one of which was featured on HGTV's New Spaces Show) to multimillion dollar projects such as the \$20 million Parkersburg High School renovation and historic preservation project, the fast-tracked \$6 million WVU IOT Maclin Hall renovation project, and the \$12 million West Virginia State Office Building in Logan to name a few. Mr. Worlledge is a former voting member of the ASHRAE 90.1 Standards committee that forms the basis of the International Energy Code and is the president of the state chapter of the AIA.

NOTABLE PROFESSIONAL ACHIEVEMENTS:

West Virginia State Office Building in Logan (LEED Registered)

West Virginia Department of Health & Human Resources Office renovation in Wheeling

SMART Office renovation in Williamson, WV (LEED Registered)

McKinley & Associates Charleston Area Office renovation (2009 WV AIA Design Award winner)

Wood County Schools - Parkersburg High School renovations

Wood County Schools - Williamstown High School renovations

WVU Institute of Technology - Maclin Hall renovations

West Virginia University - University Police Building renovations

WV State Police Academy - Renovations to Buildings A, B, and C; New Buildings D and Multi-Purpose Building

Marshall County Schools - Hilltop Elementary School (LEED Certified Project)

Hancock County Schools - Weir High School renovations

Boone County Schools - Brookview Elementary School renovations

Boone County Schools - Honors Academy renovations



Construction Administrator (Project Coordinator) Michael L. Price

EDUCATION:

Belmont Technical College Certified Surveyor

Licensed E.I.F.S. Technician

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Member:

Wheeling Central Catholic Boosters Our Lady of Peace Church O.L.P. Basketball Coach

Vice President:

Circus Saints & Sinners

Former President: Mt. Olivet Baseball Association

PROFESSIONAL EMPLOYMENT:

McKinley & Associates Project Coordinator Wheeling, WV (2009 to present)

Wheeling Hospital Project Administration Carpentry Dept. Wheeling, WV (2006-2009)

Main Street Bank Foreclosure Property Inspector Wheeling, WV (2003-2009)

Michael Price Construction, LLC Owner Wheeling, WV (2004-2007)

J.D. Fletcher Construction Foreman, Supervisor and Estimator St. Clairsville, OH (1989-2004)

National Road Utility Company Sales, Product Inventory and Delivery (1987-1989)

Real Contracting and Drywall Framer, Finisher (1985-1987)

SUMMARY OF EXPERIENCE:

Mr. Price has nearly 30 years of experience in commercial and residential construction, and his previous job was a Project Administration for the Carpentry Department at Wheeling Hospital. He will bring the following expertise to your projects: Qualified in commercial buildings; Responsible for scheduling and project completion; Supervisor over employees and subcontractors; Management experience as job superintendent and owner; Quality control of all trades; Maintained good working conditions and safety standards according to building codes; Close work with architects, project managers in print takeoff and redesign; Performed purchasing and inventory of construction project materials; Experience in bidding and estimating; Excellent communication skills, works extremely well with employees and customers, highly dependable and responsible; Highly skilled in framing and finished carpentry, synthetic stucco, all types of drywall work; Qualified heavy machine operator such as skid steer and backhoe, etc.; Qualified residential housing inspector for Main Street Bank; and finally, Technical experience in plumbing and electrical.

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia Health & Human Resources Wheeling Office renovations

West Virginia Independence Hall renovations

Capitol Theatre renovations

United States Postal Service - multiple projects

Carenbauer Wholesale Corporation warehouse addition and renovations

Wheeling Island Casino renovations

Main Street Bank, Moundsville Branch

Holiday Inn Express Hotel & Suites

Ohio County Schools:

Elm Grove Elementary renovations

J.B. Chambers Performing Arts Center at Wheeling Park High School

Madison Elementary renovations

Middle Creek Elementary renovations

Ritchie County Middle/High School HVAC replacement

Tyler County Schools:

Arthur I Boreman Elementary School renovations Sistersville Elementary School renovations Tyler Consolidated High School renovations Tyler Consolidated Middle School renovations

Wetzel County Schools: Long Drain School renovations

Magnolia High School renovations New Martinsville School renovations



PROJECT ORGANIZATION

McKinley & Associates has prepared a brief response to each of the evaluative criteria listed in the request for proposal's Project Organization section. Much of the information is contained on other pages within this "Project Organization" tab, to which we refer for your convenience in locating the supporting documents.

