



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

State of West Virginia
 Centralized Expression of Interest
 02 - Architect/Engr

Proc Folder: 202118

Doc Description: Addendum No.01; Workman Fish & Wildlife Education Center

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2016-05-24	2016-06-02 13:30:00	CEOI 0310 DNR1600000018	2

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

Vendor Name, Address and Telephone Number:

CMA Engineering
 824 Cross Lanes Drive
 Charleston, WV 25313
 (304) 343-0316

06/02/16 08:40:15
 WV Purchasing Division

FOR INFORMATION CONTACT THE BUYER

Guy Nisbet
 (304) 558-2596
 guy.l.nisbet@wv.gov

Signature X *Daniel Lee Ellar*

FEIN # 55-0659239

DATE 6/01/16

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

SISSONVILLE MIDDLE SCHOOL



Sissonville Middle School
5950 Sissonville Road
Sissonville, West Virginia

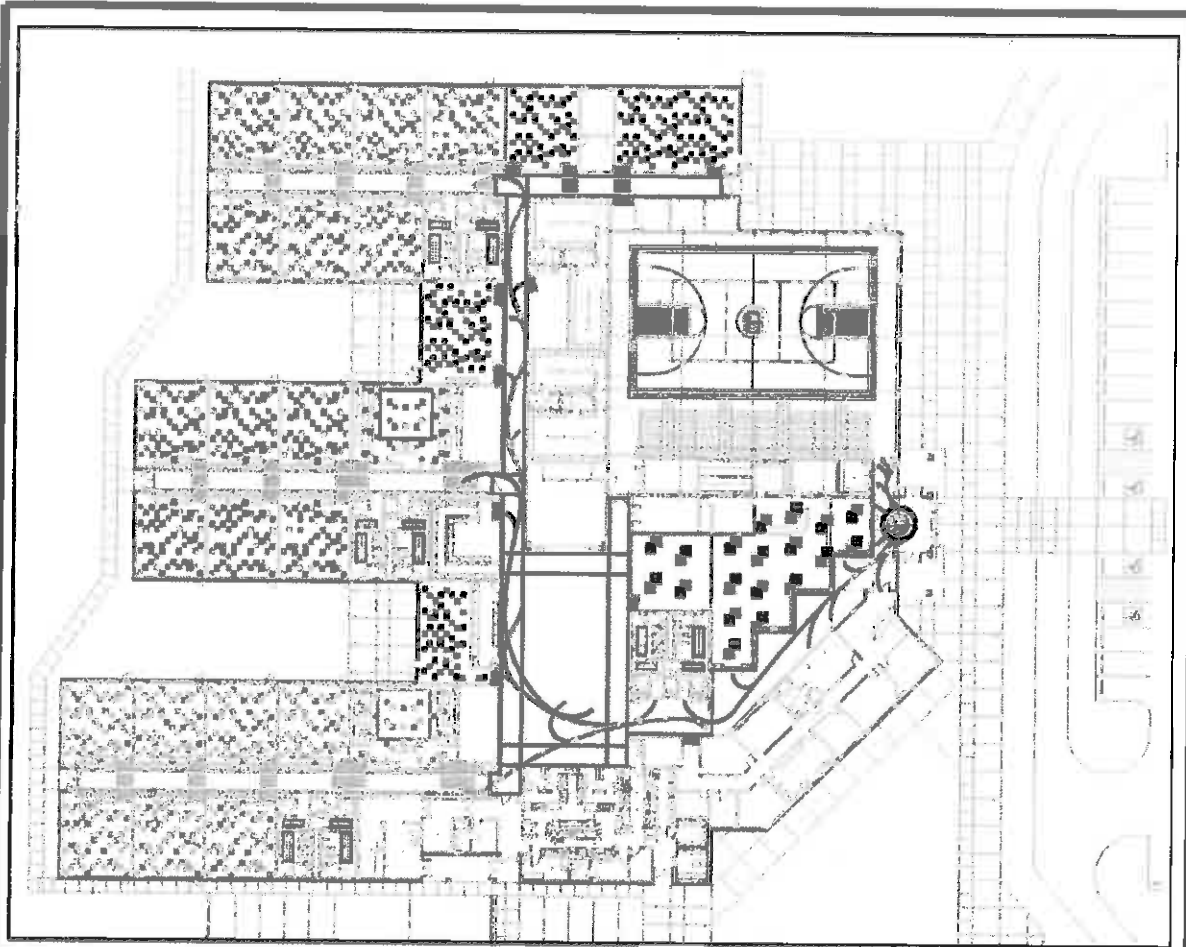
New construction consisting of
classrooms, gymnasium,
commons/cafeteria, kitchen,
media center, administrative
offices, band/choir room,
toilets, and related site work

Size: 70,000 sf
Cost: \$ 17,000,000
Completion: 2007

SISSONVILLE MIDDLE SCHOOL



SISSONVILLE MIDDLE SCHOOL



GEORGE WASHINGTON HIGH SCHOOL



George Washington High School
1522 Tennis Club Drive
Charleston, West Virginia

New classroom wing with 15 classrooms, two gang toilets, additional commons area with a new entry, an auxiliary gym, and renovations to existing office area, lower level classrooms, library, and miscellaneous area for teacher offices.

Size: Addition /renovation	35,462 sf
	9,000 sf
Construction Cost:	\$ 3,400,000
Completion:	2002

VISIONS

A · R · C · H · I · T · E · C · T · S

Stafford Consultants, Inc. Profile

Stafford Consultants Inc. was formed in 1985 from a core group of employees of Gates Engineering Company. After many successful years of operation, Gates Engineering Company was bought by a large design / build firm that later decided to divest the consulting engineering firm. Two original partners and five other employees have been with the firm since its inception.

Currently, Stafford Consultants employs a total staff of sixteen, including four registered professional engineers. Our high ratio of professional to total employees is indicative of the importance we place on providing professional service to our clients. Mr. Edward L. Shutt, P.E. now serves as president of the firm.

