

**Expression of Interest
to Provide
Professional Engineering
Services
for
Pipestem Resort Park
McKeever Lodge Heating and Cooling Piping Replacement
EOI #DNR213077**



April 9, 2013

04/08/13 04:07:58 PM
West Virginia Purchasing Division



Clingenpeel/McBrayer & Associates, Inc.

824 Cross Lanes Drive
Charleston, WV 25313
(304) 343-0316 tel
(304) 343-5146 fax

5 Riddle Court
Morgantown, WV 26505
(304) 598-2558 tel
(304) 598-2472

www.cma.wv.com

April 9, 2013

Mr. Guy Nesbit
Department of Administration
Purchasing Division
2019 Washington Street, East
Charleston, WV 25305

Re: EOI #DNR213077

Dear Mr. Nesbit:

CMA Engineering is pleased to submit our Expression of Interest for providing design services, preparing bid documents and providing construction management for the replacement of the heating and cooling fluid piping and related mechanical and other improvements at the McKeever Lodge at Pipestem Resort Park.

CMA has provided engineering services for over 2,500 projects, of varying size and complexity, since its incorporation in 1986. Projects that have involved the design of HVAC systems include the LEED accredited DEP Consolidated Office Building in Charleston, HVAC upgrades in Building 1, the House and Senate Offices, at the State Capitol Complex and the HVAC system replacement at East Bank Middle School. Our professionals are educated in the latest technological, industrial and governmental standards and have worked with numerous state and local governmental agencies to complete projects within time and budget scopes.

If architectural services are required, we will utilize the experience of J. Dan Sned & Associates. CMA and J. Dan Sned & Associates have successfully collaborated on numerous projects during the last twenty years. Projects have included the HVAC renovations at Shady Springs, Independence and Liberty High Schools in Raleigh County, the new Talcott Elementary School in Summers County and the new Raleigh County 911 Center.

Thank you for your consideration and we look forward to meeting with you during the interview process.

Sincerely,
CMA Engineering



Daniel L. Ellars, P.E.
Principal

1	CMA Firm Profile
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C O R P O R A T E P R O F I L E



Clingenpeel/McBrayer & Associates, Inc.



Charleston

Services

CMA Engineering is a West Virginia based small business firm, providing services in the areas of HVAC, plumbing, fire protection and electrical engineering. CMA's founders have long believed in the philosophy that a successful project requires a comprehensive approach. This includes all traditional facets of project planning, starting with master planning, working closely with the client, developing the completed construction documents, bidding the project and contract administration. However, our depth of expertise goes far beyond the traditional services. From developing design criteria for owners to designing the mechanical and electrical systems for the West Virginia DEP Consolidated Office Building, the first LEED certified building in the state, CMA is a proven leader in providing engineering services in the design-build delivery method. As we have been involved in LEED Certification and other "LEED-oriented" ventures for several years, we attempt to incorporate the most efficient and sustainable "green" designs in all of our projects.

History

Since 1986, CMA Engineering has provided services on numerous projects of varying size and complexity. Clients include architects, industrial companies, governmental agencies, contractors, engineers, developers and private organizations.



Morgantown

With offices strategically located in Charleston and Morgantown, our professional staff can provide clients with exceptional hands-on engineering services for planning, meetings, site visits and construction administration without effecting the project's budget.

Commitment

CMA Engineering's submittal is based on your needs and our experience. Our firm has the experience, service and quality work to create a successful project. We are committing senior design professionals in order to assure you receive top priority. We have extensive experience with projects of this nature. Examples of projects for which we were the Engineer are listed in this proposal.

In 1987, computer aided drafting stations were added to provide the best quality and engineering services for our clients. We are currently operating AutoCad 2011. Our firm is constantly monitoring the latest technology, the cost effects and the end results to the final project.

Present staffing allows CMA to complete work in a timely manner without limiting our ability to perform our ongoing work. The staff of CMA is large enough to handle any size project, yet small enough for direct input and supervision by key personnel.



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M E C H A N I C A L

CMA Engineering experience includes:

Constant Volume Air Handling Systems

Variable Volume Air Handling Systems

Demand Control Ventilation Systems

Natorium Dehumidification Systems

Building Energy and Management Control Systems

Industrial Ventilation and Exhaust Systems

Steam and Condensate Systems

Cooling Plants and Distribution

Heating Plants and Distribution

Energy Recovery Systems

Water Source Heat Pump Systems

Low, Medium and High Pressure Air Distribution Systems

Direct Digital, Pneumatic and Hybrid Control Systems

Kitchen Ventilation and Exhaust Systems



(top) Ruby Memorial Hospital—Morgantown, WV
HVAC Exhaust System

(middle) Memorial Ice Rink—South Charleston, WV
Refrigerant Pressure Gages

(bottom) Alderson Federal Correctional Facility—Alderson, WV
Steam Plant

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E L E C T R I C A L

CMA Engineering experience includes:

Underground Ducts and Utility Structures

Intrusion Detection

Closed Circuit Television

Cable and Master Antenna Television

Medium Voltage Distribution and Substations

Secondary Voltage Distribution

Engine Generators and Battery Inverters

Transient Voltage Suppression

Interior Lighting

Exterior Lighting

Sports Lighting

Theatrical Lighting

Lighting Control

Uninterruptible Power Supply Systems

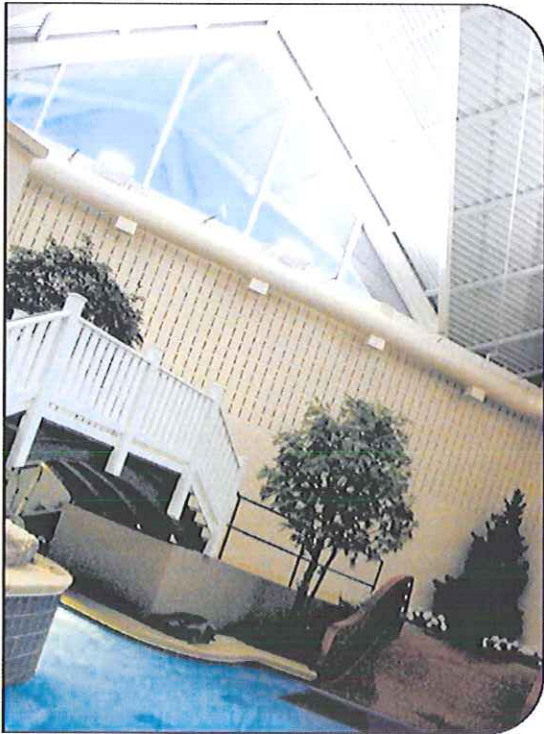
Lightning Protection

Intercommunications Systems

Nurse Call

Voice and Data Systems

Fire Detection Systems



(above) Split Rock Pools—Snowshoe, WV
Indirect Lighting System



(below) Memorial Ice Rink—South Charleston, WV
Chiller Power and Control Panel

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PLUMBING & PIPING

CMA Engineering experience includes:

Sanitary Sewer Systems

Storm Sewer Systems

Natural Gas Distribution

LP Gas Distribution

Fuel-Oil Distribution

Compressed Air Systems

Vacuum Systems

Chemical Waste Systems

Process Water Systems

Deionized Water Systems

Domestic Water Systems

Helium Distribution Systems

Domestic Water Pumping Systems

Sewage Pumping Systems

Water Heating

Automatic Fire Sprinkler Systems

Standpipe Systems

Fire Pumps, Storage Tanks, Service Mains

Medical Gas Systems



(top) Split Rock Pools—Snowshoe, WV
Piping & Pump Room

(middle) Memorial Ice Rink—South Charleston, WV
Piping & Chilling

(bottom) Alderson Federal Correctional Facility—Alderson, WV
Steam Piping



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Professional Affiliations



Leadership in Energy & Environmental Design (LEED)



U.S. Green Building Council (USGBC)



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



American Institute of Architects— WV Chapter Affiliate Member (WVAIA)



National Fire Protection Association (NFPA)



American Society Of Plumbing Engineers (ASPE)



WV Society of Healthcare Engineers (WVSHE)



Illuminating Engineering Society (IES)
The LIGHTING AUTHORITY



International Code Council (ICC)



Business Partner



P R O F I L E

Timothy Cox, P.E., NCEES

President
Mechanical Engineer

(304) 598-2558
tcox@cmawv.com

EDUCATION

University of Colorado
Boulder, Colorado
Degree: Mechanical Engineering B.S.

REGISTRATIONS/PROFESSIONAL AFFILIATIONS

Association of Energy Engineers-CBCP

Registered Professional Engineer in WV, VA, KY

CPD (Certified in Plumbing Engineering)

Member of ASHRAE

American Society of Plumbing Engineers

National Association of Fire Protection Engineers

WV Society of Healthcare Engineers

EXPERIENCE

Mr. Timothy Cox, President and Senior Mechanical Engineer of CMA Engineering brings 30 years of mechanical design experience to our clients. Mr. Cox has been project manager and project engineer for a variety of projects.

PROJECTS

West Virginia University

Open End Contract since 1999

Mountain Lair Plaza Renovations
Boreman HVAC/Plumbing/Fire Sprinkler
Upgrades

Soccer Stadium

Coliseum Life/Safety Renovations

Coliseum Locker Room Suites

Engineering Science Building Addition/
Renovations

Arnold Hall Fire Alarm/ Fire Sprinkler
Upgrades

Wrestling Training Facility

West Virginia University Hospitals

WV Eye Institute-MEP systems design for
new facility

Cheat Clinic-MEP design for new clinical
addition

WVUH Emergency Department-HVAC,
electrical, fire and communication
systems design for new addition

Chestnut Ridge Hospital-various MEP
renovations

Healthworks Rehab and Fitness -MEP
systems design for new facility

Mylan Pharmaceuticals, Morgantown, WV

Various projects including HVAC,
plumbing, fire sprinkler and controls for
new office building, fluid bed addition,
north plant expansion, parking garage and
weighing and packaging.