O Provide information on the personnel who will manage and persons proposed to be assigned to the project. Provide locations of firm's offices and indicate from where the project will be managed and the work performed. Provide a project organizational chart including key personnel and the proposed organization of the project team.

Please see the "Firm / Team Qualifications" tab to see the personnel assigned to this project, along with the project organizational chart/proposed project team (the "Design Team" page). The locations of our office where the project will be managed and the work performed is:

The Maxwell Centre 32 Twentieth Street - Suite 100 Wheeling, WV 26003

O Provide a statement or evidence of the firm or team's ability to provide services.

We know we have the ability to provide you with the services to make this project a success. We have completed multiple HVAC replacement projects which allow us to use that experience in your project.

We have vast renovation experience, office building experience, and HVAC replacements/ upgrades/renovations. Our philosophy regarding these types of work requires an intimate knowledge of the building so we can determine how to most effectively use the existing resources. Early activity includes carefully mapping out the damaged areas and formulating a plan of action for repairs. This process targets the areas of greatest need and helps to control cost. It is with this experience that we are able to bring insight to the design of spaces that will retain long term value.

We know we can provide our services within the project time frame. There are many ways in which we will respond expeditiously to your needs. Our "In-House" registered professional engineers and architects work together everyday, have done most of the projects here as a group, and have the ability to make difficult schedules work. These team members have been working up to sixteen years together at McKinley & Associates.



CORPORATE INFORMATION

Firm History

Founded in 1981, McKinley & Associates is a multi-discipline full service Architectural & Engineering firm, offering comprehensive professional services in Architecture, MEP Engineering, Commissioning, LEED (Green) Design, Interior Design and Construction Administration. We have a broad range of skill and experience for projects involving historic preservation, governmental, educational, medical, commercial, and more. McKinley & Associates recently became a 100% ESOP Company (Employee Stock Ownership Plan), which is a benefit plan that gives our employees stock ownership in 100% of our company. This is a contribution to the employee, not an employee purchase.



McKinley & Associates' Charleston, WV Office



McKinley & Associates' Washington, PA Office

Firm Information

Ernest Dellatorre President

Tim Mizer, PE, RA, QCxP Director of Operations

Gregg Dorfner, AIA, REFP Director of Architecture

Date of Incorporation

1981 Wheeling, West Virginia

Number of Professionals

Total Size	35
Architects	8
Engineers	3
Construction Admins	4
Arch./Eng. Designers	10
Interior Designers	1
Quality Controllers	2
REFPs	2
LEED APS / LEED AP BD+Cs	3
Commissioning Agents	1
MIS	1

Location

Headquarters

The Maxwell Centre

Thirty-Two - Twentieth Street Suite 100 Wheeling, West Virginia 26003

P: 304-233-0140 F: 304-233-4613

Satellite Offices

Charleston Enterprise Center

1116 Smith Street Suite 406 Charleston, West Virginia 25301 P: 304-340-4267

F: 304-340-4269

F: 724-223-8252

Washington Trust Building

6 S. Main Street Suite 1028 Washington, Pennsylvania 15301 P: 724-223-8250

Credentials

McKinley & Associates is a member of the following organizations

CEEPL AND INVENCE ALA NEPA NICARR ASCE ASPE BOCA ASHRAF ACCIDENTATIONAL





Summers Middle School HVAC

Project Location Hinton, West Virginia

Project Description

McKinley & Associates completed an HVAC renovation project on Summers Middle School. Completed on October 19, 2009, this \$1.5 million project for Summers County Schools involved renovation to this approximately 58,000 SF facility. The scope of work was to replace the Water Source Heat Pumps, Condenser Water Piping, Boilers, Pumps, Cooling Tower and Controls.

At the start of the project the owner relayed concerns about their existing boiler system that was piped incorrectly, resulting in continuous

boiler failures. To correct this issue, we performed the design work in two phases. The first phase was to re-pipe the existing boilers, converting the condenser water loop to a primary / secondary piping system, to correct the deficiencies.