Our firm is a full service Engineering firm that provides services in Civil, Structural, Highway, Bridge, Airport, Environmental, and Sanitary Engineering. We have been providing engineering services for water, sewer and general civil projects for more than twenty seven years. Although our main emphasis is toward the municipal utility market, our firm is highly qualified and capable of completing varied civil and structural projects. The football stadiums at West Virginia and Marshall University, buildings at Virginia Tech, sidewalks for the City of Princeton, artificial turf for the Princeton Senior High School football field, and master planning of athletic facilities at Virginia Tech and Marshall are prime examples.

Stafford has provided site civil and structural engineering design services, many in association with architectural firms, since the firm was founded. Representative projects include Chapmanville High School, Parkersburg High School, Parkersburg South High School, Williamstown High School, Hilltop Elementary School, Wheeling Park High School, Cameron High School, Weirton Elementary School, Brooke County Middle School, the Chuck Mathena Center for Performing Arts in Princeton, the Merriman Athletic Facilities Building at Virginia Tech, Oakvale Elementary School, Mercer County Health Center, and the North Central Advanced Technology Center.

All structural projects and site civil projects at Stafford are managed by Kenneth R. Crowe, P.E. Kenneth has over thirty-four years of structural, transportation and site civil engineering experience. He is assisted in this work by Kevin Smith, engineering and CAD technician. Kevin is experienced and particularly adept at site grading, pavement, drainage, and water and sewer layout.



The Chuck Mathena Center in Princeton and the tennis court at Williamstown High School are representative of Stafford's structural and site development capabilities.





KENNETH R. CROWE, P.E.
VICE PRESIDENT

EDUCATION:

West Virginia Institute of Technology
Bachelor of Science, Civil Engineering (1976)

REGISTRATIONS/AFFILIATIONS:

Registered Professional Engineer in
West Virginia (1980) and Virginia (1981)

EXPERIENCE:

Stafford Consultants Incorporated (1985 to present)
Gates Engineering Company (1981 to 1985)
Westmoreland Coal Company (1976 to 1981)

PROJECT MANAGER AND DESIGN ENGINEER:

- Cameron High School, Marshall County – site work
- Weirton Elementary School, Hancock County – site work
- Hilltop Elementary School, Marshall County – site work
- Williamstown High School renovations, Wood County – site work
- Bayer Federal Credit Union, Ohio County – site work
- Brooke County Middle School, Brooke County – structural and site work
- Oak Glen High School Multi-use Stadium, Hancock County – site work
- Marshall University Married Student Housing, Huntington, WV – structural renovation work
- Princeton Renaissance Theater Renovations, Princeton, WV – structural renovation work
- Mercer County Health Center in Green Valley, WV – structural and site work
- Oakvale Elementary School in Oakvale, WV – structural and site work
- North Central Advanced Technology Center in Marion County, WV – structural work
- Merriman Athletic Facilities building at Virginia Tech – structural and site work
- 25 projects for the WVDoH including Cass Arch Bridge (*WVDoH Small Bridge Engineering Excellence Award Winner*), Minerai Wells I-77 Interchange Overpass Bridge (*WVDoH Small Bridge Engineering Achievement Award Finalist*), Camden Avenue I-77 Bridge, Grapevine Creek Bridge (*WVDoH Small Roadway Engineering Excellence Award Winner*), North Lewisburg Road Widening (*WVDoH Small Roadway Engineering Achievement Award Finalist*), and Mullens Overhead Bridge.
- 21 mine reclamation projects for the WVDEP, including Williamson Nursing Home Slide, Milburn Red Dog Pile, Mill Branch Refuse Piles, Canebrake Complex, and Matoaka Refuse Pile.



STACY A. FOWLER, P.E.
PROJECT MANAGER

EDUCATION:

Bluefield State College
BS, Civil Engineering Technology (1995)
University of Central Florida
Master of Science, Civil Engineering (2007)

REGISTRATIONS/AFFILIATIONS:

Registered Professional Engineer in West Virginia (2002),
Georgia (2003), and Florida (2007)

EXPERIENCE:

Stafford Consultants Incorporated (2009 to present)
Engineering Design and Construction, Inc. (2004-2009)
Port St. Lucie, FL Utility Systems Dept. (2001 to 2004)
Velcon Group, Incorporated (1998 to 2001)

Pentree, Inc. (1998)
Computects, Incorporated (1997-1998)
Visualizations, Incorporated (1995-1997)
Pentree, Inc. (1995)

PROJECT MANAGER AND DESIGNER:

- Meadow Bridge Sewer Improvements Project for the Town of Meadow Bridge, WV
- Mercer/Summers Phase IV-A Waterline Extension for Oakvale Road PSD – 8 miles of water main, storage tank and pressure reducing stations near Oakvale, WV
- Town of Rainelle Water System Expansion Project in Greenbrier County, WV
- Renovations to the Welch Water Treatment Plant for the City of Welch, WV
- Southern Grove Master Drainage Model for 3,600 acre development in Port St. Lucie, FL
- Tradition Operable Structures within the Tradition Development in Port St. Lucie, FL
- Tradition Master Control Structure spanning 50' wide drainage canal for 1,500 acre land development project in Port St. Lucie, FL
- Western Grove Master Drainage Model for 1,550 acre development in Port St. Lucie, FL
- Peacock Canal Relocation and Maintenance – included stream restoration and relocation for 3,000 acre land development in Port St. Lucie, FL
- Chester Brook Academy – paving, grading, and drainage plans along with permitting for 10,000 sq.ft. day care facility in Port St. Lucie, FL
- Port Consolidated – paving, grading, and drainage plans along with permitting for a 2 acre fueling station in Fort Pierce, FL
- B-Shaped Lake – construction plans, permitting, and contract administration for 2 acre, 80' deep lake for stormwater system in Port St. Lucie, FL



KEVIN G. SMITH
DESIGNER/CADD TECHNICIAN

EDUCATION:

Raleigh County Vocational Ed. Center (1979)

REGISTRATIONS/AFFILIATIONS:

Civil I and Civil II Certificates

EXPERIENCE:

Stafford Consultants Incorporated (1998 to present)
Computects and DBD Professional Group (1998)
G. A. Tice Incorporated (1992 to 1997)
ESP Associates (1986 to 1992)
G. O. Bledsoe Incorporated (1981 to 1986)
Holly, Kenny, Shott (1980 to 1981)

DESIGNER AND CADD TECHNICIAN:

Assists with all phases of project development, from initial site survey to preparation of base mapping, project layout (roadways, parking, water, and sewer), geometric layout, erosion & sediment control plans, profiles, structural plans, and detail sheets. Projects include:

- 12 projects for the WVDoH including Coalfields Expressway, Grapevine Creek Bridge, Hutchinson Branch Bridge, Cass Arch Bridge, Mullens Bridge, North Lewisburg Roadway Widening, Bellepoint Road Widening, West Webster Road Intersection, and Craigs ville Intersection.
- Chapmanville Regional High School in Chapmanville, Logan County (site layout)
- Parkersburg South High School in Parkersburg, Wood County (site layout)
- Bayer Federal Credit Union in Moundsville, Marshall County (site layout)
- Hilltop Elementary School in Sherrard, Marshall County (site layout)
- Cameron High School in Cameron, Marshall County (site layout)
- Weir High School Stadium in Weirton, Hancock County (site layout)
- Oak Glen High School Stadium in New Manchester, Hancock County (site layout)
- Weirton Elementary School in Weirton, Hancock County (site layout)
- Oakvale Elementary School in Oakvale, Mercer County (site layout and structural)
- Mercer County Health Center in Green Valley, Mercer County (site layout and structural)
- North Central Advanced Technology Center in Fairmont, Marion County (structural)
- Brooke County Middle School in Wellsburg, Brooke County (site layout and Revit structural model)



MATTHEW W. PETERS
PROJECT MANAGER

EDUCATION:

Bluefield State College
BS, Civil Engineering Technology (2010)
Bluefield State College
BS, Architectural Engineering Technology (2009)

REGISTRATIONS/AFFILIATIONS:

None

EXPERIENCE:

Stafford Consultants Incorporated (2009 to present)

TECHNICIAN AND DESIGNER:

- City of Princeton, Mercer County – wastewater treatment plant upgrade
- City of Welch, McDowell County – North Welch Wastewater Expansion
- City of Welch, McDowell County – Contracts 8B, 8C, 8D Stormwater/Sanitary Separation Projects
- Big Bend Public Service District, Summers County – water system expansion
- Town of Alderson, Greenbrier County – wastewater treatment plant upgrade
- City of Richwood, Nicholas County – Hinkle Mountain water system expansion
- Site location surveys for various projects

BUILDINGS & STRUCTURES

PROJECT: Mathena Cultural Arts Center

Owner:

The Charles "Chuck" Mathena, II
Foundation

Location:

Princeton, West Virginia

Construction Cost:

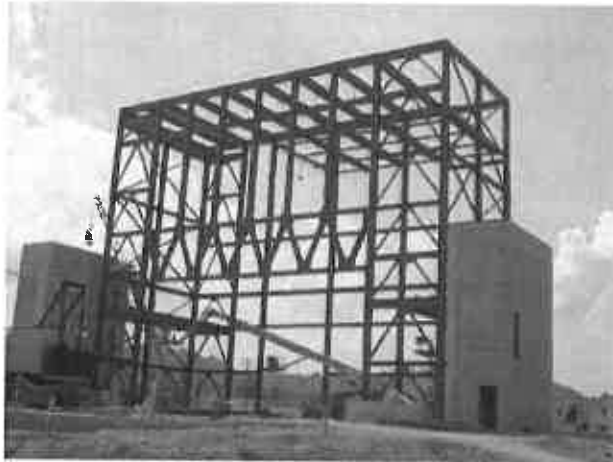
\$10 million

Project Architect-Engineers:

Stafford Consultants, Civil & Structural
In Association with E. T. Boggess,
Architect, Inc., Princeton, WV

Description:

Center for the performing arts and a
multi-use facility featuring a 1,000 seat
auditorium with stage and orchestra pit.
Includes meeting rooms and exhibit hall
with kitchen facilities for receptions,
banquets, etc.



 **STAFFORD
CONSULTANTS
INCORPORATED**
Engineering Design and Consulting

BUILDINGS & STRUCTURES

PROJECT: Merriman Athletic Facilities Building

Owner:
Virginia Tech

Location:
Blacksburg, Virginia

Construction Cost:
\$6.5 million

Project Architect-Engineers:
Stafford Consultants, Civil & Structural
In Association with Ward/Hall
Architects, Fairfax, VA

Description:
42,000 sq.ft. two story facilities building
located between Cassell Coliseum and
Lane Stadium. Contains weight training
facility, auditorium, offices, meeting
rooms, speed and agility gym and
awards exhibit hall.



 **STAFFORD
CONSULTANTS
INCORPORATED**
Engineering Design and Consulting

SPORTS FACILITIES

PROJECT: Marshall University Football Stadium

Owner:
Marshall University

Location:
Huntington, WV

Construction Cost:
\$33 million

Project Architect-Engineers:
Stafford Consultants, Civil & Structural
In Association with Rosser/Fabrap of
Atlanta, GA

Description:
30,000 seat stadium, home of the
Marshall University Thundering Herd.