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P R O F I L E

Daniel Lee Ellars, P.E.
LEED AP
Electrical Engineer

(304) 343-0316
dellars@cmawv.com

EDUCATION

West Virginia University Institute of Technology
Montgomery, West Virginia.
Bachelors of Science in Electrical Engineering

West Virginia State University
Institute, West Virginia
Bachelors of Science in Business Administration

REGISTRATIONS/PROFESSIONAL AFFILIATIONS

Registered Professional Engineer in WV, PA

Leadership in Energy & Environmental Design

National Fire Protection Association (NFPA)

Institute of Electrical and Electronics Engineers (IEEE)

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

EXPERIENCE

Mr. Daniel L. Ellars, Electrical Engineer for Clingenpeel/
McBrayer & Associates, Inc. brings 23 years of
electrical design experience to our clients. Mr. Ellars
has been a project manager and project engineer for a
variety of projects including commercial and industrial
facilities as well as for both power and
tele-communications utilities.

PROJECTS

Educational Experience

New Talcott Elementary School-Electrical Design
New Fairdale Elementary School-Electrical Design
New Rainelle Elementary School-Electrical Design
New Sissonville Middle School
East Bank Middle School-Electrical Design for
Renovations

Military Experience

West Virginia Army National Guard
Eleanor Maintenance Center—Electrical
systems design for new facility.
Elkins Readiness Center-Electrical systems design
for new facility
Elkins Readiness Center-Electrical Systems
design for new facility
Moorefield Readiness Center-Electrical systems
design for new facility
St. Albans Armory-Renovations and New Addition
Gassaway Armory-Renovations and New Addition

Industrial Experience

Mylan Pharmaceuticals
Mylan Office & Lab Buildings—various electrical
systems designs for new, existing and expanded
facilities including new 23kV/12kV switchyard
and grounding plain layout.



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P R O F I L E

James A. Kerns
Mechanical/Electrical Designer

(304) 343-0316
jakerns@cmawv.com

EDUCATION

West Virginia State College
Institute, West Virginia
Degree: Bachelor of Science in Industrial
Technology/Building Construction

REGISTRATIONS/PROFESSIONAL AFFILIATIONS

Member of ASHRAE

EXPERIENCE

Mr. James A. Kerns has over 35 years experience in Mechanical and Electrical engineering design. He has been responsible for design projects in the educational, commercial, and health care fields.

Mr. Kerns has been a great asset to Clingenpeel/McBrayer & Associates. His knowledge and experience enables him to complete project designs in a clear and concise manner and in a timely fashion.

PROJECTS

Kanawha County Schools

George Washington High School-HVAC
Renovations

George Washington High School-Classroom
Additions

Horace Mann Middle School-HVAC Renovations

Elkview Middle School-Classroom Additions

Elkview Middle School-Fire Alarm System

Ruffner Elementary School-Classroom Additions

Point Harmony Elementary School-Activity Building

Concord University, Athens, WV

New Alumni/Chapel

Fire Sprinkle Upgrades to dormitories

HVAC renovation to Alexander Arts Center

U.S. Postal Service

Open End Contract Since 1993, which encompasses numerous Post Office Renovations, new Post Offices, and new Postal Maintenance Facilities. Mr. Kerns has been Project Manager for over 65 projects for the U.S. Postal Service.

Yeager Airport

New Parking Garages

New Emergency Generator

Electrical Upgrades

Fire Alarm System Upgrade

Security Upgrade

Fire Sprinkler Renovations

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P R O F I L E

Matt Corathers, P.E.
Mechanical Engineer

(304) 598-2558
mcorathers@cmawv.com

EDUCATION

West Virginia University
Bachelor of Science -Mechanical Engineering

PROJECTS

West Virginia University
Mechanical design for new two-story
child care facility

HVAC renovations to Science
Laboratories

University High School, Morgantown, WV
Mechanical design for renovations/
upgrades to the HVAC systems

Harrison County Schools
South Harrison High School-Mechanical
design for HVAC renovations
South Harrison Middle School-
Mechanical design for HVAC
renovations

Randolph County Building
Mechanical design for completion of two
story addition and modifications of the
existing second floor to be used by the
Family Court

Monongalia County Family Court
Mechanical design for renovations to
4,850sf in existing court facility

Fairfield Inn, Morgantown, WV
Mechanical design for the new hotel

REGISTRATIONS/PROFESSIONAL AFFILIATIONS

Professional Registered Engineer in WV
Member of ASHRAE

EXPERIENCE

Matthew joined the professional staff at CMA
Engineering in 2008 having previously worked for
Whitman, Requardt and Associates in Baltimore,
MD.