The second phase of the project was to re-pipe the entire facility, install new water source heat pumps, install high efficiency condensing boilers, a new cooling tower along with the required pumps and controls. As a cost savings, the existing PVC piping was replaced with CPVC piping. CPVC piping is an approved equal to schedule 40 Black Steel for condensing water piping. By utilizing CPVC for this application, we were able to increase the project's total scope of work. This included 4 additional air handling units in other parts of the facility; without the need for any additional funding. The final result was a reliable system with a much lower operating cost.

Type of Services

HVAC Replacement / Upgrades Existing Building Renovations Systems Upgrades Additional Building Renovations

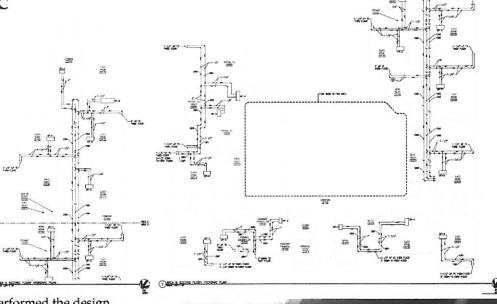
Project Size 58,000 SF \$1.5 million

Name of Project Owner

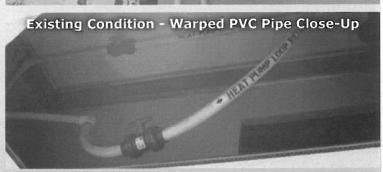
David Quisenberry Summers County Schools 116 Main Street Hinton, WV 25951 304/466-6008

Date of project completion Construction completed in October of 2009

Any additional information deemed relevant
The Contractor for this project was Beckley Mechanical, Inc.











West Virginia State Office Building

Project Location Logan, West Virginia

Project Description

This new 5 story **State Office Building** is intended to consolidate office space of state agencies currently located in Logan, West Virginia as well as provide moderate space for future customers. This building will be part of a new generation of State office buildings that will provide flexibility for future growth and/or office renovations and be cost effectively adaptable when relocating other agencies into the space. This building will accommodate the Division of Rehabilitation Services, the Department of Health and Human Resources, the Insurance Commission, General Services Division, the Tax Department, and the Work Force Division. The State of West Virginia has chosen to try and achieve a silver Leadership in Energy and Environment Design (LEED NC 2.2) rating as awarded by the US Green Building Council (USGBC). The HVAC System included the installation of 2 high efficiency condensing boilers, pumps with variable speed drive control, custom air handling units with chilled and hot water coils, variable air volume boxes with hot water heating coils, water cooled chiller with cooling tower, packaged rooftop energy recovery

Type of Services HVAC Office Facility New Building LEED Design

Project Size 53,200 SF \$11 million

Name of Project Owner Mr. Robert P. Krause, PE, AIA State of West Virginia General Services Division 1900 Kanawha Boulevard East Charleston, WV 25305 304/558-9018

ventilator, and direct digital controls.

Date of project completion Construction is nearing completion

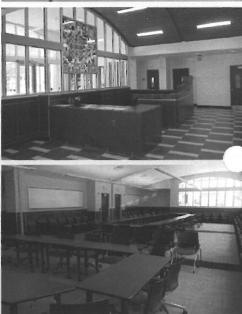
Any additional information deemed relevant

The Contractor is the Massaro Corporation. The Commissioning Agent is Iams Consulting, LLC. The streetscape design along the north and south faces of the building are to act as a template for all future sidewalk development. Major brick patterns intersect at a paver quilt star, a symbol of West Virginia heritage that is carried into the foyer of the building. The stained glass window in the entry was custom designed to reflect the culture and history of the area; this won a 2013 AIA Craftsmanship Award.



