



WEST VIRGINIA CAPITOL COMPLEX

WV CAPITOL COMPLEX HARDSCAPE REPAIRS

CEOI 0211 GSD200000002 Submission Date: September 9, 2019 EXPRESSION OF INTEREST







CONTACT

Address

Richard Colebank, President & COO Alpha Associates, Incorporated 209 Prairle Ave.

Morgantown, WV 26501

Phone & Fax

Online

Phone: 304-296-8216 Fax: 304-296-8216 Orimite

rick.colebank@thinkALPHAfirst.com

www.thinkALPHAfirst.com

RECEIVED

2019 SEP -9 AM II: 16

WV PURCHASING DIVISION



September 9, 2019

Department of Administration Purchasing Division 2019 Washington St. E Charleston, WV 25305

ATTN: Melissa Pettrey

RE: CEOI 0211 GSD2000000002

A/E Services for WV Capitol Complex Hardscape Repairs Project

Dear Ms. Chambers,

Alpha Associates, Incorporated is pleased to submit this Expression of Interest to provide architectural and engineering services for the Capitol Complex Hardscape Repairs Project. Alpha's experience in the area and previous work on Holly Grove performed along with our unparalleled level of expertise makes us the perfect partnering firm for the State on this project.

Throughout our 50 years, Alpha has provided professional services for various divisions of the State of West Virginia, including the project at the Clarksburg State Office Building which we worked with the General Services Division. Alpha has also performed numerous hardscape assessments throughout the State of West Virginia. From those assessments, we are able to provide clients with detailed reports outlining our findings, options for repairs, and cost estimates to complete the repairs. Enclosed in this Expression of Interest, you will find Alpha's relevant projects in the section marked "Related Experience".

Project Understanding

The General Services Division is looking to partner with a firm to provide recommended methods for the various repairs and formulate construction and bidding documents necessary for the competitive bid of this hardscape project at the West Virginia Capitol Complex. The selected firm will address "spot" repairs that will identify the specific tripping hazards and hardscape failures, as well as address hardscape repairs to the following areas: the area east of Building 9 to the west face of the West Wing of Building 1, the main capitol pedestrian thoroughfare from the Cultural Center to California Avenue, the north plaza of the Main Capitol and the north steps, the main fountain, entry



hardscape to the Capitol's East and West Wings, north ground floor secondary entrances, handicapped access ramps and the public entrance at the east side of the East Wing. Construction administration will also be provided as needed. There will also be special attention given to the historic intent of the Capitol's original architect.

Project Team & Location

Alpha Associates, Incorporated is a West Virginia owned and operated small business that offers several services under one roof, including architecture, civil and structural engineering, surveying, interior design, and construction administrative services. The personnel that will be dedicated to your project are highly qualified professionals and support staff with the technical expertise to meet and exceed expectations of this project.

This project will be managed out of Alpha's Corporate Office located in Morgantown, West Virginia. This location allows our staff to be on site within two and a half hours.

Summary

Thank you again for the opportunity to submit this Letter of Qualification. We appreciate your consideration and look forward to working with you on this upcoming project at the West Virginia State Capitol. We are committed to providing the State with a team that surpasses every expectation. If you have any questions or wish to further discuss our qualifications, please contact me at (304)296-8216 extension 102.

Sincerely,

ALPHA ASSOCIATES, INCORPORATED

Richard A. Colebank, PE, PS

President and COO

rick.colebank@thinkalphafirst.com



WELCOME TO ALPHA ASSOCIATES, INC.

FIRM PROFILE

Contract Role: Prime

Architect & Engineer

Address

209 Prairie Ave Morgantown, West Virginia 26501

35 West King Street Jartinsburg, West Virginia 25401

lumber of Employees

22

Principals

Richard A. Colebank, PE, PS; President & COO Richard W. Klein, PE, PS; Chairman & CEO Charles B. Luttrell, PE; Principal Charles B. Branch, PE; Principal

Services

Architectural Design
Civil Engineering
Structural Engineering
Surveying
Interior Design
Landscape Architecture
Construction Administration

ALPHA ASSOCIATES, INC. STATEMENT OF QUALIFICATIONS

Alpha Associates, Incorporated is an Architectural and Engineering design firm that provides services in the areas of Civil Engineering, Structural Engineering, Landscape Design, Architectural Design, Interior Design, Construction Administration, Project Management, and Surveying. Our clients benefit from our unique combination of extensive design and construction experience, advanced technical tools, dedicated principals and highly skilled staff members.