CMA

ENGINEERING

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P R O F I L E

Larry Weese
Mechanical/Plumbing Designer

(304) 343-0316
lweese@cmaav.com

EDUCATION

West Virginia University
Morgantown, West Virginia
Degree: Division of Forestry BS,MS

PROJECTS

Housing

Jefferson Place Apartments, Charleston, WV
Silver Tree Suites, Deep Creek, MD

WV Department of Health and Human Resources

Office of Chief Medical Examiner, Charleston
New Facility Mingo County

Emergency Response Facilities

Randolph County 911-New Facility
Mason County 911-New Facility
Raleigh County 911-New Facility
Orchard Manor Fire Station-New Facility

Educational Facilities

Nitro High School Toilet Renovations
South Charleston Middle School Toilet
Renovations
WVU Institute of Technology-Fire Sprinkler
Upgrades at Orndorff & Old Main

Industrial Experience

Standard Laboratories-Laboratory Addition
Dow Process Control-New Facility
Diamond Electric-Expansion

Commercial Experience

Bobcat of Advantage Valley-New Facility
Allegheny Springs Restaurant
Public Service Commission, Charleston, WV
New Parking Facility
Office Renovations

PROFESSIONAL DEVELOPMENT

Various seminars and technical sessions

EXPERIENCE

Mr. Larry Weese, Mechanical Designer for Clingenpeel/McBrayer & Associates, Inc. brings 20 years of mechanical design and project management experience to our clients.



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West Virginia State Capitol- House and Senate Offices HVAC Renovations Charleston, WV



Project Description: CMA Engineering provided mechanical and electrical engineering design services for renovations to the first and second floors' HVAC system and third floor HVAC Penthouses at Building #1 that serve the House and Senate area.

The original three-pipe, hydronic system consisting of unit ventilators or fan-coil units in each room fed by a campus steam and chilled water system was replaced with four (4) large air handlers and a ducted variable-air-volume (VAV) system with electric reheat coils. Each air handler was located in a mechanical room with steam and chilled water coils served from the existing campus system. New electric power service was installed at each of these locations to serve the VAV reheat coils. The ducted system and VAV boxes were located in a tight space above the existing ceilings along with a new steel walkway for maintenance. New lighting and fire alarm system components were also installed in these cavity spaces to provide fully functional maintenance access. Each VAV box was provided with a thermostat in each respective space served for room-by-room comfort control and monitoring. Steam humidifiers at each air handler and intake/exhaust openings and ductwork to the roof provide humidification and outside air for ventilation and enhanced indoor air quality control.

Construction Cost: Construction cost \$9,243,434.25

Project Size: 96,836 square feet

Name of Owner: State of West Virginia
1900 Kanawha Blvd, East
Building 1 Room MB-60
Charleston, WV 25305

Owner Contact: Robert Krause
(304) 558-9018

Additional Information: CMA Engineering acted as Prime Consultant on this project. Project to be completed in 2013.

East Bank Middle School HVAC Renovation East Bank, WV



Project Description: CMA Engineering provided mechanical, electrical and plumbing engineering design services for replacement of the HVAC system and renovations to the restrooms and entranceway.

The project consisted of a complete change out of all existing HVAC systems (originally central chiller, central boiler, AHU's, FCU's and other air handling equipment fed through a 2-pipe system and pneumatic controls). New systems were a mixture of gas/electric rooftop units, variable refrigerant volume systems and other VAV packaged systems to serve the entire facility. In this project the main electrical service was modified to suit new distribution and loads, as well as, adding new lighting and ceilings to many of the spaces. Fire sprinkler and fire alarm systems were also modified as required. A new entrance was added for the school and a number of old restrooms were upgraded with new fixtures and piping. Project started construction at the beginning of the 2012 school year for construction during occupancy.

Original Budget: \$5,400,000.00

Construction Cost: \$5,448,900.00

Project Size: 93,598 square feet

Name of Owner: Kanawha County Schools
200 Elizabeth Street
Charleston, WV 25311

Owner Contact: Charles Wilson
(304) 348-6148

Additional Information: CMA Engineering acted as Prime Consultant on this project. Project to be completed by August 2013.

South Harrison High School Clarksburg, WV



Project Description: CMA Engineering provided mechanical, and electrical engineering design services for new HVAC systems and associated electrical systems serving the Academic Wing (two floors) and the Band Room in adjacent wing (total renovation area of 50,000sf) and the gymnasium, six rooms and two shop classrooms (approximately 15,000sf). As one main system was serving the entire facility, design for this project included careful consideration of the effects of the new systems on the entire facility. As with most educational facility projects, time constraints were also a major factor.

Original Budget: \$1,500,000.00

Construction Cost: \$1,450,000.00

Project Size: 65,000 square feet

Name of Owner: Harrison County Schools
P.O. Box 1370
Clarksburg, WV 26302

Owner Contact: Neil Quinn
(304) 624-3355

Additional Information: CMA Engineering acted as Prime Consultant on this project. Project completed in 2011.

