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## Header

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Procurement Folder: 153038

SO Doc Code: CECI

Procurement Type: Central Contract - Fixed Amt

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Vendor ID: 000000205511 

SO Doc ID: HHR1600000002

Legal Name: CMA ENGINEERING


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Total of Header Attachments: 0

Total of All Attachments: 0



Purchasing Division  
2019 Washington Street East  
Post Office Box 50130  
Charleston, WV 25305-0130

State of West Virginia  
Solicitation Response

Proc Folder : 153038

Solicitation Description : Addendum 01 EOI for professional engineering services

Proc Type : Central Contract - Fixed Amt

Date issued	Solicitation Closes	Solicitation No	Version
	2016-02-25 13:30:00	SR 0506 ESR02231600000003775	1

VENDOR

000000205511

CMA ENGINEERING

FOR INFORMATION CONTACT THE BUYER

Beth Collins  
(304) 558-2157  
beth.a.collins@wv.gov

Signature X

FEIN #

DATE

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Professional engineering services				

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description :	4.1 Project A: Hopemont Hospital

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Professional engineering services				

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description :	4.2 Project B: Mildred Mitchell-Bateman Hospital





Purchasing Division  
2019 Washington Street East  
Post Office Box 50130  
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State of West Virginia  
Centralized Expression of Interest  
02 – Architect/Engr

Proc Folder: 153038

Doc Description: EOI for professional engineering services

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2016-01-14	2016-02-24 13:30:00	CEOI 0506 HHR1600000002	1

#### BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV 25305

US

#### VENDOR

Vendor Name, Address and Telephone Number:

CMA Engineering

824 Cross Lanes Drive

Charleston, WV 25313

(304) 343-0316

#### FOR INFORMATION CONTACT THE BUYER

Beth Collins

(304) 558-2157

beth.a.collins@wv.gov

Signature X

*Daniel L. Ellars*

FEIN # 55-0659239

DATE 2/23/2016

All offers subject to all terms and conditions contained in this solicitation

**Expression of Interest**

**To Provide**

**Professional Engineering/Architectural Services**

**For Hopemont Hospital and Mildred Mitchell-Bateman Hospital**

**CEOI HHR 1600000002**



**February 25, 2016**



Clingenpeel/McBrayer & Associates, Inc.

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

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

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# **T A B 1**



February 23, 2016

Ms. Beth A. Collins  
Department of Administration  
Purchasing Division  
2019 Washington Street, East  
Charleston, WV 25305-0130

Re: CEOI #1600000002 Hopemont and Mildred Mitchell-Bateman Hospitals

Dear Ms. Collins:

CMA Engineering is pleased to submit, for your consideration, our qualifications and experience in providing engineering services for the replacement of the Boiler Systems at Hopemont Hospital and the electrical renovations at Mildred Mitchell-Bateman Hospital.

CMA Engineering has provided mechanical and electrical engineering services on numerous hospital projects during our twenty-nine years, and we feel this is an excellent opportunity for our firm to assist you in successfully completing this project. Our design professionals are educated in the latest technological and industrial standards and work closely with the owner and contractor from start to finish assuring that the project is completed on time and within budget.

CMA will act as the prime consultant on these projects and will utilize the experience of NVision Architects and Moment Engineers as needed.

We appreciate your consideration of our firm and look forward to presenting a more comprehensive statement of our qualifications in a personal interview.

Sincerely,  
CMA Engineering

A handwritten signature in blue ink that reads "Daniel L. Ellars".

Daniel L. Ellars, P.E.

enclosures





West Virginia University Eye Institute

## Quality Service & Diverse Experience

CMA Engineering is a West Virginia based small business firm, providing services in the areas of HVAC, plumbing, fire protection and electrical engineering. With offices in Charleston and Morgantown, the staff of CMA is large enough to handle any size project, yet small enough for direct input and supervision by key personnel. CMA Engineering has provided engineering services for over three hundred different projects at forty-two West Virginia Hospitals. Through our strong experience in hospital design, we have a solid understanding of Code requirements and healthcare facility design standards.

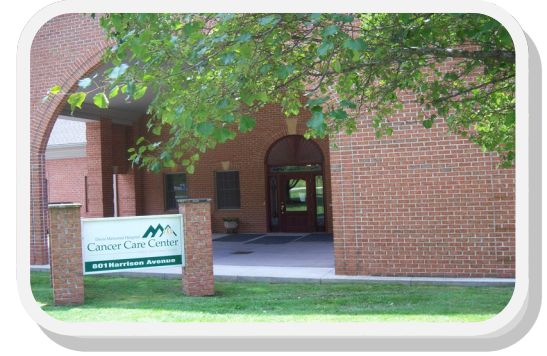
At CMA, we understand that Healthcare Engineering requires specific knowledge and focus regarding the specialized requirements and conditions of each facility. Our MEP (Mechanical, Electrical, Plumbing) experience in the hospital industry what sets our firm apart. Our familiarity with important documents such as NFPA 99,

the NEC, the Life Safety Code, ASHRAE Handbooks, and the AIA Design Guidelines for Healthcare Facilities, provide the designer with the necessary information to devise the essential systems for Healthcare Facilities.

Specialized requirements call for specific expertise. At CMA we understand the nuances involved in the hospital electrical environment. As time and technology push for continuous change, we know that the electrical systems must be designed to accommodate both current and future loads. Harmonics must be addressed to avoid unwanted electrical interference with data processing, laboratory and critical medical equipment. In the case of commercial power loss, it is important that essential and critical power load distributions require careful review and design to assure a seamless transition to emergency power.

