

**Expression of Interest: CEOI ADJ1700000001** 

Parking and Storage Area Joint Forces Headquarters Charleston, WV

Prepared For:

West Virginia Army National Guard Construction and Facilities Management Office

1707 Coonskin Drive Charleston, WV 25311

Submitted by:

Capitol Engineering, Inc.

Capitol Engineering, Inc. PO Box 2984 Charleston, WV 25330

RECEIVED

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W PURCHASING DIVISION

## Capitol Engineering, Inc.

18 August 2016

LTC James W. Dean West Virginia Army National Guard Construction and Facilities Management Office 1707 Coonskin Drive Charleston, WV 25311

RE:

Expression of Interest ADJ 1700000001

JFHQ Parking and Storage Area

Dear LTC Dean:

We are pleased to offer our services to the West Virginia National Guard (WVARNG) for the JFHQ Parking and Storage Area. Capitol Engineering, Inc. (CEI) has completed more than 50 projects for the WVARNG, a clear demonstration of our specialized military experience for the requested A/E services. I also want to state that we planned, designed, and performed construction administration for eleven new and one existing Military Equipment Parking Areas (motor pools) for the WVARNG over the past fifteen years. In addition, we performed the site/civil aspects of the CFMO Office Expansion and several smaller projects at the Coonskin Complex.

CEI's past performance on contracts for governmental agencies has always exceeded performance schedules while maintaining quality. Due to our Charleston, West Virginia location we can easily maintain project timelines and interact with your staff whenever needed.

We sincerely appreciate the opportunity to submit this proposal for your consideration. Should you have any questions or need additional information, please do not hesitate to contact me.

Sincerely,

Robert M. Fuller

Robert M. Fuller, PE Vice President

RMF/smr

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## Qualifications and Experience



#### Introduction

Capitol Engineering, Inc. (CEI) proposes to perform engineering services for the West Virginia National Guard to develop construction documents for the addition of a new Parking and Storage Area at Joint Forces Headquarters in Kanawha County. We have experience planning, designing, specifying, preparing contract documents, bidding and performing contract administration on many types of military facilities including Readiness Centers, Airfields, Training Areas and Ranges. Our experience and resources give us the ability to handle both complex and routine projects.

#### Why CEI?

CEI offers the highly specialized experience, attention to minute detail, and the unparalleled level of personal client support provided by a small boutique firm. We are particularly attractive because we have:

- First-hand knowledge of the subsurface conditions, storm drainage and utilities at the Coonskin Complex from previous projects
- Experience obtaining various permits from the City of Charleston
- Ease of Contracting Multiple On-going Projects with the WVARNG
- More WVARNG experience than any other consulting firm
- More experience with USACE Standard plans than any other West Virginia firm
- Ten minutes to the C&FMO
- 100% CAD
- Digital Equipment
- Military Experience



#### Capitol Engineering WVARNG Project Listing

#### Projects Directly for the WVARNG

Camp Dawson Combat Pistol
Oualification Course Modernization

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Civil Design/Construction Administration

Coonskin Gas Line to Annex

Construction Documents

LAASF

Civil Design/Construction Administration

**FWAATS** 

Civil Design/Construction Administration

Huntington-Barbour Fencing Project

**Construction Documents** 

J & S Property Condemnation Hearing

**Expert Witness Testimony** 

Tri-State AFRC Slip

Damage Assessment/Construction Monitoring

Camp Dawson Flood Damage Assessment

Damage Assessment/Report

Glen Jean Surveying

Property Line Marking

Child Development Center

Feasibility Study

Morris Farm Underground Mining

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Site Investigation

Elkins – Morris Property

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Buckhannon – Rohr Property

Site Evaluation

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Site Evaluation

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Site Evaluation

AASF #1 Wash Water Discharge

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**Elkins Siting Study** 

Site Evaluation

Roane-Jackson Siting Study

Site Evaluation

Camp Dawson Range Redesign

Site Investigation/Civil Design/Construction Administration

Ross Property Conceptual Site Layout Site Evaluation

Camp Dawson Tower Assessment/Report

Camp Dawson Chalets Assessment/Report

Mingo-Logan Siting Study Site Evaluation

Logan County Feasibility Study Site Evaluation

Qualification Training Range Initial Design

AASF #1 Emergency Taxiway Repair Civil Design/Construction Administration

Camp Dawson Fuel Canopies Site Investigation/Civil Design/Construction Administration