**Milan Puskar Center HVAC Renovations Phase I and Phase II
West Virginia University
Morgantown, WV**



Project Description: In Phase I, CMA Engineering provided design of new HVAC system serving locker room, showers and meeting rooms as existing systems did not have adequate ventilation or temperature control or meet required code. Project also included design for renovations to the electrical, plumbing and fire protection systems.

In Phase II, CMA provided design of new HVAC, plumbing, electrical and fire protection systems to suit required code modifications and provide better temperature control for weight training rooms and adjacent space. The design also changed out all existing electrical heating coils and provided new boiler and heating water loop, as well as, an air conditioning system for weight training spaces.

Construction Cost:		Phase I	Phase II
	Original Project Budget	\$800,000.00	\$1,500,000.00
	Construction Cost	\$804,000.00	\$1,460,000.00

Project Size: Phase I- 22,500 square feet
Phase II- 27,000 square feet

Name of Owner: West Virginia University
Morgantown, WV 26506

Owner Contact: Paul Whiteman
(304) 293-8143

Additional Information: CMA Engineering acted as prime consultant on this project. Construction for Phase I was completed in 2007. Construction for Phase II was completed in 2008.

WVU-Robert C. Byrd Health Science Center Charleston, WV



Project Description: CMA Engineering provided design for revising chilled water piping, to include new pumps, valves, insulation, controls, air handler coils and related electrical renovations.

The first phase of project included separation of the two pipe system into a four pipe, hot water/chilled water system including new pumps, pipes, controls and modifications to the existing motor control center.

Phase II of the project included the replacement of the motors and providing VFD's for the main air handlers, replacement of VAV boxes, addition of hot water reheat coils in VAV boxes, replacement of light fixture air diffusers with louver face diffusers, and controls for the new equipment.

Construction Cost: \$198,500.00

Project Size: 113,200 square feet

Name of Owner: West Virginia University
Morgantown, WV 26505

Owner Contact: Gary Phillips
(304) 347-1303

Additional Information: CMA Engineering acted as Prime Consultant on this project. Project completed in 2007.

**Nitro High School
HVAC Renovations
Nitro, WV**



Project Description: CMA provided Mechanical and Electrical design services for new HVAC system which replaced a hot water boiler system with gas heated, electric cooled roof top units.

Construction Cost: MEP Construction Cost \$1,164,000.00

Project Size: 108,930 square feet

Name of Owner: Kanawha County Schools
200 Elizabeth Street
Charleston, WV 25311

Owner Contact: Charles Wilson
348-6148

Additional Information: CMA acted as sub-consultant on the this project to the Prime Consultant N-Visions Architects. Project completed in 2005.

Project Profiles

Renovations



University High School, Monongalia County

CMA Engineering provided mechanical, electrical and plumbing upgrades to the old high school for future use as a middle school. CMA provided design for a complete fire alarm/fire sprinkler upgrade, removal of the old steam heating systems, design of the new HVAC system which includes air-conditioning, New plumbing systems included hot water heating systems and new domestic water entrance modifications to resolve site pressure problems and restroom renovations. A new electrical entrance was added to provide for the additional load for cooling and other systems, as well as, new electrical



Coliseum, West Virginia University

CMA provided mechanical and electrical design services for renovations to the HVAC system serving the court level and the construction of two new club level spaces, renovations to the restrooms, concession area and



West Virginia University-Parkersburg

CMA Engineering provided mechanical and electrical design services for renovations to the ventilation system of the aluminum welding exhaust systems, serving ten stations in the welding technology complex.

Project Profiles

New Construction



Fairfield Inn, Morgantown, WV

CMA Engineering provided HVAC, fire sprinkler, fire alarm, plumbing, electrical lighting/power and communications design for new 95 room facility of approximately 50,000sf with a 10,000sf open 3 commons area.



Silver Tree Suites, Deep Creek, MD

CMA provided mechanical, electrical, plumbing, fire protection and fire detection design services for new 30,000sf residential complex consisting of four floors.



Jefferson Place, Charleston, WV

CMA Engineering provided mechanical, electrical, plumbing and fire protection design services for new medical apartment complex consisting of 24 units of one, two and three bedroom apartments.



Camp 4, Snowshoe, WV

CMA Engineering provided mechanical, electrical, plumbing and fire protection design services for townhouse complex consisting of four buildings with four 1,600sf units per building.



Allegheny Springs, Snowshoe, WV

CMA Engineering provided mechanical, electrical, plumbing and fire protection systems design for new 190,000sf residential complex consisting of four floors.