 **STAFFORD
CONSULTANTS
INCORPORATED**
Engineering Design and Consulting

STAFFORD CONSULTANTS INCORPORATED
GENERAL STRUCTURAL and SITE CIVIL DESIGN PROJECTS

Mountain Eagle Distributing Warehouse Raleigh County Airport Industrial Park	Foundation design for pre-engineered building warehouse addition.
Ronceverte Elementary School Gym Ronceverte, WV	Foundation design for pre-engineered building addition to serve as a gymnasium.
North Central Advanced Technology Center Fairmont, WV	Foundation design, structural design, and retaining wall design for 36,300 sq.ft. three story structure. CMU walls with steel bar joists.
Mercer County Health Center Green Valley, WV	Foundation design, structural design, and site civil design for 11,500 sq.ft. one story structure. CMU walls with steel bar joists.
Oakvale Elementary School Oakvale, WV	Foundation design, structural design, and site civil design for 26,500 sq.ft. two story structure. CMU walls with steel bar joists.
Chuck Mathena Center for the Arts Princeton, WV	Foundation design, partial structural design, and site civil design for 1,000 seat theater and associated service areas. CMU and pre-cast concrete walls with steel frame structure.
Merriman Athletic Facilities Building Virginia Tech, Blacksburg, VA	Foundation design, structural design, and site civil design for 24,500 sq.ft. two story structure. CMU walls with steel frame structure.
Brooke County Middle School Wellsburg, WV	Foundation design, structural design, and site civil design for 112,600 sq.ft. school, consisting of one and two story sections, gymnasium, multi-purpose gym, and auditorium. CMU walls with steel frame structure.
Weirton Elementary School Weirton, WV	Site civil design for a 105,300 sq.ft. elementary school, including two parking lots and access road. Drainage design included an underground stormwater detention system.
Cameron High School Cameron, WV	Site civil design for a 126,000 sq.ft. high school, including two parking lots and access road. The project also included a biological wastewater treatment plant.
Willamstown High School	Site civil design for renovations at the high school to provide parking and sidewalk improvements. Work also included a new tennis court and basketball court.

Oak Glen High School
New Cumberland, WV

Site civil design for renovations and improvements to the high school multi-use stadium and athletic complex. Work included new parking areas, new sidewalks, artificial surface on the football field, synthetic surface on the running track, drainage, and water system improvements.

Hilltop Elementary School
Sherrard, WV

Site civil design for new elementary school including parking, sidewalks, storm drainage, water, and sanitary sewer. Work also included a package biological wastewater treatment plant.

Parkersburg High School
Parkersburg, WV

Site civil design for renovations to the high school including parking improvements, sidewalks, and drainage design.

SITE WORK

PROJECT: Williamstown High School Site Work

Owner:
Wood County Board of Education

Location:
Williamstown, West Virginia

Construction Cost:
\$700,000 (Site Work Only)

Project Architect-Engineers:
McKinley & Associates
Stafford Consultants

Description:
Building addition with associated parking and sidewalk improvement. Also constructed new basketball court and tennis court facility.



 **STAFFORD
CONSULTANTS
INCORPORATED**
Engineering Design and Consulting

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 Lee Ellars DANIEL LEE ELLARS - PRINCIPAL

(Authorized Signature) (Representative Name, Title)

(304) 343-0316 (304) 343-5146 June 1, 2016

(Phone Number) (Fax Number) (Date)

**ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:**

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

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

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 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 Ellans
Authorized Signature

June 1, 2016
Date

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

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 exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: CMA Engineering

Authorized Signature: *Daniel Lee Ellison* Date: June 1, 2016

State of WV

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 1 day of June, 2016

My Commission expires September 16, 2020.

AFFIX SEAL HERE

NOTARY PUBLIC

Cindy L. Leary
Purchasing Affidavit (Revised 08/01/2015)



Expression of Interest for

Architectural/Engineering

Design Services

For

Claudia L. Workman Fish & Wildlife Education Center

CEIO DNR1600000018

June 2, 2016





June 1, 2016

Mr. Guy Nesbit
Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

Re: Expression of Interest – DNR1600000018
Claudia L. Workman Fish & Wildlife Education Center

Dear Mr. Nesbit:

CMA Engineering is pleased to submit, for your consideration, our qualifications and experience in providing professional engineering and architectural services for the design and construction administration of the new 7,000sf education and visitors center in Alum Creek, WV.

CMA Engineering has provided electrical engineering services on numerous projects during our thirty 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 utilize the expertise of N Visions Architects for all architectural services and Stafford Consultants, Inc. for all civil, structural and environmental engineering services. CMA has worked with both firms on numerous and successfully completed projects.

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

Sincerely,
CMA Engineering

Daniel L. Ellars, P.E.
Principal

enclosures

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

Morgantown
5 Riddle Court
Morgantown, West Virginia 26505
(304) 598-2558 tel
(304) 598-2472 fax

1

CMA Engineering
Corporate Profile & Resumes

2

CMA Engineering
Project Experience

3

CMA Engineering
References

4

N Visions Architects

5

Stafford Consultants, Inc

Firm Profile



824 Cross Lanes Dr. Charleston, WV



5 Riddle Court, Morgantown, WV

Services

CMA Engineering is a West Virginia based small business firm, providing services in the areas of HVAC, plumbing, fire protection and electrical engineering. Incorporated in 1986, our firm has always believed that a successful project requires a comprehensive approach. This includes all facets of project development, starting with master planning, working closely with the client, developing the completed construction documents, and working with contractors during the bidding and construction administration phases. However, our depth of expertise goes far beyond the traditional design/bid/build service. CMA Engineering is a proven leader in the design/build delivery method. From developing the performance design criteria for owners to designing the mechanical, electrical and plumbing systems for contractors, CMA has an impressive portfolio of design/build experience.

CMA Engineering maintains its reputation of design and service quality by keeping informed of the latest innovations and technical trends regarding energy-efficiency and sustainability in mechanical, electrical and plumbing design. CMA is the engineer on record for the design/build team for the new West Virginia Consolidated DEP Office Building, the first LEED certified building in the State. Our staff includes an accredited professional for the Leadership in Environmental and Energy Design (LEED) and we incorporate the most efficient and sustainable "green" designs in all of our projects.

History

CMA Engineering has provided engineering design services on numerous projects of varying size and complexity. Clients include architects, industrial companies, governmental agencies, contractors, engineers, developers and private organizations. With offices strategically located in Charleston and Morgantown, our professional staff can provide clients with exceptional hands-on services for planning, meetings, site visits and construction administration without effecting the project's budget.

Experience

For thirty years, CMA has provided mechanical, electrical and plumbing design and contract administration services to various government facilities throughout the State. These facilities and projects range from the design of the WVDOH proto-type District 10 complex, which included the office headquarters, maintenance facility and sign shop, and whose design has been used as a basis for the new facilities in District 1, 6, 7, 8, and 9; to the electrical upgrades at Canaan State Ski Resort to the mechanical, electrical and plumbing design of the new WVNG Elkins Readiness Center. Many times, special site-related issues have complicated design due to remote locations, poor water quality or pressure, unreliable local power systems, etc. CMA has consistently met the challenges and exceeded expectations by customizing design to address all concerns while staying within project schedules and budgets.