Williamson Armory Improvements Site Investigation/Civil Design/Construction Administration

Camp Dawson Ranges Site Investigation/Civil Design/Construction Administration

Camp Dawson Runway Site Investigation/Civil Design/Construction Administration

Parkersburg AASF Apron Rehabilitation Site Investigation/Civil Design/Construction Administration

Parkersburg AASF Expansion Initial Design

Eleanor CHP Railroad Spur Surveying

AASF#1 Boundary Relocation Surveying

Eleanor Property Utility Location Surveying

Eleanor Property Marking Surveying

**Projects With Architects** 

Camp Dawson Access Control Point Site Investigation/Civil Design/Construction Administration

Logan-Mingo Readiness Center Site Investigation/Civil Design/Construction Administration

Site Investigation/Civil Design/Construction Administration

Joint Interagency Training and

Education Center

Parkersburg Readiness Center Site Investigation/Civil Design

JITEC OPS Generator Civil Design/Construction Administration

Parkersburg Field Maintenance Office Site Investigation/Civil Design

Buckhannon Readiness Center Site Investigation/Civil Design

Morgantown Readiness Center Site Investigation/Civil Design/Construction Administration

Moorefield Readiness Center Site Investigation/Civil Design/Construction Administration

Morgantown Property Survey Surveying

Parkersburg Readiness Center

Site Selection

Site Evaluations

Fairmont Readiness Center Site Investigation/Civil Design/Construction Administration

Jackson County AFRC Site Investigation/Civil Design/Construction Administration

Elkins AFRC Site Investigation/Civil Design/Construction Administration

Elkins AFRC Utility Extension Site Investigation/Civil Design/Construction Administration

CFMO Office Site Investigation/Civil Design/Construction Administration

Mountaineer Challenge Academy Site Investigation/Civil Design/Construction Administration

Logan Readiness Center Charrette Planning

Lewisburg Readiness Center Site Investigation/Civil Design/Construction Administration

Summersville Readiness Center Site Investigation/Civil Design/Construction Administration

JISOTF Initial Planning Study

Glen Jean AFRC Site Investigation/Civil Design/Construction Administration

## Selected Project Summaries





#### Project Title

Jackson County Armed Forces Reserve Center Site and Civil Design

#### Site Location

Millwood Jackson County, WV

#### Client

ZMM, Inc. Architects and Engineers Charleston, WV

#### **Project Description**

The Jackson County Armed Forces Reserve Center Project includes a Readiness Center and an Organizational Maintenance Shop (OMS). The complex consists of over 65,000 square feet of heated space, additional unheated storage and approximately 23,000 square yards of rigid and flexible paving. The new facility occupies the 350 acre tract formerly owned by the Order of the Eastern Star in Millwood, Jackson County. Capitol Engineering, Inc. (CEI) performed all of the site investigation and site/civil design aspects of the project, as well as construction administration for the site work.

The project included the following major design elements:

- 1. Utilities
  - a. Water line extension
  - b. Sanitary sewer system
  - c. Gas line extension
  - d. Electric and telephone service
- 2. Access roads and vehicle facilities
  - a. 11,800 SY Concrete paving
  - b. 15,000 SY Asphalt paving
  - c. Vehicle wash facility
  - d. Multiple secure motor pool areas
  - e. Multiple access roads and POV parking lots
- 3. General site features
  - a. Earthwork and erosion control
  - b. Storm drainage system and detention facility
  - c. Security fencing/Force protection measures
  - d. Outdoor training area

The project included the following site investigation elements:

- 1. Preliminary engineering, planning, and field reconnaissance
- 2. Surveying and mapping
- 3. Geotechnical investigation and laboratory testing
- 4. Utility and stormwater easement acquisition assistance





Project Title

Williamson Armory

Wash Pad and Military Parking

Site Location Williamson Mingo County, WV

Client

WVARNG - FMO, Charleston, WV

Project Description

Capitol Engineering, Inc. performed site investigation, design and construction administration services for renovations to the existing Motor Pool at the Williamson Armory.

The site investigation services included surveying and mapping, inspection of existing facilities, and environmental permitting.