## Hospital Experience

Alderson-Broaddus Hospital  
 Allen Medical Center  
 Appalachian Regional Hospital  
 Beckley Hospital  
 Boone Memorial Hospital  
 Cabell Huntington Hospital  
 CAMC-Women & Children's Hospital  
 Camden Clark Hospital  
 Chestnut Ridge Hospital  
 Clay Primary Health Care  
 Davis Memorial Hospital  
 Fairmont General Hospital  
 Grant County Hospital  
 HSC-Morgantown  
 Jackson County Hospital  
 Lakin State Hospital  
 Logan General Hospital  
 Marion Health Center  
 Medbrook Medical Center  
 Monongalia General Hospital  
 Montgomery General Hospital  
 Morgantown Physical Therapy  
 Pinecrest Hospital  
 Pinewood Medical Center  
 Preston County Memorial Hospital  
 Princeton Community Hospital  
 Point Pleasant Hospital  
 Putnam General Hospital  
 Richwood Community Hospital  
 Roane General Hospital  
 Ruby Memorial Hospital  
 Shinnston Medical Center  
 St. Francis Hospital  
 Summersville Hospital  
 Thomas Memorial Hospital  
 United Hospital Center  
 Valley Health Center  
 VA Hospital-Clarksburg  
 VA Hospital-Huntington  
 WV Eye Institute  
 WVU Hospital  
 WV School of Osteopathic Medicine



Davis Memorial Hospital Cancer Center

Various communications systems, including paging, sound, call and fire alarm systems must be designed to meet new design standards and codes while often interfacing with older existing systems. From fire alarm systems to lighting levels—CMA is experienced in electrical systems throughout the hospital facility.

Many areas of a Healthcare Facility require specific ventilation, pressurization, filtration and systems to deliver air for comfort and indoor air quality. Specific temperatures and humidity ratios must be maintained while minimizing the energy consumption of mechanical equipment. It is our understanding of these requirements, along with our experience with the direct digital controls of the mechanical equipment that help us adhere to strict humidity

and temperature requirements, while minimizing energy costs.

Plumbing and fire protection systems must not only meet current facility need, but must also consider future facility expansion as well. Planning and expertise is crucial—design of domestic hot and cold water systems must consider delivery temperatures to avoid development of bacteria. Connection of medical wastes must be designed per EPA requirements, and fire protection systems must be applicable for the specific hazard and coverage. At CMA Engineering, our designers believe that excellent design brings excellent results.

From ambulatory care to emergency rooms, from MRI scan areas to linear accelerators, from outpatient facilities to medical office space, CMA Engineering has diverse experience to meet your facility's needs.



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 Cross Lanes, WV 25313  
 (304) 343-0316 telephone  
 (304) 343-5246 fax

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







## Timothy L. Cox, P. E., CBCP

President  
Mechanical Engineer  
(304) 598-2558  
tcox@cmawv.com

### Education

University of Colorado  
Boulder, Colorado  
Bachelor of Science in Mechanical Engineering

### Registrations/Professional Affiliations

Registered Professional Engineer in WV, VA, MD, KY  
Association of Energy Engineers-CBCP  
CPD (Certified in Plumbing Engineering)  
Member of ASHRAE  
American Society of Plumbing Engineers  
National Association of Fire Protection Engineers  
WV Society of Healthcare Engineers  
WV Chapter of A.I.A.

### Experience

Timothy Cox, President and Senior Mechanical Engineer of CMA Engineering, brings 32 years of mechanical and plumbing design experience to our clients. Timothy is a Certified Building Commissioning Professional through Association of Energy Engineers.

### Hospital Facilities Experience

#### Davis Memorial Hospital

- New Outpatient and Physician Offices Addition
- Facility Main Boiler Replacement
- Operating Suites Renovations
- Pharmacy IV Laboratory
- Emergency Generators
- Endoscopy Relocation

#### Broaddus Hospital Expansion

#### Roane General Hospital Operating Suites Renovation

#### West Virginia University Hospitals

- West Virginia Eye Center-New Facility
- Cheat Lake Clinic Addition
- Emergency Department Expansion
- Ruby Memorial Fire Alarm Upgrade
- Chestnut Ridge Hospital-Variou Renovations & Upgrades
- HealthWorks-New Rehab Facility
- Physicians Office Center-Renovations for MRI Installation

#### Princeton Community Hospital- MRI Installation

#### Monongalia General Hospital-Cooling Tower Replacement

#### Louis A. Johnson Veteran's Hospital

- Dental Laboratory Renovations
- 2nd Floor Laboratory Renovations
- Solarium Renovations

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## **Daniel L. Ellars, P. E., LEED AP BD+C**

Principal  
Electrical Engineer  
(304) 343-0316  
dellars@cmawv.com

### **Education**

West Virginia University Institute of Technology  
Montgomery, WV  
Bachelor of Science in Electrical Engineering

West Virginia State University  
Institute, WV  
Bachelor of Science in Business Administration

### **Registrations/Professional Affiliations**

Registered Professional Engineer in WV, PA  
Leadership in Energy & Environmental Design-  
Accredited Professional-Building Design and  
Construction  
U..S. Green Building Council  
Member of ASHRAE  
National Fire Protection Association  
Institute of Electrical & Electronics Engineers  
WV Chapter of A.I.A.

### **Experience**

Daniel Ellars, senioe electrical engineer, brings 25 years of electrical design and project management experience to our clients. Mr, Ellars had 17 years of experience with American Electric Power providing advice and coordination for new construction, additions, renovations and energy audits. Dan also served as the project manager for AEP's prime and emergency power systems program to provide on-site power generation to small and large, commercial and industrial customers across AEP's seven state territory.

### **Project Experience**

#### **Healthcare Facilities**

Ruby Memorial Electrical Renovations  
WV Eye Institute-New Facility  
Roane General Hospital-Electrical Renovations  
Roane General Hospital-Emergency Generator  
Appalachian Regional Hospital- Renovations  
Princeton Health Care Center-Renovations  
Louis A. Johnson Veteran's Hospital-Northwest Entry Renovations  
Louis A. Johnson Veteran's Hospital-Southwest Entry Renovations  
Louis A. Johnson Veteran's Hospital- Laboratory Renovations  
Thomas Memorial Hospital-Electrical systems survey, upgrades and documentation

#### **Military Experience**

New Moorefield Readiness Center  
New Elkins Readiness Center  
St. Albans Armory-Addition and Renovations  
Gassaway Armory-Addition and Renovations  
Welch Armory Electrical Upgrades  
Bluefield Armory Electrical Upgrades  
Dunbar Armory Electrical Upgrades

#### **WV Department of Transportation**

New District 1 Administration Building  
New District 8 Equipment Shop  
WVDOH-Utility Study for all 10 Districts  
District 7 Administrative Building  
District 7 Equipment Shop  
Interstate Lighting Upgrades

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## **Matthew C. Corathers, P.E.**

Mechanical Engineer  
(304) 598-2558  
mcorathers@cmawv.com

### **Education**

West Virginia University  
Morgantown, WV  
Bachelor of Science in Mechanical Engineering

### **Registrations/Professional Affiliations**

Registered Professional Engineer in WV  
ASHRAE  
WV Society of Healthcare Engineers

### **Experience**

Matthew Corathers, mechanical engineer, brings nine years of Mechanical design experience and project management to our clients.