CMA Engineering

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



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 30 years of mechanical and plumbing design experience to our clients. Timothy is a Certified Building Commissioning Professional through Association of Energy Engineers.

Project Experience

Design/Build-Criteria Development

Morgantown Events Center
West Virginia University Intermodal Parking
Marshall University Parking Facility
Yeager Airport Facility

Educational Facilities K-12

New Rainelle Elementary School
New Lewisburg Elementary School
Salem Middle School Classroom Addition
Harrison County Schools-HVAC Renovations
Harrison County School-Fire Alarm/Fire Sprinkler Renovations

West Virginia University-Open End Contract since 1999

Coliseum Life Safety Renovations
New Soccer Stadium
New Wrestling Training Facility
Engineering Science Building Addition & Renovations

Military Experience

New Moorefield Readiness Center
New Elkins Readiness Center

Mylan Pharmaceuticals, Morgantown, WV

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

CMA Engineering

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



**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
National Fire Protection Association
Institute of Electrical & Electronics Engineers

Experience

Daniel Ellars, senior 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

Recreational Facilities
Summit Bechtel National Scout Reserve
Canaan Valley Ski Resort

Educational Facilities

New Talcott Elementary School
New Fairdale Elementary School
New Rainelle Elementary School
New Lewisburg Elementary School
New Pikeview Middle School
Overbrook Elementary Additions & Renovations

Emergency Power Systems Design

WVNG-Dunbar Armory
WVNG-Welch Armory
WVNG-Bluefield Armory
Davis Memorial Hospital Addition
Monongalia County Law Enforcement Facility

Military Experience

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

WV Department of Transportation

New District 1 Administration Building
New District 8 Administration Building

CMA Engineering

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

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



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
Member of ASHRAE
WV Society of Healthcare Engineers

Experience

Matthew Corathers, mechanical engineer, joined CMA's professional staff in 2008.

Project Experience

West Virginia University

New two-story Child Care Facility
Engineering Science Building- Laboratory Renovations

West Virginia National Guard

New Elkins Readiness Center
New Moorefield Readiness Center
Clarksburg/Weston Armories Renovations

West Virginia Department of Highways

New District 8 Equipment Shop
New District 7 Administrative Office Building
New District 7 Equipment Shop

Hospital Experience

Davis Memorial Hospital-New Addition
Monongalia General Hospital-Renovations to IT Workroom Cooling
United Hospital Center-New MRI facility
VA Hospital, Clarksburg, WV-Renovations to Dental Lab
Mercer County Nursing Home-Addition

Court Houses

Randolph County Courthouse-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-Renovations

Educational Facilities

Harrison County Schools-Fire Alarm replacement at Robert C. Byrd High School, Nutter Fort Elementary and Lost Creek Elementary

University High School-HVAC Upgrades for use as a middle school

New Rainelle Elementary School-HVAC Design

CMA Engineering

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



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

Educational Facilities

New Sissonville Middle School

New Lewisburg Elementary School

New Talcott Elementary School

Nitro High School Commons Area Renovations

Nitro High School HVAC Renovations

Shady Springs High School Classroom Addition

WV Department of Highways

New District 1 Administration Building

New District 8 Administration Building

New District 7 Administration Building

New District 7 Equipment Shop

WV National Guard

New Elkins Readiness Center

New Moorefield Readiness Center

New Summersville Readiness Center

New Lewisburg Readiness Center

St. Albans Armory Renovations and Addition

Gassaway Armory Renovations and Addition

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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**National Radio Astronomy Observatory
Visitor and Education Center -Greenbank, WV**



CMA Engineering provided mechanical, electrical and plumbing design for new 24,500sf facility to serve as a visitor center to educate the public about radio astronomy, telescopes and the on-going scientific work at NRAO. Facility included 4,000sf exhibit hall, glass observation lobby and café, fixed seat auditorium, classrooms and computer labs, retail gift shop, offices, outdoor patio and covered outdoor areas.



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Country Roads Byway Facility, Logan, WV



CMA provided electrical and mechanical design and contract administrative services a 1,600 square foot visitor's center with a main display area, public restrooms, and a break area for the attending staff. The main display area housed free-standing and wall-mounted displays, interactive displays, videos, a byways orientation model, and an information desk. The various themes of the displays included a history of labor, coal, and the railroad in the area, recreational activities available there, and the Hatfield and McCoy's Feud. Central heating and cooling were provided for the main display area and the staff break area. Modern, high-efficiency lighting fixtures were selected which appeared as older, early 20th century fixtures inside the display area, on the outside of the building, and in the adjacent parking lot.



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CMA Engineering provided mechanical, electrical and plumbing design for new 16,118st facility which houses Erickson Alumni Center, the Wilkes Family Chapel, the Wilkes Museum and offices. The lower level includes space for a banquet hall.



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West Virginia University- Team Shop, Offices & Concession Stand



The West Virginia University Team Shop renovations, located in the WVU Coliseum, involved renovating existing spaces to accommodate new office areas in a limited sector on the concourse and office level and created a new concessions stand on the concourse level area between the Red and Blue Gates of the facility. Renovations spanned two levels and created a new second floor section from an existing two-story area. CMA provided design of MEP, communications, audio/visual and CCTV systems for these areas and worked closely with WVU's OIT/Audio Visual personnel to provided system layout and specify audio/visual, telecommunications, and CCYV components and cabling based on Owner-specific product selections, as well as desired options and accessories. CMA continued coordination efforts throughout project construction to review products with WVU prior to installation.

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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.