CEI developed design and construction documents for this project. The most significant upgrades to the facility included new fence and gates as well as a new Vehicle Wash Pad with Oil/Water Separator. The project also included expansion of and a storm water drainage system for the existing Military Equipment Parking area.





Project Title

Moorefield Readiness Center Site and Civil Design

Site Location

Moorefield, Hardy County, WV

Client

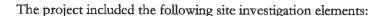
Bastian and Harris Charleston, WV

**Project Description** 

The Moorefield Readiness Center Project includes a Readiness Center and the Hardy County Office of Emergency Management. The complex consists of over 36,000 square feet of heated space, additional unheated storage and approximately 15,000 square yards of rigid and flexible paving. The facility occupies a 40-acre tract between US Route 33 and the Eastern WV Community and Technical College approximately two miles northeast of Moorefield, Hardy County. Capitol Engineering, Inc. (CEI) performed all of the site investigation and site/civil design aspects of the project.

The project includes the following major design elements:

- 1. Utilities
  - a. Water line extension
  - b. Sanitary sewer extension
- 2. Access roads and vehicle facilities
  - a. 5,000 SY Concrete paving
  - b. 11,500 SY Asphalt paving
  - c. Vehicle wash facility
  - d. Secure motor pool area
  - e. Helipad
- 3. General site features
  - a. 300,000 Cubic Yards of Earthwork
  - b. Storm drainage system and detention facility
  - c. Security fencing/Force protection measures
  - d. WV Department of Highways access road



- 1. Preliminary engineering, planning, and field reconnaissance
- 2. Surveying and mapping
- 3. Geotechnical investigation and laboratory testing
- 4. Waste area permitting assistance







Project Title
Logan-Mingo Readiness Center
Site and Civil Design

Site Location
Holden, Logan County, WV

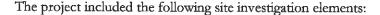
<u>Client</u> ZMM, Inc. Charleston, WV

**Project Description** 

The Logan-Mingo Readiness Center Project includes a Readiness Center, expanded drill hall, and a unit maintenance shop. The complex consists of over 47,000 square feet of heated space, additional unheated storage and approximately 22,000 square yards of rigid and flexible paving. The facility occupies a 22-acre tract at the Wood Products Industrial Park, approximately seven miles southwest of Holden, Logan County. Capitol Engineering, Inc. (CEI) performed all of the site investigation and site/civil design aspects of the project, including construction administration.

The project includes the following major design elements:

- 1. Utilities
  - a. Water line extension
  - b. Sanitary sewer system, extension
- 2. Access roads and vehicle facilities
  - a. 1,800 SY Concrete paving
  - b. 6,800 SY Asphalt paving
  - c. 13,000 SY Hardstand paving
  - d. Vehicle wash facility
  - e. Multiple secure motor pool areas
  - f. Multiple POV parking lots
- 3. General site features
  - a. Earthwork and erosion control
  - b. Deep Dynamic Compaction program
  - c. Storm drainage system and detention facility
  - d. Security fencing/Force protection measures
  - e. Outdoor training area



- 1. Preliminary engineering, planning, and field reconnaissance
- 2. Surveying and mapping
- 3. Geotechnical investigation and laboratory testing
- 4. Easement and right-of-way acquisition assistance







Project Title

Buckhannon Readiness Center Site and Civil Design

Site Location

Buckhannon, Upshur County, WV

Client

Omni Associates Fairmont, WV

Project Description

The Buckhannon Readiness Center Project includes a Readiness Center, and a conference center. The complex consists of over 36,000 square feet of heated space, additional unheated storage and approximately 25,000 square yards of rigid and flexible paving. The facility occupies a 22-acre tract between US Route 33 and the Upshur County Airport approximately two miles west of Buckhannon, Upshur County. Capitol Engineering, Inc. (CEI) performed all of the site investigation and site/civil design aspects of the project, including construction administration.