### **Project Experience**

#### **Health Care Experience**

Davis Memorial Hospital-New Addition  
Davis Memorial Hospital-Laundry Renovation  
Davis Memorial Hospital-Procedure Room Renovations  
Monongalia General Hospital- Pharmacy Clean Room Modifications  
Monongalia General Hospital-Computer Server Room Modifications  
United Hospital Center-New MRI facility  
VA Hospital, Clarksburg, WV-Renovations to Dental Lab  
Mercer County Nursing Home-Addition  
WVU Health Science Center-MRI Renovation and Installation  
WVU Health Science Center-PET/CT Scanner & System Installation and Area Renovation  
Sundale Palliative Addition

#### **Military Experience**

New Moorefield Readiness Center  
Gassaway Armory Renovations  
St. Albans Armory Addition & Renovations

#### **Educational Facilities**

Harrison County Schools-Fire Alarm replacement at Robert C. Byrd High School, Nutter Fort Elementary and Lost Creek Elementary  
South Harrison High School-HVAC Renovations  
University High School-HVAC Upgrades for use as a middle school  
New Rainelle Elementary School-HVAC Design  
Aurora Elementary School Addition-Mechanical Design

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## Larry A. Weese

Plumbing Designer  
(304) 343-0316  
lweese@cmawv.com

### Education

West Virginia University  
Morgantown, WV  
Master of Science, Bachelor of Science-  
Division of Forestry

### Professional Development

Various seminars and technical sessions

### Experience

Larry Weese brings 20 years of mechanical and plumbing design and project management experience to our clients.

### Project Experience

#### Medical Facilities

Charleston Area Medical Center-Emergency Room Renovations  
Davis Memorial Hospital— Addition  
Appalachian Regional Hospital Renovations  
Lewis County Health Clinic Renovations  
Louis A. Johnson Veterans Hospital-Laboratory Renovations  
Louis A. Johnson Veteran's Hospital-Solarium Renovation  
Hess Medical Office Building-New Facility  
Southern West Virginia Hospice-New Facility  
NorthGate Doctor's Office Building-New Facility  
Mercer County Nursing Home

#### Military Facilities

St. Albans Armory Addition and Renovations  
Gassaway Armory Renovations  
New Elkins Readiness Center  
New Moorefield Readiness Center

#### Emergency Response Facilities

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

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## Davis Memorial Hospital Addition



CMA provided mechanical, electrical, plumbing, and fire protection engineering services for the new 45,000sf Outpatient Clinical and Physicians Office Building and the new 24,000sf section which houses the new registration area and connects the new medical center with the hospital. Electrical design included an on-site, standby emergency power system. The system was designed with flexibility to serve additional future loads such as an additional chiller coupled with an additional future engine/generator set.

Note: By using local West Virginia architects, engineers and contractors and with Steve Johnson acting as construction manager, the construction cost for these new additions was \$165.00 per square foot.

Owner Contact: Steve Johnson  
Davis Memorial Hospital  
(304) 637-3129



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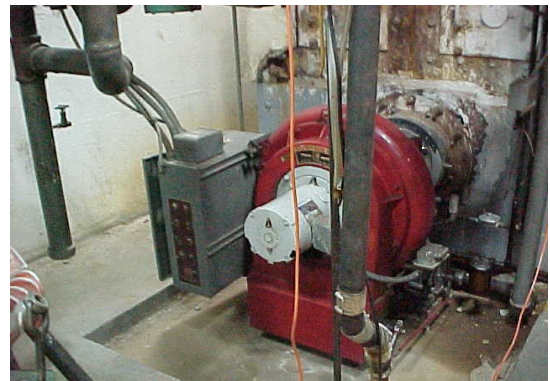
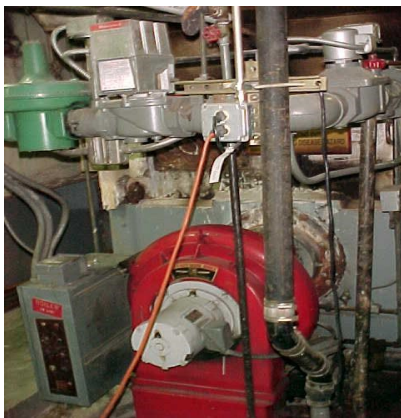


## Davis Memorial Hospital Boiler Renovation



CMA Engineering provided design for a complete boiler room renovation with three steam boilers serving the hospital's heating and clinical needs. Due to the daily operation requirements of Davis Memorial Hospital, the construction of this project was designed and coordinated for phased construction in order to permit continuous operation of the facility. A new feed-water heater system, steam to hot water converter pumps, and back-up fuel-oil system were included in design and the new systems were designed and installed with a new, complete controls system. Space power, lighting, sprinkler, fire alarm, and various plumbing systems were included in the process of these facility updates. The location of the construction for this project was at the center of the facility on the lower level, requiring close coordination of demolition and new equipment installation in order to minimize and prevent issues with adjacent spaces and occupants. This project was successfully completed over approximately six months of construction and within the established budget assigned to this project.