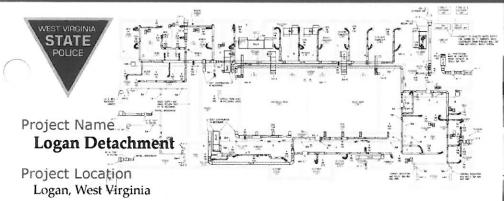












Project Description

A new detachment in Logan County includes a Dispatch Center with a dispatch room, radio room, a computer rooms with raised access floors, and an uninterruptible power supply (UPS) room with raised access floors. Also included in the detachment is a District Commander's office, Detachment Commander's office, Assistant Commanders' offices, Lieutenant Inspector office, Lieutenant offices, squad bay for 25 Troopers w/workstations, receptionist area, file rooms, dayroom, evidence room, 30 trooper lockers, a two bay garage, conference rooms, processing room, witness interview room, commons spaces, conference room, and more. This is the first time Insulated Concrete Forms (ICF) have been used for State Police Buildings. ICF's are an almost perfect fit for the detachments they are cost effective to construct, energy efficient, and secure. The Detachment also uses a daylight clearstory to let daylight into the internal squad and conference rooms. The site required close coordination with the Department of Highways because the DOH will be placing their building on the same site in the near future. The contractor was W. Harley Miller Contractors, Inc.

The HVAC System included the installation of 2 high efficiency condensing boilers, pumps with variable speed drive control, custom air handling unit with dx (remote condensing unit) and hot water coils, variable air volume boxes with hot water heating coils, computer room units with remote condensing units, and direct digital controls.

Type of Services HVAC Office Facility New Building

Project Size 13,000 SF \$4.5 million

Name of Project Owner Colonel C. R. "Jay" Smithers West Virginia State Police 725 Jefferson Road South Charleston, WV 25309 304/746-2115

Date of project completion Construction completed in October of 2011

Any additional information deemed relevant

For over 15 years, McKinley & Associates has been honored to have been selected for multiple West Virginia State Police open-ended contracts for all architectural and engineering services throughout West Virginia.













Madison Elementary School HVAC

Project Location Wheeling, West Virginia

Project Description

The 74,820 SF Madison Elementary School was built for the Ohio County Schools in 1916. The existing heating system consisted of steam radiators, served from a single steam boiler located in the basement of the school. The entire lower level of the school, including the boiler room was located below the flood plain. The only air conditioning in the building was provided by individual window AC units, and ventilation air was not adequate.

The renovations to the building included relocating the Boiler Room to the main level, to bring it out of the flood plain. This required structural reinforcement of the floor from below, installation of a concrete floor, sound dampening panels around the perimeter of the room, floor drains, and new lighting. The remainder of the renovations included the installation of 2 high efficiency condensing boilers, pumps with variable speed drive control, Custom Air Handling Units with chilled and hot water coils, Variable Air Volume boxes with hot water heating coils, packaged Rooftop Units and Direct Digital Controls. In order to hide the new ductwork and piping we also installed new acoustic tile ceilings with high efficiency, dual switch lights. The Air Cooled Chiller also needed to be elevated above the flood level, so a structural platform was installed with an integral sound wall, so the chiller will not be seen or heard.

Type of Services

HVAC Replacement / Upgrades Existing Building Renovations Systems Upgrades Additional Building Renovations

Project Size 74,820 SF \$4.6 million

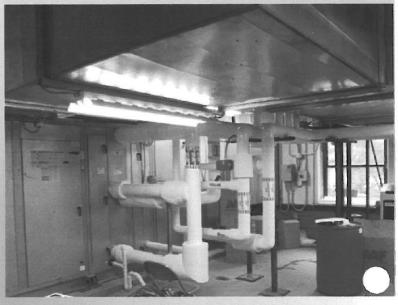
Name of Project Owner Dianna Vargo, Ed.D. Ohio County Schools 2203 National Road Wheeling, WV 26003 304/243-0300

Date of project completion Construction completed in August of 2011

Any additional information deemed relevant The Contractor for this project was Climatech, Inc.









Cameron High School

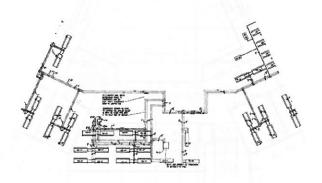
Project Location Cameron, West Virginia





Project Description

The new \$32 million Cameron Middle School / High School building was recently completed. Design analysis and complexity began with the site, with an existing grade of 33%; the resulting 3 tiered levels + mezzanines reduced overall site excavation and provided daylighting opportunities to each of the academic departments. The retaining walls also serve as building enclosure walls and contribute to passive conditioning by thermal mass. The predominant exposed orientation is to the south. This facade is emphasized with insulated translucent panel walls/clerestories with a U-Factor of .08 and light transmittance of over 8% for diffuse daylighting. Glass curtainwall is used to highlight main and secondary public entrances. Translucent panel skylights are utilized at interior spaces to expand daylight harvesting throughout which is integrated into the buildings lighting controls.