The project includes the following major design elements:

- 1. Utilities
  - a. Water line extension
  - b. Sanitary sewer extension
- 2. Access roads and vehicle facilities
  - a. 5,200 SY Concrete paving
  - b. 20,000 SY Hardstand paving
  - c. Vehicle wash facility
  - d. Secure motor pool area
  - e. POV parking lots
- 3. General site features
  - a. Earthwork and erosion control
  - b. Storm drainage system and detention facility
  - c. Security fencing/Force protection measures
  - d. Outdoor training area

The project included the following site investigation elements:

- 1. Preliminary engineering, planning, and field reconnaissance
- 2. Surveying and mapping
- 3. Geotechnical investigation and laboratory testing
- 4. Borrow area acquisition assistance



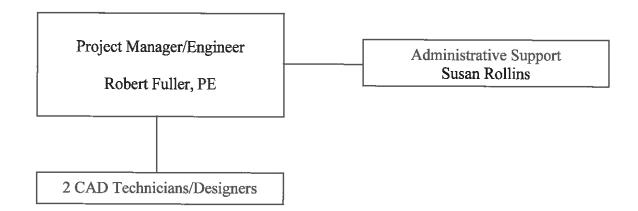
## Project Management Plan



#### **Project Management Plan**

Capitol Engineering, Inc. proposes to use the "project management" organizational structure for this project. The project manager will be the single point of contact for all project related matters. This benefits the client as you deal with one individual who is knowledgeable of all facets of the project and can be responsive in an integrated and comprehensive manner to any change or problem that might arise.

Additionally, due to the limited scope of this project, the project manager will also serve as the project engineer. The proposed staffing plan is shown below. All four personnel have participated in a minimum of thirty projects for the West Virginia Army National Guard. No subcontractors are anticipated for this project.





## ROBERT M. FULLER, P.E. Principal, Capitol Engineering, Inc.

#### **QUALIFICATIONS**

Project Manager with over twenty-five (25) years of experience with site investigation, planning, design and contract administration services on military, site development and mine reclamation projects. Mr. Fuller has been fully responsible technically, managerially and administratively for the planning, investigation, design and contract document preparation for over one-hundred (100) projects in the State of West Virginia. Mr. Fuller has served as Associate Professor of Civil Engineering Technology at West Virginia University Institute of Technology on a full-time, part-time and adjunct basis.

#### **CERTIFICATIONS**

Registered Professional Engineer – WV, PA, OH OSHA 40-Hour Health and Safety Training OSHA Supervisor Training

#### EDUCATIONAL BACKGROUND

M.S. Engineering, Marshall University Graduate College, 1997

B.S. Engineering Technology, West Virginia Institute of Technology, 1989

#### **MILITARY BACKGROUND**

Service: US Army Reserve, 1985-1988, Enlisted

WV Army National Guard, 1988-2010, Lieutenant Colonel (Retired)

Key Tours: Operation Enduring Freedom/Operation Iraqi Freedom, 2003-2004, Major, EN, Plans Officer

Operation Iraqi Freedom, 2007-2008, Lieutenant Colonel, EN, Design Engineer

#### PROFESSIONAL EXPERIENCE

Mr. Fuller was principal or project manager for the following West Virginia Army National Guard Projects completed by Capitol Engineering, Inc.

- Camp Dawson Range Renovations
- Camp Dawson Qualification Training Range
- Joint Interagency Training and Education Center (JITEC)
- Camp Dawson Runway Extension
- Camp Dawson Flood Damage Assessment
- Morgantown Readiness Center
- Moorefield Readiness Center
- Buckhannon Readiness Center
- Jackson County Armed Forces Reserve Center
- Fairmont Armed Forces Reserve Center

- Elkins Armed Forces Reserve Center
- Elkins AFRC Utility Extensions
- AASF #1 Apron Expansion/Rehabilitation and Taxiway Replacement
- Preliminary Design Drawings
- AASF #1 Emergency Taxiway Repair
- JISOTF Initial Planning Study
- Glen Jean Armed Forces Reserve Center
- Summersville Readiness Center
- Lewisburg Readiness Center
- C&FMO Office Expansion

#### **PROFESSIONAL AFFILIATIONS**

Society of American Military Engineers American Society of Civil Engineers American Institute of Architects Construction Specifications Institute



## Quality Control Plan



#### **Quality Control Plan**

Capitol Engineering, Inc. (CEI) proposes to ensure quality on this project using three different techniques.

- CEI will conduct a planning conference at the Coonskin Complex at the start of the project to capture both CFMO and user needs and expectations for the new Parking and Storage Area.
- 2. CEI will interview the Maintenance Supervisor (or other appropriate person) concerning material selection to ensure compatibility with existing systems and to determine if any problems exist that may be addressed as part of the new project (within funding limitations).
- 3. During the 95% document review, CEI will perform an on-site review of the plans with stakeholders to identify any potential conflicts or unfulfilled expectations.