Owner Contact: Steve Johnson  
Davis Memorial Hospital  
(304) 637-3129



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## Davis Memorial Hospital



CMA Engineering has provided mechanical, electrical and plumbing design services for numerous projects at **Davis Memorial Hospital**. Projects include:

- New 70,000sf addition
- New Cancer Center
- New Operating Suites
- Pharmacy IV Laboratory Clean Room
- New Linear Accelerator Facility
- Boiler Replacements
- Fire Suppression Renovations
- Kitchen and Dining Room Renovations
- AHU Cool Freeze Protection
- Emergency Generator Upgrades
- Laundry Exhaust Air Handler
- Kitchen Make-Up Air Unit
- Cooling Tower and Chiller  
Replacement
- Energy Audit
- Nurse Call Systems
- Emergency Power Systems

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CMA provided mechanical, electrical and plumbing design services for the renovation of the existing HVAC system serving the decontamination and post operative suites to maintain temperature and relative humidity per current code requirements in accordance with FGI Health Facilities Guidelines.

CMA also provided design for the plumbing, HVAC, electrical and fire protection systems for 5,000sf surgery suite renovation. Renovation included design of new HVAC system to serve the operating suite.

Owner Contact: Daniel Goodwin  
Environmental Care Executive Director  
Roane General Hospital  
(304) 927-6335



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## Monongalia General Hospital

### Pharmacy Clean Room Lab Hood Replacement



CMA Engineering is currently involved in the addition of a new Pass-Through Laboratory Hood with HEPA filtration to an existing clean room space. This project began as a study to address areas and means of improvement to an existing Pharmacy Clean Room as well as assessing existing HVAC and Exhaust systems to accommodate the new Lab Hood. CMA, with the coordination efforts of Monongalia General Hospital Facilities project managers, provided design and recommendations for a temporary location of the desired Lab Hood while Pharmacy Clean Room modifications are being constructed. The finished project will house the new Lab Hood in the Clean Room, with a new exhaust fan to suit the airflow requirements and balanced with an additional VAV unit to maintain temperature and humidity for Pharmaceutical requirements.

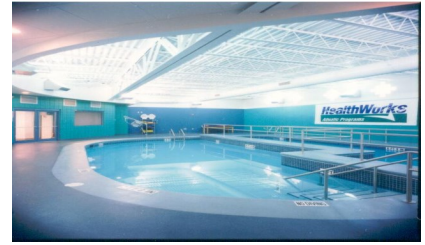
Owner Contact: Dan Wheeler  
Director of Facilities Management  
Monongalia General Hospital  
(304) 598-1266



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CMA Engineering has provided mechanical, electrical, plumbing and fire protection design services for over fifty projects of varying scope and size at **West Virginia University Hospitals**. Projects have included:

- New West Virginia University Eye Institute
- Chestnut Ridge Center –HVAC upgrades to First and Second Floors
- Ruby Memorial Hospital-Addition to Emergency Room
- Ruby Memorial Fire Alarm Upgrade
- Cheat Lake Clinic– 21,000sf Addition that include examination rooms and x-rays facilities
- Physicians Office Center-Renovations and Upgrades to the First Floor for conversion to a MRI Facility
- Healthworks-new 37,000sf Physical Therapy Facility
- WVU Biomedical Research Facility-Bidding Documents for the following site utilities—chilled water supply and return steam condensate, 23kv and 480kv distribution with associated duct banks, and telephone and communication duct banks.
- WVUH-Emergency Room Expansion
- WVUH-Gamma Knife Installation
- Health Science Center-Tunnel Air Flow Study
- Health Science Center Smoke Evaluation
- WVU School of Medicine Charleston– HVAC Renovations

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## Bluefield High School-

### Boiler Replacement



**Project Description:** Project was to quickly provide a design and follow through with complete construction administration services to replace boiler and domestic hot water plant for a high school. Entire project was a last minute activity due to equipment failures. Design started in March 2014 and was approximately six weeks from start to finish, bidding and establishing contracts took more time at almost ten weeks to the end of May and construction was allowed only four months including shop drawings review and delivery of all equipment. The new steam boiler systems had to be operational before cold weather set in at the end of September 2014.

CMA Engineering provided complete mechanical, electrical and plumbing design for this boiler system replacement. At the same time another project was started to replace a chiller system at Montcalm High School which had only six weeks from start of construction contract until school was to be ready for start (August 1, 2014). CMA worked with the contractor and various equipment manufacturers and got the new chiller system on line in approximately three weeks.

**Project Budget:** \$998,000.00  
**Construction Cost:** \$995,445.00  
**Owner Contact:** Leslie Wellman, Director of Purchasing  
Mercer County Schools  
(304) 920-5635  
**Completion Date:** 2014  
**Note:** Project funded by SBA MIP fund.

Clingenpeel/McBrayer & Associates, Inc.



**Project Description:** CMA Engineering provided mechanical and electrical design for three elementary schools: Cranberry- Prosperity, Crescent and Mabscott. These schools required the addition of 60+ individual classroom air conditioning units as where previous Additional design for split systems, exhaust, and roof-top a/c units were also required to add cooling and ventilation to restrooms, gymnasiums and cafeterias. With the addition of new HVAC units, electrical design was also performed to upgrade the power entries at each school. Limited scope alternatives for partial and full demolition of existing heating water systems were added to the design documents in order to permit higher flexibility in the project budget during bidding. CMA acted as Prime Consultant on the project.

Project is currently proceeding into the bidding phase.

**Owner Contact:** Rod Lively  
Raleigh County Schools  
105 Adair Street  
Beckley, WV 25801  
(304) 256-4565 x4732

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## South Harrison High School HVAC Renovations



**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

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CMA Engineering provided research and design services for a technical study to determine all utility-related loads for four (4) separate building designs for each of the ten (10) WVDOH District Headquarters Offices around the State. Designs were evaluated for both gas-heated and all electric buildings with the resulting utility loads and data tabulated for each building design. This information can be used for utility service applications for any location in the State. In each case, an on-site, standby emergency power system was designed to provide full, 100% back-up of all power requirements.

Owner Contact: Brian Cooper  
WV Department of Highways  
(304) 637-0220  
brian.k.cooper@wv.gov

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CMA Engineering provided design and contract administration services for a new 54,500sf all-electric armory facility including an on-site, standby emergency power system designed to provide about 40% of the overall power requirements of the facility in addition to an electrically driven fire pump. Plans were provided to allow an additional engine/generator set to be installed to more than double the system's capacity in the future. Designs included a portable on-site, standby emergency power system for the facility's lift station, and coordination of the campus' complete underground medium-voltage power and telecommunications systems.