References

Mechanical/Electrical/Plumbing



West Virginia University
P.O. Box 0877
Morgantown, WV 26505
Contact: Mr. John Thompson
(304) 293-3625



Kanawha County Schools
3300 Pennsylvania Avenue
Charleston, WV 25302
Contact: Mr. Charles Wilson
(304) 348-6148



State of West Virginia
1900 Kanawha Blvd, East
Bldg. 1, Room MB-60
Charleston, WV 25305
Contact: Mr. Robert Kilpatrick
(304)558-0250



Harrison County Schools
P.O. Box 1370
Clarksburg, WV 26302
Contact: Mr. Neil Quinn
(304) 624-3325



CORPORATE BACKGROUND

J. Dan Snead & Associates, Inc. is an Architectural firm founded on February 2, 1998, with the formation of a partnership including J. Dan Snead, AIA, Raymond E. Fink, Jr. and Steven D. Stone.

Dan Snead has thirty-nine years of experience in architectural practice and was a principal and partner in a previous practice for ten years prior to organizing the firm.

Mr. Snead has a broad background in architectural design experience including educational and healthcare facilities, public housing, judicial, residential and general commercial design.

Dan is currently a licensed architect in West Virginia and in response to the growing practice is seeking certification in other states. He is a member of the AIA and the West Virginia Society of Architects and is certified by the National Council of Architectural Registration Boards. Dan has become recognized as one of the leading architects in the state of West Virginia.

J. Dan Snead & Associates, Inc. has vast experience with a variety of projects and fully believes that each project requires a completely coordinated development from concept through design and construction. We focus our expertise on designing projects that are sensitive to our client's needs and projects that utilize the client's investment dollars to the greatest advantage. Our entire organization is dedicated to the achievement of project designs that are aesthetically pleasing, functional, and consistent with available funds.

The strengths of our firm lie in our talented staff, experience, and the ability to perform architectural services efficiently from inception to completion. We have but one simple goal - provide each client with the project they envisioned in an attentive, professional manner and to bring each project to a positive and successful conclusion.



EVALUATIVE CRITERIA

J. Dan Snead & Associates, Inc. has extensive experience in the design of primary, secondary and higher education facilities, municipal and governmental buildings, administrative offices, industrial projects, hospitality projects and various medical facilities.

With a combined total of over 74 years of experience in the fields of Architecture and Engineering, the firm's principals, J. Dan Snead, AIA, and Raymond E. Fink, Jr., PS, actively participate and supervise all aspects of design and construction administration for each project.

Our staff employs a wealth of knowledge amassed through many dedicated years of experience. We are committed to the team concept of design and production. We recognize the value of establishing quality communications with the design committee as a means of thoroughly understanding the design objectives, program requirements and project budget. Through utilization of this concept, project owners are valued as a member of our team from the schematic phase through the completion of the project.

Dan Snead, AIA, has a history of providing aesthetically pleasing designs within budget limitations by avoiding trendy design issues and by steadfastly adhering to the "elegance of simplicity." His projects are applauded for their design and for their high value/cost ratio.

Through many years of experience, the firm's principals have refined the ability to evaluate the probable construction costs in the project programming stage to assess the appropriateness of the project budget related to the proposed scope of work.

J. Dan Snead & Associates uses the latest computer and software technology, ARRIS Version 9.4 and AutoCAD to produce all of our design documents. Combined with the gifted architectural designers in our firm, our computers provide precise, accurate drawings, which translate into lower bid costs from contractors and fewer change orders. Our record regarding change orders is one of the industry's best and our goal is to have few, if any, change orders on all projects.

J. Dan Snead & Associates is enthusiastic about the prospect of working with you. We pledge sensitivity to your needs, attention to detail, and the relentless pursuit of excellence.

J. DAN SNEAD, AIA

EDUCATIONAL BACKGROUND

West Virginia Institute of Technology, 1965

REGISTRATIONS & MEMBERSHIPS

National Council of Architectural Registration Boards
The Board of Architects, State of West Virginia, 1608
American Institute of Architects
West Virginia Society of Architects

PROFESSIONAL EXPERIENCE

J. Dan Snead & Associates, Inc., Beckley, West Virginia
1998 - Present

Computects, Inc. - Beckley, West Virginia
1988 - 1998

Donald H. Stark Architects, Inc.
1973 - 1988

SUMMARY

Mr. Snead is a licensed architect in West Virginia and a member of the American Institute of Architects; the West Virginia Society of Architects; and is certified by the National Council of Architectural Registration Boards.

With over thirty-nine years of experience in Architectural design and construction administration, Dan has developed a well known, excellent reputation within West Virginia for providing functional, aesthetically pleasing designs within budget limitations. His innovative designs and understanding of design objectives have rewarded him with a long list of satisfied, repeat clients.

His experience is extensive and varied and includes primary, secondary and higher education facilities; municipal and government facilities; administrative offices; industrial and commercial projects; as well as numerous renovation, rehabilitation and adaptive reuse projects. Many of the designs Dan has developed require significant sensitivity to historic issues, local codes, life safety and current ADA thinking.

Dan is dedicated to maintaining the highest levels of both professional and ethical standards and to the coordination of teamwork both with the Owner and construction professionals to bring to each project a positive and successful conclusion.



RAYMOND E. FINK, JR.