Since 1969, Alpha has provided architectural and engineering design services throughout the state of West Virginia. We have worked with many local, state, and federal government entities on numerous projects of varying sizes and types. In this proposal, you will find examples that showcase the Alpha Team's exceptional project experience on similar type facilities.

Alpha has the knowledge and understanding in design and construction to complete this project seamlessly from the initial project inspections to the development of plans. The Alpha team will be your expert for this project.

Alpha's philosophy has always been to provide exemplary services for fair fees. We have always believed that the best way to succeed as a business is to go above and beyond the basic requirements of our contracts and do whatever is necessary to successfully complete the given project. What is best for the client is inevitably best for us too.

Everyone at Alpha, from the President to the administrative staff, all work towards the goal of completing successful projects. Our principals are involved with projects from the earliest stages right through final completion and beyond. They will consistently update you on your project by using effective communication tools to manage the projects and all the involved parties. Our skilled staff of 22 architects, engineers, surveyors and administrative personnel all work diligently towards producing the drawings and specifications that will deliver our clients successful projects, completed on time and within budget.

Alpha has thrived for 50 years because we are a professional organization dedicated to providing superior architectural and engineering design services to our clients. While our staff is large enough to handle any size project, we are also small enough to give each and every one of our projects the individual attention to detail that will make them successful projects for our clients.

THINK ALPHA

STAFF PLANNING

TO BE ASSIGNED YOUR PROJECT.

All work to be performed for the West Virginia Purchasing Division will be managed out of Alpha's Morgantown office. In addition to your dedicated Project Team, Alpha's staff of 22 includes engineers, architects, architectural designers, interior designers, landscape designers, technicians, and support staff that are available to assist with any potential project need.



Richard A. Colebank PE, PS President & COO



Charles Branch PE, PE Principal, Civil Engineer



Rebecca Key AIA, LEED-AP Director of Architecture



Charles Luttrell
PE
Principal & Structural Engineer



Matthew Echard
PE
Associate & Structural Engineer

MEET OUR TEAM.

MANAGERS

Richard W. Klein PE, PS Chairman & CEO

Richard A. Colebank PE, PS President & COO

ARCHITECTURE

Rebecca Key AIA-LEEP-AP Director of Architecture

Casey Smith AIA Assoc.

Architectural Designer

Todd Lewis AIA Assoc.

Architectural Technician

Gabrielle Dlxon Architectural

Technician

Alex Haill Construction Administration

CIVIL ENGINEERING

Charles Branch PE; Principal Senior Civil Engineer

Engineering Technician

Julie Frazee

Bradley Casdorph PE, PS Civil Engineer

Leann Rakes Engineering Technician Engineering Technician

Tom Simpson

Civil Engineer

Kevin McCung

David Costello Jr.

PS

Manager of Surveying

Barbara Kerns Survey Crew

Tyler Collins Survey Crew

TRUCTURAL ENGINEERING

Charles Luttrell PE, Principal Senior Structural Engineer Matthew Echard

Associate Structural Engineer

Cody James Engineering Technician

OFFICE ADMINISTRATION

Heather Fox **Business Manager**

Kayla Facemire **Marketing Coordinator**

Kim Coomler Administrative Assistant

SCHEDULE AND BUDGET.

Alpha Associates, Incorporated has an excellent track record of producing projects on time and within the Owner's budget. Many A/E firms can claim the same successes, but the determining factor is the tools the firms utilize to achieve the budgets, both in regard to funds and time. Alpha utilizes a number of tools, both traditional and modern to exceed our clients' expectations.