## **Cost Control Plan**



#### **Cost Control Plan**

Capitol Engineering, Inc. (CEI) proposes to control costs on this project using four different techniques.

- 1. Value engineering during design to reduce construction costs. Possible examples for this project include:
  - a. Incorporate locally available materials into the specifications (stone)
  - b. Use new materials available for storm water drainage system to avoid costly grouted riprap for a small project such as this one
  - c. Work with the City Engineer and the Charleston Sanitary Board to eliminate the storm water detention requirement for increasing impervious surface areas
- 2. Cost estimates will be developed at three stages of the design process: schematic design (35%); construction documents (95%); bid set documents (immediately prior to bidding if significant time has elapsed since the 95% estimate), to ensure the base scope of work will not exceed the project budget.
- 3. Bid alternates will be used for items of work of lesser importance and all items that exceed the project budget.
- 4. The last important step in project cost control is to provide an adequate period of time for contractor questions after the pre-bid meeting and for bid preparation after the question period is closed.



## References



#### REFERENCE LIST Capitol Engineering, Inc.

MG Melvin Burch (RET)
West Virginia Army National Guard
Construction and Facilities Management Office
1707 Coonskin Drive
Charleston, WV 25311
304-561-6331 (p)
304-561-6458 (f)

Adam Krason, AIA, Principal Robert Doeffinger, PE, Principal Steve Branner, AIA, President **ZMM, Inc.** 222 Lee Street West Charleston, WV 25302 304-342-0159 (p) 304-345-8144 (f)

John Harris, AIA

Bastian and Harris Architects PLLC
300 Summers Street, Suite 1200
Charleston, WV 25301
304-342-2151 (p)
304-342-2197 (f)

Andrew Ziolkowski, RA, NCARB **AECOM** 3101 Wilson Boulevard, Suite 900 Arlington, VA 22201 703-682-4900 (p) 703-682-4901 (f)

Thomas Worlledge, AIA McKinley and Associates 1116 Smith Street, Suite 211 Charleston, WV 25301 304-342-4267 (p) 304-340-4269 (f)

Richard Forren, AIA, NCARB
Omni Associates - Architects, Inc.
1543 Fairmont Avenue, Suite 201
Fairmont, WV 26554
304-367-1417 (p)
304-367-1418 (f)

## West Virginia Purchasing Forms



### ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: ADJ170000001

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.

		Numbers Received: ox next to each addendum rec	eive	i)			
[*	V1	Addendum No. 1	[	1	Addendum No. 6		
[	]	Addendum No. 2	Į	]	Addendum No. 7		
[	]	Addendum No. 3	f	)	Addendum No. 8		
[	J	Addendum No. 4	[	]	Addendum No. 9		
[	]	Addendum No. 5	I	]	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.  Capitol Engineering, Inc.							
		Company					

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing. Revised 6/8/2012

mtm. In

12 August 2016

**Authorized Signature** 

Date

<b>DESIGNATED CONTACT:</b> Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.	<b>;</b>				
mtm hu Vie Pres.					
(Name, Title) Robert M. Fuller, Vice President					
(Printed Name and Title) PO Box 2984 Charleston WV 25330					
(Address) (304) 415-4426					
(Phone Number) / (Fax Number) rfuller@capitolengineering.com					
(email address)					
CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understant 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.	s is				
Capitol Engineering, Inc					
(Company)  Mtm. Ku					
(Authorized Signature) (Representative Name, Title)					
Robert M. Fuller, Vice President					
(Printed Name and Title of Authorized Representative)					
12 August 2016					
(Date)					
(304) 344-0720					

(Phone Number) (Fax Number)

#### 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: Capitol Engineering, Inc. Authorized Signature: Date: 17 Aug ust 2016 State of West Virginia County of Kanawha, to-wit: Taken, subscribed, and sworn to before me this 12 day of August, 20 16. My Commission expires No U , 20 2. AFFIX SEAL HERE Official Seal Official Se

South Charleston Public Ubrary 312 Fourth Avenue South Charleston, WV 25303 proviseion expires November 24, 2020