EDUCATIONAL BACKGROUND

Bluefield State College - A.S. Civil Engineering Technology, 1972 - 1974

Mercer County Vocational Technical School - Civil Engineering Technology, 1971 - 1972

REGISTRATIONS

Licensed Land Surveyor, West Virginia, 1989
Certified Surface Mine Foreman, West Virginia, 1977

PROFESSIONAL EXPERIENCE

J. Dan Snead & Associates, Inc., Beckley, West Virginia
1998 - Present

Almes & Associates, Inc., Beaver, West Virginia
1997 - 1998

Computects, Inc., Beckley, West Virginia
1984 - 1997

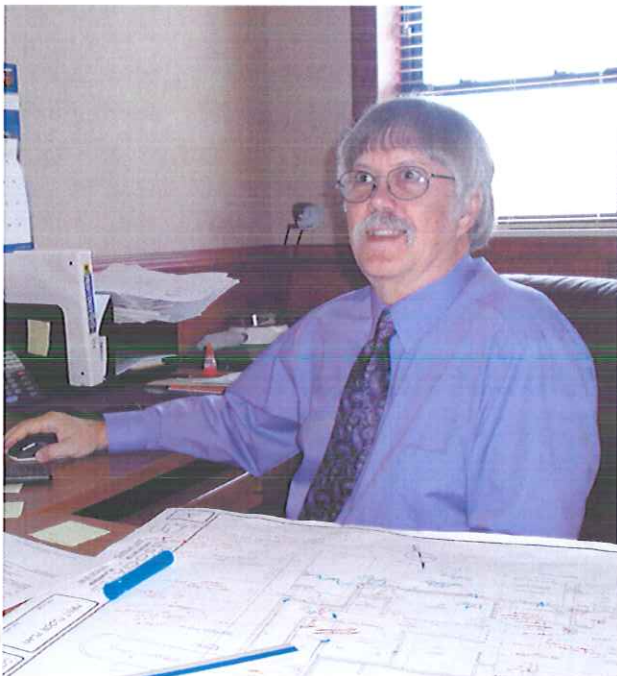
Oscar Vecellio, Inc., Beckley, West Virginia
1976 - 1983

SUMMARY

Raymond has more than thirty-six years of experience in the fields of Civil Engineering and Architecture. He has worked as Party Chief and Chief of Surveys directing boundary and topographic field surveys as well as construction layout. He has also served as foreman and cost estimator for various site construction projects spanning a period of nine years.

For more than twenty years, Raymond has worked in construction administration for various architectural projects including site inspections and review of submittals. He has been responsible for the preparation of all architectural drawings for residential, educational and commercial facilities.

As well as his unique surveying, engineering and architectural background, Raymond commands a wealth of computer knowledge. He has served as the Systems Administrator for computer operations and is proficient in the use of AutoCAD 2007 and ARRIS Version 9.0.



DONALD H. NORMAN, II

EDUCATIONAL BACKGROUND

Bluefield State College - B.S. Mining Engineering
Technology, 1986

PROFESSIONAL EXPERIENCE

J. Dan Snead & Associates, Inc., Beckley, West Virginia
2001 - Present

Pentree, Inc., Princeton, West Virginia
1994 - 2001

Computects, Inc., Beckley, West Virginia
1987 - 1993

SUMMARY

Don has more than twenty-five years of experience in the fields of Architecture and Civil Engineering. This experience is primarily in the design and detailing of bidding documents and project administration with some civil engineering experience in the field as well.

Don has served as an architectural designer for various construction projects during the last six years and has served as an engineering technician for construction projects spanning a period of seven years.

He has been responsible for the preparation of architectural drawings for residential, educational and commercial facilities. He has also been responsible for the preparation of engineering drawings for water and sanitary sewer projects as well as West Virginia Department of Transportation projects.

Pioneer Community Bank



Iaeger, West Virginia

Total Project Budget: \$1,600,000

The Pioneer Community main bank at Iaeger is modeled after a smaller branch bank that was designed by J. Dan Snead & Associates, Inc. in 1999.

The new bank contains 8,500 square feet and was constructed for \$188.00 per square foot.

The structure is steel frame with concrete floor slabs and metal stud partitions. The exterior is finished with brick and stucco and the roof is standing seam metal.

Interior finishes include ceramic tile lobby floor, cut pile plush carpet, dark stained wood wainscot, doors and trim and solid vinyl tile in utility areas.

J. Dan Snead & Associates, Inc.

RALEIGH REGIONAL CANCER TREATMENT CENTER



Chemotherapy Outpatient Addition

The new addition was designed to harmonize with the original building design and to significantly increase patient capacity.

The 2,600 square feet addition includes a large treatment room with vaulted ceiling and clerestory, doctor's offices, exam rooms, nurse's station and laboratory.

Design and construction problems included matching original building materials and maintaining patient caseload during normal construction activities.