Design constraints related to potential mine subsidence necessitated eschewing traditional load bearing masonry walls and required an intricate system of rotated grids for the steel superstructure of the facility. The design aesthetic that emerged emphasized the structural and mechanical systems as an exposed element and integrated teaching tool. The facility features Departmentalized classroom groupings teacher prep & meeting areas with access to a School wide WI-FI and Interactive "smart" boards in all classrooms. The Science Suite and labs are arranged with proximity to Agricultural Science Suite for program integration.

Safe Schools considerations included CPTED transparency as an element in safety, with administrative areas strategically placed for supervision of entrances and commons areas. An electronic access control and security system integrated into the Owner's district wide system is also incorporated into the project. This system features card/video access and door latch/camera monitoring systems. Roof mounted HVAC equipment was predominantly eliminated for additional security and maintenance considerations. Sustainable design goals of the Owner included reduced life cycle costs met through incorporation of LEED accreditation goals, the use of air terminal units, "chilled beams," and desiccant wheel dehumidification.

The HVAC System included the installation of 4 high efficiency condensing boilers, pumps with variable speed drive control, custom air handling units with chilled and hot water coils, variable air volume boxes with hot water heating coils, fan coil units with chilled and hot water coils, chilled beams with chilled and hot water coils, water cooled chiller with cooling tower, split system, and direct digital controls.

Type of Services HVAC New Building LEED Design

Project Size 130,000 SF \$32 million

Name of Project Owner Mr. Jack Cain Principal 2012 Blue and Gold Road Cameron, WV 26033 304/686-3336

Date of project completion
Construction was completed in December 2012

Any additional information deemed relevant

The Contractor is Nello Construction. The Commissioning Agent is L. L. DUNN & Company. On February 2, 2013, Cameron won a 2013 Placemaker Award for Innovation from the West Virginia GreenWorks.







Bridge Street Middle School HVAC

Project Location Wheeling, West Virginia

Project Description

Bridge Street Middle School was built in 1927 for the Ohio County Schools. The original HVAC included steam radiators, served from a single steam boiler located in the basement of the 80,350 SF school. The only air conditioning in the building was provided by individual window AC units, and ventilation air was not adequate.

The renovations to the building included converting the steam boilers to hot water. The remainder of the renovations included installing pumps with variable speed drive control, Custom Air Handling Units with chilled and hot water coils, Variable Air Volume boxes with hot water heating coils, unit ventilators with chilled and hot water coils, and Direct Digital Controls. In order to hide the new ductwork and piping we also installed new acoustic tile ceilings with high efficiency, dual switch lights.



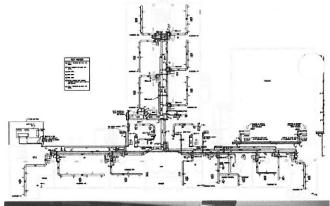
HVAC Replacement / Upgrades Existing Building Renovations Systems Upgrades Additional Building Renovations

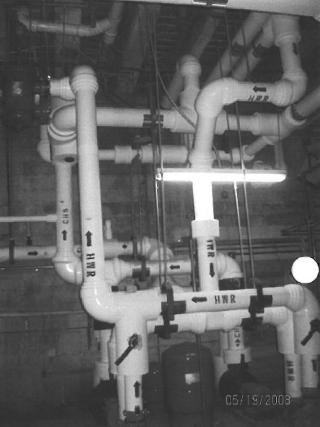
Project Size 80,350 SF \$2 million

Name of Project Owner Dianna Vargo, Ed.D. Ohio County Schools 2203 National Road Wheeling, WV 26003 304/243-0300

Date of project completion Construction completed in 2008

Any additional information deemed relevant The Contractor for this project was A.E. Pelley.







Bishop Bernard Schmitt Catholic Heritage Center

Project Location
Wheeling, West Virginia

Project Description

This renovation project of a 100 year old auto parts warehouse (former Seymour Auto Parts Building) is now the home of all informational records and artifacts of the Wheeling-Charleston Diocese. It exists as a resource for educating and enriching the public about the state's Catholic heritage through exhibits, special programs, outreach activities, access to historical records, and promoting historical research. The building was remodeled to include space for diocesan offices and archives on the second floor, 3,700 SF of museum-quality exhibits and a conference area on the third floor, as well as retail establishments that rent out the first floor. The Archive spaces utilized a specialized HVAC heating, cooling and humidity controls. The building is found in the Centre Market Square Historic District, in the National Register of Historic Places.