Owner Contact: Major Rocky Hodges  
WV Army National Guard  
(304) 561-6353  
Rocky.Hodges@us.army.mil

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

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



CMA Engineering provided design and contract administration services for a new 57,100sf armory facility including an on-site, standby emergency power system designed to provide 100% of the overall power requirements of the facility in addition to an electrically-driven fire pump. The building consists of an armory combined with a 911 center. Designs included a coordination of the campus' complete underground medium-voltage power and telecommunications systems and separation of the armory's and 911 center's telecommunication networks.

Owner Contact: Major Rocky Hodges  
WV Army National Guard  
(304) 561-6353  
Rocky.Hodges@us.army.mil

Clingenpeel/McBrayer & Associates, Inc.

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

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

## Canaan Valley Ski Resort



CMA Engineering provided the electrical designs and specifications for the recently completed renovations and upgrades for the winter ski facilities at Canaan Valley Resort and Conference Center. The improvements included interior remodeling of three of the existing buildings for skier services and support adjacent to two of the three main lift stations, plus a new skier warming and rest station for the relocated tube run park. Interior remodeling work included lighting, HVAC and plumbing fixture replacements. Exterior work included renovations of an outdoor plaza for skiers with pole lights and a fire pit. Two new skier conveyors were added at the site, one for a new beginners slope area and one for the new tube run park. Exterior, weatherproof, pad-mounted 480-volt, three-phase switchgear was installed at the base of the two main lifts to serve the new conveyor, site lighting and new snow making equipment for the ski slopes and at a water booster pumping station at the mid-point elevation. Similar switchgear and a transformer were installed to serve the new buildings at the tube run park, site lighting, conveyor and snowmaking equipment for the tube run slopes. New exterior lighting fixtures and hinged poles were installed adjacent to the new conveyors to provide night use of the facilities. Two existing 208-volt, three-phase power services were upgraded for the improvements. Power services for the existing buildings were upgraded to provide both ground-fault and surge protection. CMA worked closely with Monongahela Power, the local power utility, on the power services and improvements and coordinated with another electrical design consultant at the site to provide new fiber-optic telecommunications services between the ski area facilities and the Park's main lodge while other renovations were in progress at the lodge.

Owner Contact: Bradley S. Leslie, P.E.  
WV Division of Natural Resources  
(304) 558-2764 Ext. 51823

Clingenpeel/McBrayer & Associates, Inc.

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(304) 343-0316 phone (304) 343-5146 fax

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## West Virginia National Guard

### Emergency Power Projects



#### Welch Armory

CMA Engineering provided electrical design services for the replacement of the existing 400-amp, 120/208-volt, 3-phase, 4-wire service with 1000 amp, relocated metering equipment to the exterior of the building, and the addition of an emergency standby engine/generator set and manual transfer switch for emergency power. Electrical construction budget \$53,000.



#### Dunbar Armory

CMA Engineering provided electrical engineering design services for the replacement of existing 600 AMP electric service and entrance located in Unit Supply Room with new 1000Amp panel and entrance to be located in Boiler Room, new 200 kw emergency generator and emergency distribution panel, new duplex receptacles with isolated ground for voice and data systems and relocated existing phone and fire alarm panels from Unit Supply Room to Boiler Room. Electrical construction budget \$120,000, does not include generator.



#### Bluefield Armory

CMA Engineering provided electrical design services for the upgrade of the present electrical power service (800-amp, 120/208-volt, 3-phase, 4-wire) to 1200-amp and the addition of a 150kw diesel-fired emergency standby engine/generator set with a 600-amp, 3-pole manual transfer switch. Electrical construction cost \$160,000, includes generator.

Clingenpeel/McBrayer & Associates, Inc.

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

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



### **WVDOH District 8 Equipment Shop, Elkins**

CMA provided design and construction administration services for all mechanical, electrical and plumbing systems, including an on-site, standby emergency power system to provide full, 100% back-up of all power requirements, for new 20,500sf facility. Project is currently in the bidding phase.



### **New Putnam County 911 Center**

CMA provided design services for the HVAC, plumbing, fire alarm, fire sprinkler, electrical and communications systems for the new single story 911 Facility(11,700sf) and new two story maintenance garage(5,000sf) with six maintenance bays on lower level and storage area (1,500sf) on second level. Design included an on-site, standby emergency power system.



### **New Raleigh County 911 Center**

CMA Engineering provided design and construction administration services for all mechanical, electrical and plumbing systems, including an on-site, standby emergency power system.



### **Monongalia County Building**

CMA Engineering provided mechanical, electrical and plumbing design services for the new three-story, 30,000sf facility and 4,000sf, insulated metal shell, mechanical penthouse. Design included an on-site, standby emergency power system for the law enforcement facility.

Clingenpeel/McBrayer & Associates, Inc.

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

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





**Davis  
MedicalCenter**

812 Gorman Avenue • Elkins, WV 26241 • 304.636.3300 • Fax 304.637.3435 • [davishealthsystem.org](http://davishealthsystem.org)

February 12, 2016

To Whom it May Concern,

We are writing this letter of recommendation for CMA Engineering, and Timothy Cox, President. We have worked exclusively with Tim and CMA Engineering for the past fifteen years. Tim and his staff are very professional and punctual and continue to be an integral part of our construction projects.

CMA Engineering has provided services for us on numerous projects for all of Davis Health System. Tim has been involved from the conceptual phase thru the end of construction on projects for us such as a replacement facility for Broadus Hospital in Philippi, WV, a new Cancer Care center in Elkins, WV, numerous MEP projects for Davis Medical Center, and the Addition to Davis Medical Center in Elkins, WV. These projects range from 3,000 square foot buildings to 80,000 square foot additions and numerous mechanical renovation projects.

Tim Cox and CMA Engineering have proven themselves time and time again to us by providing innovative and cost effective designs. We are pleased to recommend them for your consideration.