The project was completed on time and under budget



Beckley, WV

Total Project Cost: \$360,000

J. Dan Snead & Associates, Inc.

RALEIGH COUNTY SOLID WASTE AUTHORITY



Lanark, WV

New Construction

Total Project Cost: \$357,525

The Raleigh County Solid Waste Authority requested that their new administrative office be designed to reflect the progressive and highly professional philosophies of the Authority and its staff.

The design accommodates anticipated future space needs of the Authority as well as a technology infrastructure which insures the efficient operation of the facility.

Exterior and interior materials were selected for durability and to be low maintenance over an extended period of time.

The location of the building on the site considered ease of public access and a very attractive view from the Board Room overlooking active and completed landfill cells.

Building features include a hexagonal vaulted center section divided into a Board Room and Entry Lobby. The vaulted ceiling is formed by laminated wood beams and decking. Large windows with curved overpanels provide abundant visual access to the view beyond.



J. Dan Snead & Associates, Inc.

Fairdale Elementary School



The recently completed Fairdale Elementary School is funded in part by a School Building Authority Grant.

The school population is approximately 500 and the building footprint contains 52,000 square feet.

The budget of \$8,422,000 which includes construction costs and A/E fees, produces a unit cost of \$162.00 per square foot.

Unique features of construction include a gymnasium, sloping roof, ceramic tile in all corridors and a media center with a two tier computer lab.

The new Fairdale Elementary includes the latest technology in classroom security.



***Fairdale, WV
Raleigh County***

Total Project Budget: \$8,422,000

J. Dan Snead & Associates, Inc.

SHADY SPRING MIDDLE SCHOOL

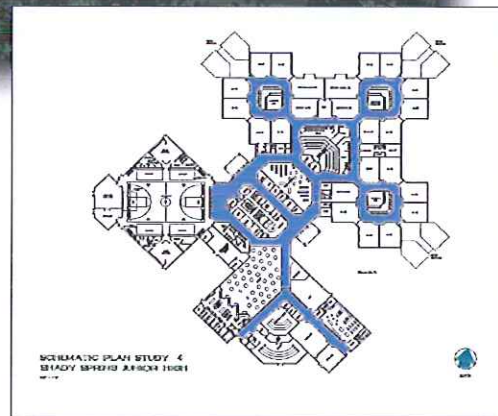


The recently completed Shady Spring Middle School project is part of a \$20,000,000 construction program undertaken by Raleigh County.

The new Shady Spring Middle School had a budget of over nine million dollars and was partially funded by a School Building Authority grant.

The new facility houses 600 students in three academic pods. It contains 78,000 square feet and features a unique design facilitating the middle school concept. Incorporated into the design is a centrally located administrative suite, media center, and commons area.

Additional features include three computer labs and an isolated, but easily accessible gymnasium.



*Shady Spring, WV
Raleigh County*

Total Project Budget: \$9,500,000

J. Dan Snead & Associates, Inc.

RALEIGH COUNTY EOC/911 CENTER



Beaver, West Virginia
Projected cost \$2.4 million
14000 Square Feet
\$172 per sq. ft.

The new Raleigh County EOC/911 Center is located on a wooded four-acre site in an industrial park near Beckley, West Virginia. The new facility is designed to accommodate normal 911 activity and is intended to act as a regional command center for emergency services during times of need. The new center features a secure, internal dispatch area, state-of-the-art communication and data systems, a large command center/board room, administrative wing, 3,000 square feet of emergency equipment storage and overnight accommodations for emergency staff. Additional features include masonry structure and a standing seam metal roof for low maintenance.

J. Dan Snead & Associates, Inc.

RFQ No. DNR213077

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:

"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 exceeds 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.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: CMA Engineering

Authorized Signature: Daniel Lee Ellor Date: April 9, 2013

State of WV

County of KANAWHA, to-wit:

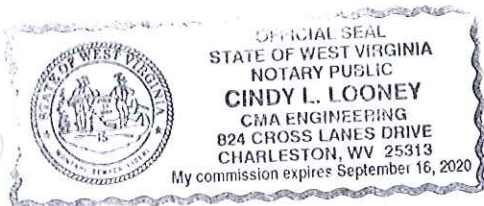
Taken, subscribed, and sworn to before me this 9 day of APRIL, 2013.

My Commission expires SEPTEMBER 16, 2020

AFFIX SEAL HERE

NOTARY PUBLIC

Cindy L. Looney
Purchasing Affidavit (Revised 07/01/2012)



ADDENDUM ACKNOWLEDGEMENT FORM

SOLICITATION NO.: DNR213077

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

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

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that 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.

_____ CMA Engineering _____

Company

_____ *Daniel Lee Ellars* _____
Authorized Signature

_____ April 9, 2013 _____

Date

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

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.

CMA Engineering
(Company)

Daniel Lee Ellars
(Authorized Signature)

Daniel Lee Ellars, Principal
(Representative Name, Title)

(304) 343-0316 (304) 343-5146
(Phone Number) (Fax Number)

April 9, 2013
(Date)