The HVAC renovations to the building included 2 high efficiency boilers, pumps with variable speed drive control, custom air handling units with hot and chilled water coils, concealed fan coil unit with hot and chilled water coils, split system, air cooled chiller, and

direct digital controls.

Type of Services

HVAC Replacement / Upgrades Existing Building Renovations Systems Upgrades Historical Preservation Project Additional Building Renovations

Project Size 40,000 SF \$2.9 million

Name of Project Owner

Mr. Darryl Costanzo Diocese of Wheeling-Charleston 1307 Jacob Street Wheeling, WV 26003 304/233-0880

Date of project completion Construction completed in 2007

Any additional information deemed relevant

Work also included selective demolition and renovation to the exterior elevations of the existing building, construction of 2 canopy additions affixed to the building, limited exterior foundation, concrete, masonry, framing, molded trim & cornice carpentry, EIFS, metal roofing, epdm/metal flashing, sealing, guttering & spouting, painting, roof drainage, storm sewerage trades, removal and replacement of the building's windows, all new systems throughout the structure, new elevators, flood-proofing, fire protection, and ADA compliance.









Weir Middle / High School HVAC Renovations

Project Location Weirton, West Virginia

Project Description

For Hancock County Schools; this \$5 million HVAC project involved:

The demolition of the existing HVAC system which included single zone air handling units, multizone air handling units, unit ventilators, boilers and pneumatic control system.

Abatement of asbestos insulation on boiler piping.

The construction of the new Mechanical Rooms at Buildings A and F.

The installation of the new hot water boiler plant which includes four 1750 MBH boilers, pumps, hydronic specialties and controls.

The removal of corridor ceilings and installation of two 225 ton chilled water piping mains. As part of the removal of the corridor ceilings all existing ceiling mounted equipment was temporarily suspended until new ceilings were installed and the equipment was remounted. The ceiling mounted equipment was field verified and included lights, sprinklers, smoke detectors, exit signs, intercom speakers, air inlets & outlets, etc.

The installation of the primary conduits, concrete pads for the utility pedestal and transformers, the secondary conduits and conductors from the transformer to the existing switchboard in Building H, as well as the cutover of this switchboard to the new service, secondary conductors and raceways from the other two transformer pads to the panelboards in the new Mechanical Rooms at Buildings A and F.

The exhaust fans and other miscellaneous mechanical equipment replacement was coordinated with the owner and engineer.

The air handling units serving the Auditorium and Cafeterias were replaced when the school was on a break, and the work was completed and the systems operational prior to the students returning to the school.

The remaining air handling units were replaced during the school year. The adjacent classrooms, where the units were removed and re-installed, was relocated temporarily. The unit ventilators were replaced in the summer of 2010, which included misc. pipe chases, valving & electric.

Type of Services

HVAC Replacement / Upgrades Existing Building Renovations New Building Additions Systems Upgrades Additional Building Renovations

Project Size 195,000 SF \$5 million

Name of Project Owner

Mr. Mark Dziatkowicz Director of Maintenance & Facilities Hancock County Schools 104 North Court Street New Cumberland, WV 26047 304/564-3411

Date of project completion Construction completed in 2012

Any additional information deemed relevant The Contractor for this project was R. A. Finnegan.













A.T. Allison Elementary School

Project Location Chester, West Virginia

Project Description

Nearing completion is the addition/renovation project to the Allen T. (A.T.)
Allison Elementary School in Hancock
County. A major school-wide life safety
upgrade includes a new fire alarm,
fully sprinklering the building, and the
addition of egress corridors. The complete
replacement of HVAC systems include
the addition of cooling. This project also
consists of a 3-classroom Pre-K addition.
The Contractor for this project was Jarvis,
Downing & Emch, Inc.

The HVAC renovations to the building included he installation of 2 high efficiency condensing boilers, pumps with variable speed drive control, custom air handling units with chilled and hot water coils, unit ventilators with hot and chilled water coils, fan coil units with hot and chilled water coils, air cooled chiller, and direct digital controls.