A project schedule is a dynamic, ever changing entity. Your project schedule depends on many factors including:

Preferred construction method

Changes to project scope

Unique construction elements

The Alpha Team has an excellent track record of meeting project design deadlines. Alpha recently completed construction on a project in Morgantown that went from design to completion in just over 12 months. This project was completed for a private developer and had a construction cost in excess of \$20 million.

Successful project management depends upon consensus regarding work efforts, milestones and goals. The team has found that the development of detailed work plans, which delineate tasks and deliverables for each project phase, in concert with the client and full project team, is the most effective means of establishing expectations about efforts required by the respective disciplines. In addition to guiding the efforts of the design team, the work plan sets forth specific time frames and decision points for Owner and user reviews, comments and approvals.

Developing an overall project schedule is a critical task that must take into account many factors: building type, owner's desire for occupancy, scope of work and level of documentation, whether contract(s) is bid or negotiated, available fee, and prior experiences on similar projects. Characteristic of the client, its organization, or the involvement of a construction manager and his responsibility for document review must also be considered.

This starts with a kick-off meeting which establishes ground rules, responsibilities, and line of communication. We have found that a team visioning session is a great way to get everyone started off on the right track. Determining a project schedule is a task that must be done with all parties involved in the process. Once the design process begins, a very detailed, realistic project schedule can be developed and communicated to all involved.

In a world where "time is money", the schedule of a project is almost as important as controlling the cost. Alpha also works diligently to control the budget of a project. The best way to control the cost of a project is to avoid the "scope creep" that can occur.

Alpha's in house cost estimators, combined with an excellent relationship with contractors throughout the area, will provide the State of WV with the most accurate estimates of probable construction cost.

CAPACITY & SOFTWARE.

OUR CAPABILITIES

Alpha Associates, Incorporated is prepared to commit staff resources to the WV Capitol Complex Hardscape Repairs Project. Alpha has the qualified and experienced personnel, administrative support, along with the production equipment and resources to ensure the successful completion of this project. We are confident in our ability to provide the State of WV with a committed and dependable design team. Our multidisciplinary design team is prepared to meet and exceed the expectations of the State by committing any resources necessary to meet the project schedule.

USING THE LATEST SOFTWARE

The project team incorporates the latest computer and software capabilities required to complete the working drawings and specifications for this project. Our cost accounting system is top-of-the-line and we have the ability to differentiate fees according to task. We have secure e-mail and internet capability to allow efficient transfer of information between Alpha and the client. We currently have the latest editions of the following software:

- AutoCAD 19
- REVIT (Editions up to 2020)
- Civil 3D
- RISA 3D
- RISA Floor
- RISA Foundation
- MathCAD
- D4I Phantom 4 RTK Drone

- Autodesk Suite
- Enercalc
- AutoTURN
- TopCon GR5 GPS System
- TopCon Total Station with Reflectorless Capabilities
- Carlson Surveyor & Data Collector



1985-Current | Alpha Associates, Inc. 1983-1985 | Charles Townes & Associates, P.C.

1983 | US Army Corps of Engineers

EDUCATION

West Virginia University
Masters of Business Administration; 1999
Bachelor- Civil Engineering; 1982

QUALIFICATIONS

License: Professional Engineer: West Virginia, Maryland, Pennsylvania, Virginia

Professional Surveyor: West Virginia

Certified Private Pilot

AFFILIATIONS

Former NSPE/PEPP Governor of WV

American Red Cross-State Board

University High School Foundation; Charter Member; President

Morgantown Area Chamber of Commerce; Past Chairman

WVU College of Civil and Environmental Engineering Visiting Committee

WVU College of Business and Economics MBA Advisory Committee

RICHARD A. COLEBANK

PE,PS; PRESIDENT & COO

2 304-296-8216 | 800-640-8216

rick.colebank@thinkalphafirst.com

SUMMARY

Mr. Colebank is President and Chief Operating Officer at Alpha. He has been with Alpha Associates, Inc. since 1985. He began his career with Alpha as a staff engineer and progressed through the ranks from Project Manager to his current position. Mr. Colebank has worked with diverse clients such as WVU, City of Morgantown, WVDOH, WVU Foundation, and the Morgantown Municipal Airport, as well as numerous other public and private clients. Since 1988, Mr. Colebank has been the Principal-In-Charge of the Civil Engineering projects developed by Alpha. In his current capacity, Mr. Colebank provides financial and administrative guidance for the day to day operations of the company while continuing to manage projects.