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Summit Bechtel National Scout Reserve



CMA Engineering provided the electrical designs and specifications for the recently completed Summit Bechtel National Scout Reserve (SBNSR) at Mount Hope, WV. SBNSR is to serve as the new permanent home and headquarters for the Boy Scouts of America (BSA) for their quadrennial National and World Jamborees and for their annual High Adventures and other various activities and events. CMA was instrumental in the early design phases of the project to ascertain the specific needs of the BSA for the facility, to identify required power loads, and to prioritize these loads in order of their necessity. Working closely with the BSA, with a host of their national and international consultants, and with American Electric Power (AEP), CMA compiled load data and made calculations of various power scenarios for the campus. A maximum of 7 MegaWatts was allowed for the facility and the designs were completed based on value. As a result, over 20 miles of single-phase and three-phase medium-voltage cables and the associated conduits were installed underground along the roadways for the new campus comprising six different campsites and a core area spread over more than 1,000 acres. When completed, the core area is to include an amphitheater, bus terminals, visitor's center, zip-line stations, and a museum and headquarters office building for the BSA. Three separate medium-voltage circuits were provided to the west end of the site by AEP and a switching station was set up at the east end to serve the dozens of loop-fed, pad-mounted transformers which were distributed around the site at key locations to minimize voltage drop and to provide a high level of power reliability. All power and telecommunications cabling and conduits are underground. Six cellular towers on the site work in conjunction with 125 individual wireless stations at the campsites to provide wireless capabilities to all of the occupants. CMA also provided lighting and power design for the 375 bath houses on site and coordinated the interconnections between them and the campus infrastructure. The BSA recently christened the site this past summer of 2013 with its first National Scout Jamboree.



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Talcott Elementary School



CMA Engineering provided HVAC, plumbing, fire sprinkler, fire alarm, communication, lighting and electrical power design services for new 26,000sf facility consisting of administration areas, pre-kindergarten to fifth grade classrooms, special education, art/music, multipurpose, dining, kitchen and toilet rooms.

Rainelle Elementary School



CMA Engineering provided HVAC, plumbing, fire sprinkler, fire alarm, communication, lighting and electrical power design services for new facility of 50,000sf comprised of a two-story structure housing classrooms and offices with an attached single-story, gymnasium/cafeteria/kitchen wing. Approximate construction cost \$ 9,005,325.00. Completed in 2013.

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Lewisburg Elementary School



CMA Engineering provided HVAC, plumbing, fire sprinkler, fire alarm, communication, lighting and electrical power design for new 75,000sf, two-story facility with gymnasium. CMA cooperated with Greenbrier County Schools in designing both a base bid and alternate approach to provide flexibility in controls packaging in the bidding process. The various controls systems could be bid as the more conventional set of "stand-alone" systems or combined into an "integrated" system. Integration of systems or close coordination of separate systems allows motion sensors to provide intruder detection during unoccupied hours and also serve as occupancy sensors during occupied hours to save lighting energy, as well as, heating and cooling energy.

Pikeview Middle School



CMA Engineering provided design of HVAC, plumbing, fire alarm, fire sprinkler, electrical, lighting, communications, audio/visual and CCTV systems for new 75,000sf middle school comprised of a main wing with offices and gymnasium and a three-story classroom wing.

CMA Engineering

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Beech Fork State Park

CMA Engineering providing mechanical, electrical and plumbing design services for 8 new cabins, a new bathhouse, 237 camping sites and sewage treatment system.



Ayash Center, St. Albans

CMA Engineering provided design for HVAC, plumbing, fire sprinkler, fire alarm systems, communication systems, lighting and electrical power for new 26,900sf community center which included gymnasium, wrestling room, fitness room, locker rooms and an open area for aerobics, dance and gymnastics.



Jefferson County Community Center

CMA Engineering provided mechanical, electrical and plumbing design for new 18,900sf community center which included gymnasium with bleacher seating, lobby area, activity rooms, office space, a full service kitchen, storage and comfort facilities.



Canaan Valley Resort-Ski Base Lodge

CMA Engineering provided design services for the HVAC, electrical and plumbing systems for the new guest service facility.

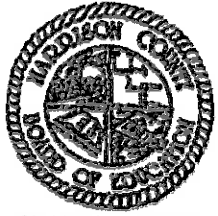


Snowshoe Mountain Resort

CMA Engineering provided design for HVAC, electrical, plumbing, fire alarm and fire sprinkler systems for new Allegheny Springs Lodge. CMA also provided engineering services for the fit-out of such restaurants as the Foxfire Grille, Junction Restaurant and Village Bistro located at the Village in Snowshoe.



CMA Engineering



DR. 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. HAMRICK
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 , knowlegable , 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
Joe Ammons
Director of Maintenance

Harrison County Schools



HARRISON COUNTY SCHOOLS

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

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KRISTIN MESSENGER

DR. MARK A. MANCHIN
Superintendent

January 28, 2016

Mr. Tim Cox, P.E.
CMA Engineering, Inc.
5 Riddle Court
Morgantown, WV 26505

To Whom It May Concern:

It is my pleasure to write this letter on behalf of CMA Engineering, Inc. and recommend Mr. Tim Cox.

For over 20 years I have worked with CMA on numerous projects for Harrison County Schools and they have proven to be a valuable asset to the school district. We have greatly benefitted from the expertise and engineering skills of CMA. Tim and his team are true professionals and bring important engineering knowledge and skills to their projects.

CMA has always been conscientious of financial constraints and have always delivered superior service in a timely manner for Harrison County Schools. Harrison County Schools would not hesitate to work with CMA on future projects, and I would recommend them to other organizations without reservation.

Please do not hesitate to contact me for further information or questions.

Sincerely,

A handwritten signature in cursive script that reads "Neil Quinn".

Neil Quinn, Project Manager
Harrison County Schools
304.326.7305



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 cursive script that reads "Leslie Wellman".

Leslie Wellman, CPA
Purchasing Director



FACILITIES/OPERATIONS
3300 Pennsylvania Avenue • Charleston, WV 25302
Charles H. Wilson, AIA
Architect/Facilities Planner

January 28, 2016

To whom it may concern,

As the Facilities Director for Kanawha County Schools, it has been my pleasure to work with CMA Engineers on multiple successful projects over the past 30 years and recommend them for any project. They have a well qualified staff knowledgeable of both the latest building systems for new construction and of antique systems used in our older facilities. They coordinate well with our architectural firms and are a valuable member of our building team.