Type of Services

HVAC Replacement / Upgrades Existing Building Renovations New Building Additions Systems Upgrades Additional Building Renovations

Project Size 56,000 SF \$5.5 million

Name of Project Owner

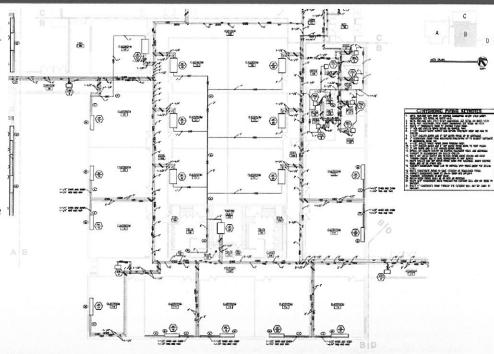
Mr. Mark Dziatkowicz Director of Maintenance & Facilities Hancock County Schools 104 North Court Street New Cumberland, WV 26047 304/564-3411

Date of project completion

A Dedication Ceremony is going to be held on August 25th, 2013.

Any additional information deemed relevant

The building was brought up to today's standard of Security. This included the addition of Man Traps at every public entry point, video monitoring of all access points, door position monitoring, and a building-wide access control system which controls and records all access to the building.









Mount St. Joseph Convent Renovation Project

Project Location Wheeling, West Virginia

Project Description

Listed on the National Register of Historic Places, the Mount St. Joseph Convent is a five story building that provides all living accommodations on site. Modern infrastructure was installed to accommodate state of the art video conferencing equipment in the main conference room, dining room and social hall. Except for non-public service entrances and mechanical spaces, we upgraded the building to be fully ADA accessible. This project was completed in multiple phases. The HVAC portion of the Phase I renovations to the building included the installation of 6 high efficiency boilers, pumps with variable speed drive control, custom air handling units with hot and chilled water coils, unit ventilators with hot and chilled water coils, vertical stacked fan coil units with hot and chilled water coils, and an air cooled chiller. In order to hide the new ductwork and piping, we installed new acoustic tile ceilings with high efficiency, dual switch lights. In Phase II, the HVAC portion of the renovations to the laundry room included the installation of custom air handling units with chilled and hot water coils, as well as vertical stacked fan coil units with chilled and hot water coils. The new piping for Phase II was routed where the chilled and hot water pipes were installed in Phase I.

Type of Services

HVAC Replacement / Upgrades Existing Building Renovations Systems Upgrades Historical Preservation Project Additional Building Renovations

Project Size 71,000 SF

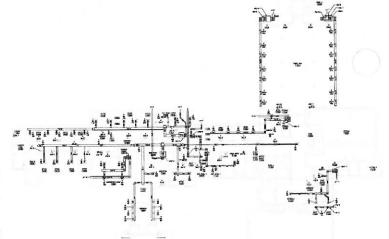
\$ - (withheld at Owner's request)

Name of Project Owner Sister Marguerite O'Brien Sisters of St. Joseph 137 Mount St. Joseph Rd Wheeling, WV 26003 304/232-8160

Date of project completion Construction completed in 2010

Any additional information deemed relevant

In addition to upstairs individual apartments designed for independent living, the facility includes a floor dedicated to full nursing care and a floor especially for assisted (limited or select services) living accommodations. There is also a library, a hair salon, laundry services, social hall, formal dining room for 100, a complete commercial kitchen, a chapel and an exercise space. Meeting rooms and private apartments are also available for visiting lecturers and seminars.











online - www.McKinleyAssoc.com

Wheeling, WV

The Maxwell Centre / Suite 100 Thirty-Two - Twentieth Street Wheeling, West Virginia 26003

P - (304) 233-0140 F - (304) 233-4613 www.Facebook.com/McKinleyAssoc

Charleston, WV

1116 Smith Street Suite 406 Charleston, West Virginia 25301

P - (304) 340-4267 F - (304) 340-4269 Toll Free - (866) 767-0140

Washington, PA

Washington Trust Bldg. / Suite 1028 6 South Main Street Washington, Pennsylvania 15301

P - (724) 223-8250 F - (724) 223-8252