PROFILE

Board-based responsibilities in the following areas:

Project Management

Business Operations and Financial Management

Quality Assurance/Quality Control

Civil Engineering Project Management and Design

New Business Development

Expert Testimony and Investigation

PROFESSIONAL HIGHLIGHTS

Project Principal:

Morgantown Municipal Airport Access Road; Morgantown, WV Mon General Access Road; Morgantown, WV

WVU Reedsville Farm Redevelopment; Reedsville, WV

Monongalia General Hospital Access Road; Morgantown, WV

Morgantown Municipal Airport Access Road; Morgantown, WV

Clarksburg State Office Building; Clarksburg, WV

College of Physical Activity & Sports Science; Morgantown, WV

WVDOH Open End Engineering Contract; WV

WVDOH Deckers Creek Pedestrian Bridge; Morgantown, WV

Clarksburg State Office Building; Clarksburg, WV

Jane Lew Truck Stop; Jane Lew, WV

Grant County Bank Addition & Renovation; Petersburg, WV

South Berkeley Fire Station; Inwood, WV

Oueen Street Underpass; Martinsburg, WV



1995-Current | Alpha Associates, Inc. 1974-1995 Kelley, Gidley, Blair and Wolfe, Inc.

EDUCATION

University of Charleston Masters of Business Administration; 1987

West Virginia Institute of Technology Bachelor of Science- Civil Engineering; 1973

QUALIFICATIONS

License: Professional Engineer: West Virginia, Maryland, South Carolina

Professional Surveyor: West Virginia

AFFILIATIONS

WV Society of Professional Engineers
National Society of Professional Engineers
American Society of Civil Engineers
American Water Works Association
Water Pollution Control Federation
Main Street Martinsburg; Member
Shepherdstown Rotary Club
WVU Medicine, University Healthcare
Foundation Executive Board
For the Kids George Children's Museum

RICHARD W. KLEIN

PE, PS; CHAIRMAN & CEO

304-264-0051 | 877-264-0051

richard.klein@thinkalphafirst.com

SUMMARY

Mr. Klein, in addition to Chairman & CEO, serves as Regional Manager and Civil Engineer of our Martinsburg pffoce. He has more than 43 years of experience in Civil Engineering Design, Construction Phase Services, Project Management and Operations Management. During the past 29 years, Mr. Klein worked on numerous projects in the Eastern Panhandle serving districts in Berkeley, Jefferson, and Morgan counties; industries such as Winchester and Western Railroad, Halltown Paperboard, Millville Quarry, ESSROC and major developments including Liberty Business Park, Coast Guard Operations Systems Center and the Eastern Management Development Center.

PROFILE

Board-based responsibilities in the following areas:

Municipal Engineering

Site Planning

Storm Water Management

Water Distribution Systems

Waste Water Collection and Treatment

New Business Development

PROFESSIONAL HIGHLIGHTS

Civil Engineering Projects:

Shepherd University Pedestrian Underpass; Shepherdstown, WV
Washington High School; Charles Town, WV
Harpers Ferry/Bolivar WWTP Design Improvements
Bradstone-SHenandoah Casting Plant Site Plan
TB&H Ready-Mix Concrete Plant Site Design
The Woods Home Owners Association Water System Analysis
Shepherd College Interceptor Sewer; Shepherdstown, WV
Martinsburg Roundhouse Site Design; Martinsburg, WV
Cumberland Valley Railroad Department; Martinsburg, WV
Halltown Paperboard Company, Wastewater Treatment Plant
Corp. of Sheperdstown, Renovation of Main Sweage Pump Station
Martinsburg Little League Fields; Martinsburg, WV
Berkeley Co. Court House, Parking Lots and Guard House
Swift Transportation Truck Depot Site Plan
Eastern Management Development Center; Shepherstown, WV
Berkeley Springs Water System Improvements Phase 1, 2, and 3
Rt. 522 Southm Water and Sewer System Extensions; Morgan County
Colonial Hills Subdivision; Jefferson County, WV
Quail Ridge Subdivision; Berkeley County, WV



1992-Current | Alpha Associates, Inc.