Sincerely,

Steven Johnson, CHFM  
Director of Support Services  
304-637-3129

Sincerely,

Jeri Pastine, RE, CHFM  
Project Coordinator  
304-637-3521







1200 J.D. Anderson Drive  
Morgantown, WV 26505  
phone 304-598-1200  
www.mongeneral.com

February 3, 2016

To Whom It May Concern:

I am writing on behalf of CMA Engineering as a recommendation of their engineering services. Mon General Hospital has utilized CMA to perform design and construction administration tasks on various projects located throughout our facility. CMA has demonstrated proficient knowledge of current codes and specific design requirements and regulations which govern modern design of hospital HVAC, electrical and plumbing systems. I recommend CMA Engineering as an MEP engineering consultant for design and construction review processes.

Thank you.

Sincerely,

Dan Wheeler, Facilities Project Manager  
Monongalia General Hospital  
Morgantown, WV 26505





OR. MARK A. MANCHIN  
Superintendent

## HARRISON COUNTY SCHOOLS

408 E. B. SAUNDERS WAY  
POST OFFICE BOX 1370  
CLARKSBURG, WEST VIRGINIA 26302-1370  
(304) 326-7300  
FAX (304) 624-3361

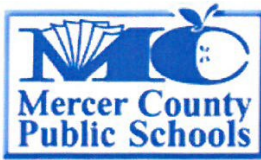
BOARD OF EDUCATION  
DOUGLAS K. HOGUE, *President*  
FRANK DEVONO, JR. *Vice President*  
MICHAEL DAUGHERTY  
GARY M. HAMRJCK  
KRISTIN MESSENGER

To whom it may concern :

This letter is in reference to CMA engineering . CMA Engineering has successfully completed several projects in past and recent years for Harrison county schools . CMA Engineering designed and engineered total hvac renovations at South Harrison High School , South Harrison Middle School , and Salem Elementary School with minimal design issues and change orders . All three schools are very operable and economical as a result of CMA Engineering . CMA Engineering designed and engineered glycol and glycol installation at Robert C. Byrd high school , Bridgeport middle school , Big Elm Elementary school , and Nutterfort elementary school for Harrison county schools that also proved to be another successful project . In 2014 CMA Engineering successfully designed and completed fire alarm replacements at Robert C. Byrd High School , Nutterfort Elementary school , and Lost Creek Elementary School . During the 2015 year CMA Engineering assisted a local mechanical contractor to complete the hvac portion of a 5 million dollar energy project done by Harrison County Schools . During the later portion of 2015 CMA completed work on chiller replacements at Liberty High School and Johnson Elementary School . Also during the same time designed and completed fire alarm replacements at Bridgeport Middle School and South Harrison Middle School .

Currently Harrison County Schools is working with CMA on a Food service and Transportation project that include three phase electrical design , sixty bus parking facility lighting and power design , large cooler /freezer food storage facility and environmentally controlled dry food storage facility . Harrison County Schools has a good working relationship with CMA Engineering and has always found them to be very capable of the design and engineering of any mechanical project large or small . I have found the CMA Engineering staff to be very professional , knowledgeable , prompt , and courteous . I would highly recommend CMA Engineering for any project and feel very confident they would complete the project on time and on budget .

Joe Ammons  
  
Director of Maintenance  
Harrison County Schools



**PURCHASING DEPARTMENT**  
1403 Honaker Avenue, Princeton, West Virginia  
(304) 487-1551, Fax (304) 425-5011  
**Deborah S. Akers, Ed.D., Superintendent**  
Bids are posted at: <http://boe.merc.k12.wv.us/purchasing>

February 1, 2016

To Whom It May Concern:

We have had the opportunity to work with CMA Engineering on several projects in recent years. These projects ranged from the new Pikeview Middle School, a large SBA funded boiler replacement project on down to assisting us in finding a solution to poor ventilation/standing water under our main MCTEC building. In December of last year, we had a need to contract with an electrical engineer for a metal building we plan to have erected and when questioned as to which engineer we should use, I immediately said CMA.

I have found CMA, Tim Cox and the entire staff to be very professional, accurate and cost conscious. Plans were delivered timely and accurately. All projects came in at or under budget with no change orders, other than one which our Maintenance Director requested.

It is critical that we have strong engineers that we can rely upon. The Mercer County Board of Education has found CMA to be one we rely upon frequently. Based upon my experience with CMA, I would highly recommend them to other organizations as well.

Regards,

A handwritten signature in blue ink that reads 'Leslie H. Wellman'.

Leslie Wellman, CPA  
Purchasing Director





N Visions has designed and administered the construction of over 200 million dollars of projects in West Virginia since 1985.

N Visions has experience in a wide range of architectural projects including educational, institutional, healthcare, housing, public and private facilities for developers and non-profits, historic preservation, and residential properties.

Design is the heart of a successful project. It is important to provide the proper aesthetics, functional relationships, space planning, and to be a good neighbor in the community and meet the project budget. N Visions will make certain that your project is successful for both the owner and the community.

### FACILITIES PLANNING AND PROGRAMMING

Determining the actual needs of the client and how to adapt them to the available environment is essential for a successful project. N Visions will assist in defining the needs and desires of the client/user prior to the design of the project.

### SITE EVALUATION

N Visions Architects can provide studies of potential project sites for evaluation by the Owner. Geotechnical, utility, environmental, and property utilization will be evaluated, to allow the Owner to make a site selection decision.

### EXISTING FACILITIES EVALUATION

Use of existing facilities requires an educated understanding of potential opportunities and risks that may be encountered. N Visions will assist the Owner in determining how to best enhance the use and reduce the risks to reach a solution.

### CODE COMPLIANCE

The State Fire Marshal, School Building Authority, U.S. Army Corps of Engineers, State Historic Preservation Office, Health Department, and other agencies have specific requirements that must be addressed in all building projects. N Visions has worked with these agencies, and others, on numerous projects, and is familiar with their personnel and regulations. N Visions has a positive working relationship with these agencies, and in many cases involves them early in the design process, which translates into benefits to the Owner.