Sincerely,

Charles Wilson



812 Gorman Avenue • Elkins, WV 26241 • 304.636.3300 • Fax 304.637.3435 • 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 Broaddus 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,

A handwritten signature in black ink, appearing to read "S. Johnson", written over a horizontal line.

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

Sincerely,

A handwritten signature in black ink, appearing to read "J. Pastine", written over a horizontal line.

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



Mon General

10 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

COMPANY PROFILE



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.

AWARDS



WVSA Awards

- Trans Allegheny Books, Charleston, WV

WVSA - 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

AIA West Virginia 2008 Craftsmanship Award for Excellence in Craftsmanship

- Sissonville Middle School

REFERENCES

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

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

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

PROJECT TEAM



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, Ohio, Virginia, Kentucky
Inactive: Tennessee

Professional Associations

AIA/WV West Virginia
AIA American Institute of Architects

Civic Organizations

Boy Scouts of America,
Committee Member,
South Charleston
Boy Scouts of America, Order of the Arrow,
Central Region C4B,
Associate Advisor
Health Appeals Board,
City of South Charleston

Responsibility

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

Project Experience

Educational

New Sissonville 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



PROJECT TEAM



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
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 – Buchannon, 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



PROJECT TEAM



ELISSA VECELLIO MOSBY Interior Designer

Academic Experience
Bachelor of Fine Arts in Interior Design
Layton School of Art - 1970
Milwaukee, Wisconsin

Professional Associations

AIA Associate Member

Ms. Mosby has design experience with architectural firms covering a wide scope of projects, with a strong emphasis on education, government, and health care related facilities. As the lead interior designer and space planner she matches client requirements with creative and functional solutions, to develop pleasing interior environments, which incorporate the client's long-range planning and maintenance requirements. Ms. Mosby's experience includes the following:

Institutional

WV School of Osteopathic Medicine:
Admissions Building, Renovation of
Administrative and Academic Offices
Complex, Ronald Sharp Alumni Center –
Lewisburg, WV

Educational

New Sissonville Middle School
Kanawha County Library Main Branch
Piedmont Elementary School
South Charleston Public Library
Sissonville Branch,
Kanawha County Library
George Washington High School
Addition/Renovations
South Charleston High School
Addition/Renovation
Greenbrier County Library – Lewisburg, WV
WV School of Osteopathic
Medicine Technology Building –
Lewisburg, WV



PROJECT TEAM



Commercial

A.G. Edwards Offices – Charleston, WV
Ream Interests Office Building –
Lewisburg, WV
Tri-State Gaming Center Addition – Nitro, WV
McCabe Henley Properties – Charleston, WV

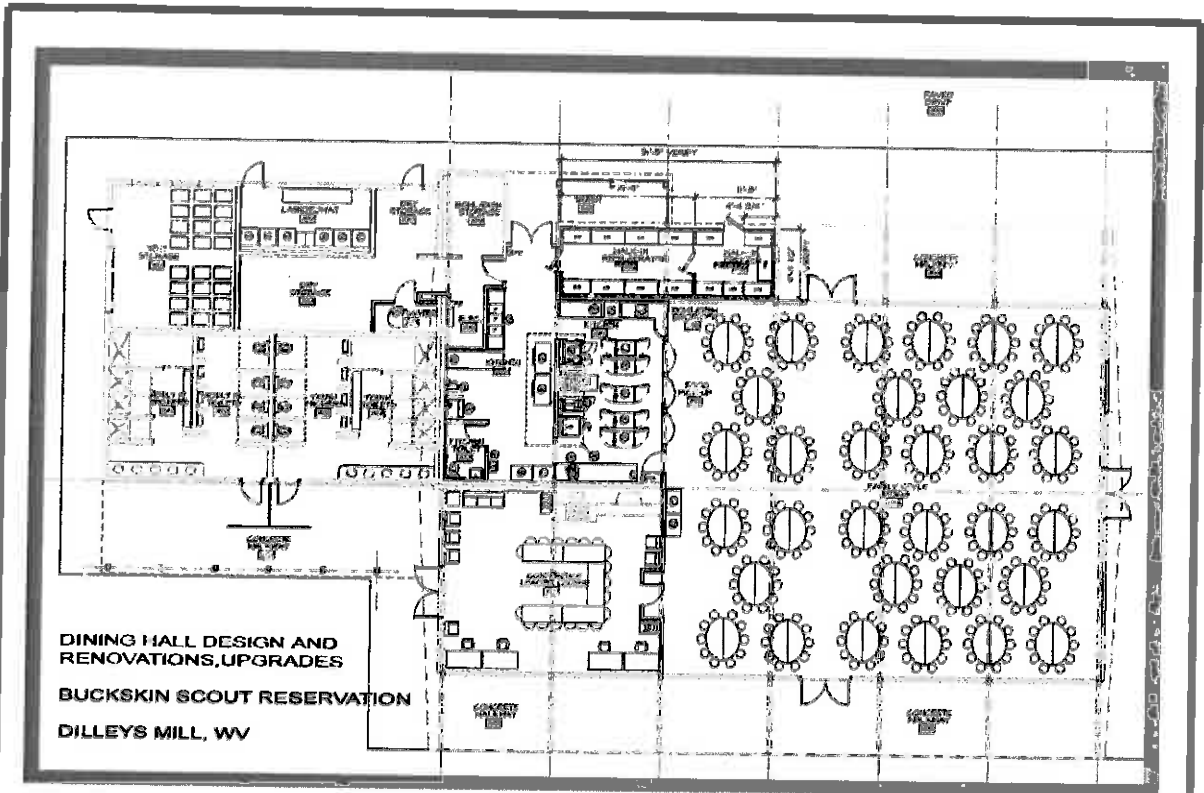
Health Care

Over 30 years Health Care Experience
Thomas Memorial Hospital; Office Pavilion,
Out Patient Clinic, Patient Tower –
South Charleston, WV
Robert C. Byrd Clinic – Lewisburg, WV
St. Francis Hospital – Charleston, WV