1988-1992 | Reimer, Muegge, & Associates, Inc.

EDUCATION

West Virginia University Bachelor- Civil Engineering; 2000

Fairmont State College Bachelor- Architectural Engineering Technology; 1988

QUALIFICATIONS

License: Professional Engineer; West Virginia

AFFILIATIONS

WV Society of Professional Engineers National Society of Professional Engineers

CHARLES B. BRANCH

PE; PRINCIPAL & CIVIL ENGINEER

23 304-296-8216 | 800-640-8216

chuck.branch@thinkalphafirst.com

SUMMARY

As Chief Engineer for site development and planning projects, Mr. Branch us a vital part of the design process at Alpha. His involvement spans from strictly civil engineering projects, to the design of large scale educational projects and medical facilities. Mr. Branch acts as peer review for young engineers in the firm on issues ranging from storm water management to site design. Mr. Branch is also involved in commercial and residential development design, roadway and bridge design and utilities layout.

PROFILE

Board-based responsibilities in the following areas:

Highway Design
Municipal Engineering
Wastewater Collection
Storm Sewer System Design
Storm Water Management
Site Engineering
Project Management

PROFESSIONAL HIGHLIGHTS

Civil Engineer/Project Manager:

Jane Lew Truck Stop; Jane Lew, WV

Clarksburg State Office Building; Clarksburg, WV

WVU Reedsville Farm Redevelopment; Morgantown, WV

Freedom Automotive Group Dealerships; Morgantown, WV

Freedom Kia; Clarksburg, WV

WVU Parking Lot 81 Renovations; Morgantown, WV

WVU Doll's Run Burn Room; Morgantown, WV

WVU Alumni Center Parking Lot; Morgantown, WV

WVU Alumni Center Storm Water Management; Morgantown, WV

WVU Evansdale Redevelopment; Morgantown, WV

WVU Health Sciences Center Eastern Division; Martinsburg, WV

Blackshere Bridge; Mannington, WV

WVDOH I-77 Welcome Center; Williamstown, WV

WV Medal of Honor Recipients Plaza; Hazleton, WV

Lewis County High School Bridge; Weston, WV

Wyoming County Route 10 Relocation; Wyoming County, WV

Fairmont Federal Credit Union; Bridgeport, WV



1996-Current | Alpha Associates, Inc. 1995-1996 | Larry D. Luttrell, PE, PhD 1991-1994 | West Virginia University 1990-1991 | WVU Constructed Facilities Center

EDUCATION

West Virginia University Masters- Structural Engineering; 1995 Bachelor- Civil Engineering; 1993

QUALIFICATIONS

License: Professional Engineer: West Virginia, Pennsylvania

AFFILIATIONS

WV Society of Professional Engineers
National Society of Professional Engingeers
Chi Epsilon; Member
American Concrete Institute; Member

RESEARCH EXPERIENCE

Cold Formed Steel Deck Research Fastener Failures Edge Conditions/Failures Buttoned Overlap Sheer Failures

Composite Cold Formed Steel and Concrete Deck Line Load Behavior/Failures Concentrated Load Behavior/Failures Web Crippling

Punch Failures

CHARLES B. LUTTRELL

PE; PRINCIPAL & STRUCTURAL ENGINEER

23 304-296-8216 | 800-640-8216

charlie.luttrell@thinkalphafirst.com

SUMMARY

Mr. Luttrell has worked with Alpha Associates, Inc. since 1996. He is the chief structural engineer on all projects at Alpha. Before coming to Alpha, Mr. Luttrell's graduate work resulted in several contributions to the cold-formed steel deck industry. His new method of analysis for non-uniform loads on composite concrete and cold formed steel decks has made a permanent part of the Steel Deck Institute's design manual. Mr. Luttrell also worked on projects that involved pre-stressed timber bridge research with WVU Constructed Facilities Center. Since coming to Alpha, Mr. Luttrell has had significant involvement in the effort to begin utilizing modern composite materials in practical bridge applications.