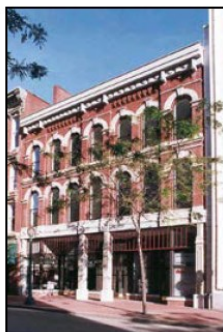




**AIA West Virginia 2008 Craftsmanship  
Award for Excellence in Craftsmanship**  
Sissonville Middle School



**AIA West Virginia 2008 Honor Award  
For Excellence in Architecture**  
Fairmont State University  
Student Activities Center



**AIA West Virginia 1993 Honor Award**  
Trans Allegheny Books, Charleston, WV

**AIA West Virginia 1991 - Honorable Mention**  
McCabe-Henley Properties, Inc.  
Charleston, WV

**Charleston Renaissance Corporation  
Best Development**

Capitol City Building, Charleston, WV  
Trans Allegheny Books, Charleston, WV  
200 Hale Street, Charleston, WV  
The Gates Building, Charleston, WV  
210 Hale Street, Charleston, WV

**WV Home Building Association  
Best Multi-Family Developer**

Governor's Court Apartments,  
Charleston, WV  
Woodbridge Condominiums,  
Teays Valley, WV



**City of Charleston  
Distinguished Design Development**  
Summers Square, Charleston, WV

**HUD – Project of the Year 2000**

YWCA Transitional Housing  
Charleston, WV



**Associate Builders and Contractors, Inc.  
2005 Excellence in Construction**

YWCA Senior Housing  
Charleston, WV

## REFERENCES

Chuck Wilson, Kanawha County Board of Education  
3300 Pennsylvania Avenue, Charleston, WV 25302, 304-348-6148

Nitro High School Commons Addition/Renovations, Nitro, WV  
East Bank Middle School Renovation, East Bank, WV  
New Sissonville Middle School, Sissonville, WV  
South Charleston Middle School Elevator, Windows, Toilet Renovation  
Montrose Elementary HVAC and Window Replacement  
Nitro High School HVAC and Toilets Renovation  
Herbert Hoover High School Addition and Renovation  
Elkview Middle School Addition and Renovation  
South Charleston High School Addition and Renovation  
George Washington High School Addition and Renovation  
Auxiliary Gyms – Four County high schools  
Piedmont Elementary Addition and Renovation

Brooks McCabe, McCabe • Henley  
P. O. Box 11108, Charleston, WV 25339, 304-342-4415

Summers Square, Summers and Quarrier streets, Charleston, WV  
Capitol City Building, Capitol and Quarrier streets, Charleston, WV  
One Kenton Drive, Northgate Office Park, Charleston, WV  
KB & T Building, Capitol Street, Charleston, WV  
The Strand, Hale Street, Charleston, WV

Cindy Barnette, Senior Vice President, Thomas Health System, Inc.  
4605 MacCorkle Avenue, SW, South Charleston, WV 2530  
304-766-3710

Thomas Memorial Hospital  
Saint Francis Hospital

Rick Atkinson, Central West Virginia Regional Airport Authority,  
100 Airport Road, Suite 175, Charleston, WV, 304-344-8033

Yeager Airport Parking Facility  
Yeager Airport, John D. Rockefeller IV Terminal  
Passenger Access Control and ADA Accessibility



# RESUME



**GEORGE M. SOLTIS, AIA, NCARB**  
**Principal/ President**

## **Academic Experience**

Bachelor of Architecture with Distinction  
University of Kentucky – 1977  
Conservation USA – 2007

## **Registration**

N. C. A. R. B. No. 55,660  
Active: West Virginia, Virginia, Kentucky,  
Inactive: Tennessee

## **Professional Associations**

AIA/WV West Virginia  
AIA American Institute of Architects

## **Civic Organizations**

Boy Scouts of America  
Buckskin Council Executive Board  
Troop 195 Committee Member

Boy Scouts of America, Order of the Arrow,  
Central Region C4B,  
Section Advisor

Health Appeals Board,  
City of South Charleston

## **Responsibility**

Principal-in-Charge, Administration/Design  
Principal and Owner of N Visions

## **Project Experience**

## **Educational**

**- Over 20 years Educational Experience**

New Sissonville Middle School  
East Bank Middle School  
Herbert Hoover High School  
Addition/Renovations  
Sissonville Branch, Kanawha County Library  
George Washington High School  
Addition/Renovations  
South Charleston High School  
Additions/Renovations  
Elkview Middle School Additions/Renovations  
South Charleston Public Library  
Addition/Renovation  
Kanawha County Schools Football Fields  
Bleachers and Renovations



# RESUME



## **Commercial**

Ream Interests Office Building  
Tri-State Racetrack & Gaming Center  
Summers Square Office Building –  
One Kenton Drive/Northgate Office Building  
Capitol City Building/Renovation/Restoration

## **Health Care**

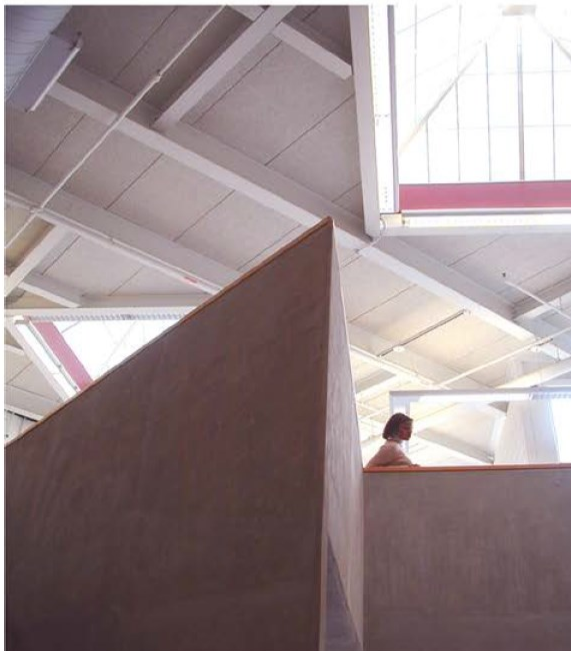
- Over 25 years Health Care Experience

Thomas Memorial Hospital –  
South Charleston, WV  
St. Francis Hospital – Charleston, WV  
IRC Rehabilitation Clinic – South Charleston, WV  
Stickler Medical Office Building – Charleston, WV  
St. Mary's Hospital – Huntington, WV  
Montgomery General Hospital – Montgomery,  
WV  
St. Joseph's Hospital – Buckhannon, WV



## **Public/Government**

New United States Postal Facilities—  
Hurricane, WV  
Martinsburg, WV  
Bluefield, WV  
Princeton, WV  
Beckley, WV



## **Historic Architecture**

Historic Architect,  
Meeting NPS 36CFR61.9 WV

Restoration of West Virginia  
Governor's Mansion Porch  
Criel Mound Park Master Plan  
Restoration/Renovation of  
Criel Mound  
Locomotive Shelter,  
Chief Logan State Park  
Gates Building, Charleston, WV  
Renaissance Tower, Charleston, WV  
USPS Point Pleasant, WV  
USPS Bluefield, WV





# Background



Moment Engineers, Inc. is a professional consulting firm specializing in structural engineering. We serve the architectural and building construction communities throughout West Virginia. Based in Charleston, West Virginia at 179 Summers Street, Moment Engineers was founded by Douglas Richardson in early 2005.