Public/Government

Robert C. Byrd Federal Courthouse –
Charleston, WV
Veterans Administration Medical Center –
Huntington, WV

BOY SCOUT CAMP DINING HALL



**DINING HALL DESIGN AND RENOVATIONS, UPGRADES
BUCKSKIN SCOUT RESERVATION
DILLEYS MILL, WV**

Dining Hall Design, Renovation Buckskin Scout Reservation Dilley's Mill, West Virginia

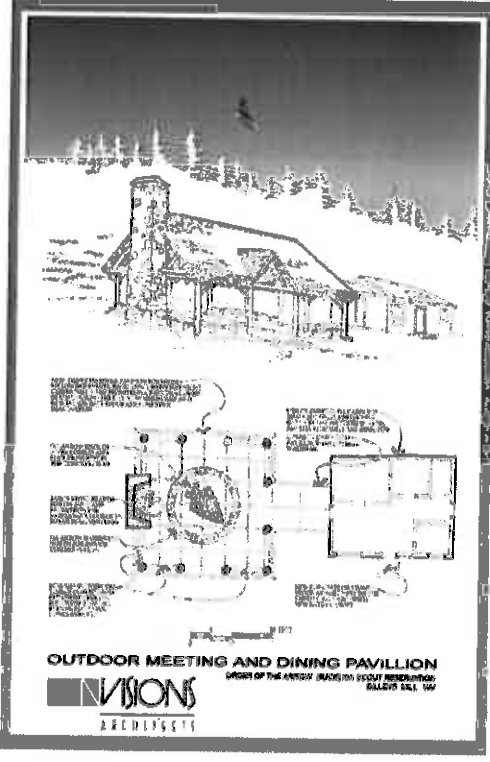
Complete redesign and renovation of 1960 dining facility. Features include new kitchen, food prep and food storage, accessible dining and toilets, storage space, adult leader lounge and conference area.

Size: 7500sf
 Cost: \$ 750,000
 Completion: Phase One: 2006

Outdoor Meeting/Dining Pavilion

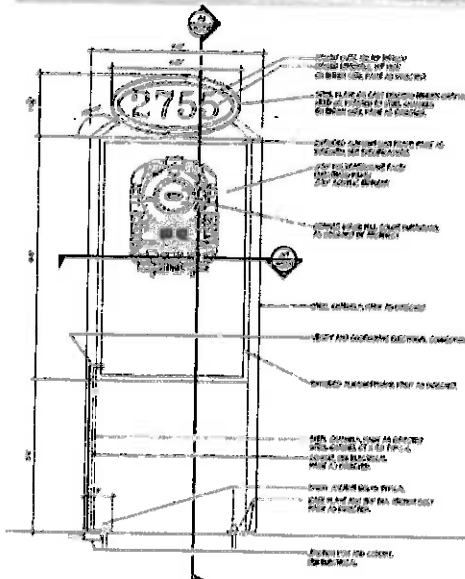
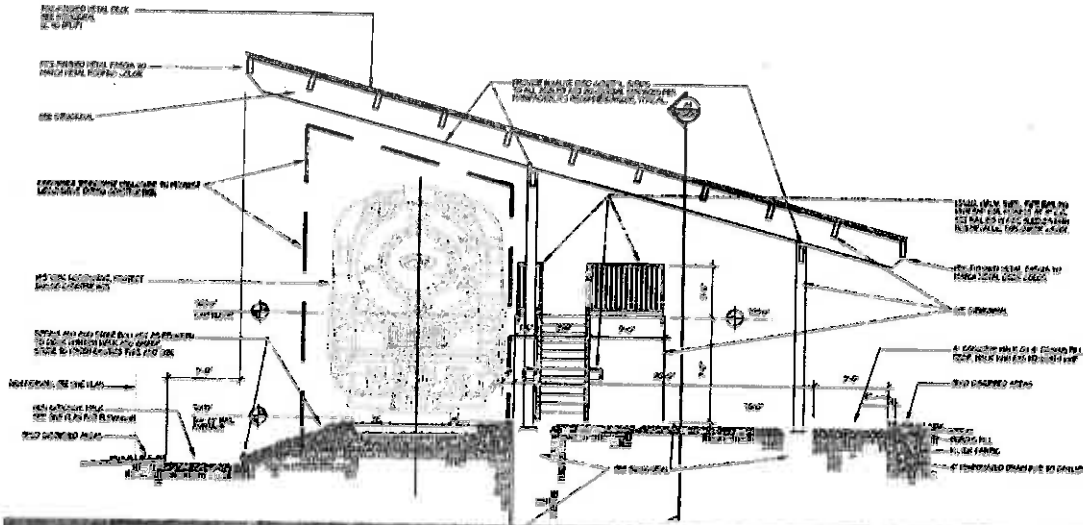
Rustic outdoor pavilion for meeting and dining activities.

Size: 3600sf
 Cost: \$ 250,000
 Completion: Pending Funding



OUTDOOR MEETING AND DINING PAVILLION
WORKSHEET OF THE ARCHITECTURAL DRAWINGS FOR THE BUCKSKIN SCOUT RESERVATION, DILLEY'S MILL, WV
VISIONS
 ARCHITECTS

CHIEF LOGAN LOCOMOTIVE SHELTER



Chief Logan State Park
C & O Locomotive 2755
Locomotive Shed and Displays

An outdoor protected railroad themed shed to protect the recently restored 2755 Locomotive, ADA accessible with interpretive historical display and information kiosks.

Completion:

Pending

SOUTH CHARLESTON PUBLIC LIBRARY



South Charleston Public Library
South Charleston, West Virginia



Before

New main accessible entry, complete interior renovation and reconstruction along with and including new ADA staff and public toilets, stack areas, circulation desk and reading areas, with three small additions to an existing library facility.



After

Library remained open during all phases of construction.

Renovations	15,455 sf
Addition	2,396 sf
Construction Cost	\$ 1,200,000
Completion	2003

SOUTH CHARLESTON PUBLIC LIBRARY