During his more than 25 years of experience, Mr. Richardson has had sole responsibility for the structural engineering design of more than 6 million square feet of built space. The construction costs of these projects exceeded a half billion dollars. His experience, which ranges from small to very large multi-phase projects, is invaluable in providing the technical expertise and creative flexibility to deliver results in a prompt and reliable manner.

Our staff's experience encompasses a wide variety of building types and sectors, and our expertise includes design analysis for steel, concrete, masonry, and wooden structures.



# Resume



Douglas R. Richardson, PE, LEED AP  
Principal Engineer

## Education

North Carolina State University, (8/87-5/89).

Masters of Science in Civil Engineering, major in  
structures and minor in construction.

GPA 4.0/4.0.

West Virginia University, (8/83-8/87)

Bachelors of Science in Civil Engineering.

Ranking: 1st out of approximately 450 College  
of Engineering graduates. GPA 3.98/4.0.

## Professional Registration

Professional Engineer - WV, VA and KY

Maintains active record with NCEES to facilitate  
prompt registration in additional states as  
required.

LEED Accredited Professional

## Professional Affiliations

American Society of Civil Engineers

American Concrete Institute

American Institute of Architects, Professional Affiliate  
Structural Engineering Institute

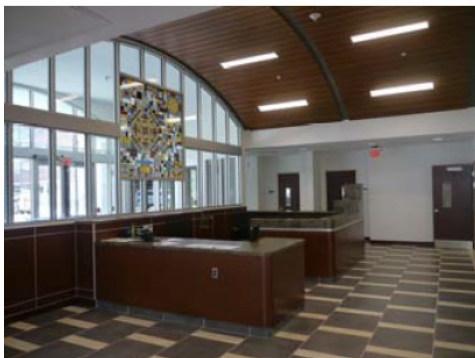
Timber Framers Guild

US Green Building Council

Engineers Without Borders-USA







## Sample Project Experience

Moment Engineers staff experience includes a wide variety of new building design and existing structure evaluation and renovation. The list below is a small sample of the projects for which our staff has had responsible charge of the structural engineering, design and contract document production. All projects listed were or are being constructed in West Virginia. A more extensive list is available upon request.

<u>Project</u>	<u>Sq. Ft.</u>
William R Sharpe Jr Hospital HVAC Renovations	186,000
Logan State Office Building	53,200
Lewis County Judicial Annex	28,000
Cacapon State Park Addition	9,840
Summit Bechtel Reserve Bathhouses (358 units)	646 ea.
Mountaineer Challenge Academy	47,790
Kappa Alpha Fraternity House, WVU	14,000
Greenbrier East H.S. Renovations & Additions	205,060
Lincoln Co. High School	216,500
Wayne Co. Spring Valley High School	175,000
Cabell West Elementary School	55,790
Judge Donald F. Black Courthouse Annex	37,000
WV Hospital Association Office Building	29,710
Glen Jean - AFRC	107,090
Elkins - AFRC	60,570
Robert C. Byrd Regional Training Institute	143,000
Alderson Federal Prison Dormitory	60,620
Western Juvenile Detention Center	29,020
Lewisburg United Methodist Church	12,800
West Liberty University Health Sciences Bldg	70,500
Goodwill Industries Renovation and Addition	15,460
NGK-NTK Production Facility	78,000
Advantage Valley Advance Technology Center	55,040





**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.

**Addendum Numbers Received:**

(Check the box next to each addendum received)

☒ 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.

CMA Engineering  
Company

Daniel L. Ellan  
Authorized Signature

2/23/2016  
Date

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

# State of West Virginia

## VENDOR PREFERENCE CERTIFICATE

Certification and application\* is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37. (Does not apply to construction contracts). **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

**1. Application is made for 2.5% vendor preference for the reason checked:**

- \_\_\_\_ Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or**,  
 \_\_\_\_ Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or**,  
 \_\_\_\_ Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or**,

**2. Application is made for 2.5% vendor preference for the reason checked:**

- \_\_\_\_ Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,

**3. Application is made for 2.5% vendor preference for the reason checked:**

- \_\_\_\_ Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,

**4. Application is made for 5% vendor preference for the reason checked:**

- ✓ \_\_\_\_ Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or**,

**5. Application is made for 3.5% vendor preference who is a veteran for the reason checked:**

- \_\_\_\_ Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or**,

**6. Application is made for 3.5% vendor preference who is a veteran for the reason checked:**

- \_\_\_\_ Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

**7. Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules.**

- \_\_\_\_ Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

**Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.**

Bidder: CMA Engineering

Signed: Daniel L. Ellman

### CERTIFICATION AND SIGNATURE PAGE

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

CMA Engineering  
(Company)

Daniel L. Ellars Daniel Ellars, Principal  
(Authorized Signature) (Representative Name, Title)

(304) 343-0316 (304) 343-5146 2/23/2016  
(Phone Number) (Fax Number) (Date)

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 EngineeringAuthorized Signature: *Daniel L. Ellison* Date: 2/23/2016State of WVCounty of Kanawha, to-wit:Taken, subscribed, and sworn to before me this 23 day of February, 2016.My Commission expires September 16, 2020.**AFFIX SEAL HERE****NOTARY PUBLIC***Cindy L. Looney*  
Purchasing Affidavit (Revised 07/01/2012)