PROFILE

Borad-based responsibilities in the following areas:
Project Management
Business Operations and Financial Management
Quality Assurance/Quality Control
Civil Engineering Project Management and Design
New Business Development
Expert Testimony and Investigation

PROFESSIONAL HIGHLIGHTS

Structural Engineer:

Freedom Automotive Group 3 Dealerships: Morgantown, WV Hazel Ruby McQuain Equine Education & Resource Center; WVU WVDOH Arnettsville Replacement Bridge; Morgantown, WV Clarksburg State Office Building; Morgantown, WV Grant County Bank Addition & Renovation; Petersburg, WV South Berkeley Fire Station; Inwood, WV Alumni Center Structural Framing and Foundation; WVU Engineering Science Building, East Wing Addition; WVU Hazel Ruby McQuain Amphitheater Roof; Morgantown, WV West Buckeye Bridge; Core, WV Washington High School; Charles Town, WV WVU Coliseum Structural Inspection; Morgantown, WV WVU Coliseum Scoreboard Hoist Project; Morgantown, WV Alderson Broaddus College, Rex Pyles Arena Deck; Phillipi, WV Mountaineer Middle School Renovation; Morgantown, WV Salem International Building Inspections; Salem, WV Monongalia County Sheriff's Building; Morgantown, WV South High Street Bridge; Morgantown, WV Ices Ferry Bridge; Morgantown, WV



2000-Current | Alpha Associates, Inc.

1983-1999 | Alexander Key and Associates

1978-1983 | Webster Clothes; Director of Store Planning

EDUCATION

University of Maryland Bachelor of Architecture; 1977

Maryland Institute College of Art Coursework in Furniture Design; 1986-1987

OUALIFICATIONS

License: Registered Architect: West Virginia, Maryland, Washinton DC, New York,

Virginia, Pennsylvania

NCIDO Certified (Interior Design)

Leadership in Energy and Environmental Design Accredited Professional

Meet Standards of Secretary of the Interior for Historic Architecture

AFFILIATIONS

American Institute of Architects West Virginia Society of Architects Fairmont, WV ICC Board of Appeal; **Board Member**

U.S. Green Building Council

AIA Liveable Communities Marion County Chamber of Commerce

Leadership Kanawha Valley

Class of 2014

REBECCA KEY

AIA, LEED-AP; DIRECTOR OF ARCHITECTURE

2 304-296-8216 | 800-640-8216

rebecca.key@thinkalphafirst.com

SUMMARY

Ms. Key has worked in the architectural field for over 35 years. She serves as Project Architect/Project Manager for numerous architectural designs at Alpha Associates, Inc. Ms. Key is involved from the programmatic stages and schematic designs all the way through construction documents to construction administration. Having been with Alpha since 2000, Ms. Key has provided design services on numerous projects that have contributed to the ever-growing skyline of Morgantown, Charleston, Bridgeport, and other areas around the state.

PROFILE

Borad-based responsibilities in the following areas:

Architetural Design

Interior Design and Space Planning

Feasibility Studies

Water Infiltration Analysis

Historic Renovation

Project Management

PROFESSIONAL HIGHLIGHTS

Ridgedale Elementary; Morgantown, WV Mountaineer Middle School; Morgantown, WV Pineville Elementary; Pineville, WV Huff Consolidated School; Hanover, WV

Historic Renovations:
Cass Scenic Railroad- Clubhouse Renovation; Cass, WV
Berkeley Springs Bathhouse; Berkeley Springs, WV
Hawks Nest State Park Picnic Pavillion; Arnstead, WV
Hawks Nest State Park CCC Museum; Arnstead, WV

Recreation:

Recreation:
Ruby McQuain Amphitheater; Morgantown, WV
North Fork Hughes Rover State Park; Ritchie County, WV
Dormitory and Multi-Family
Fairmont State University Prichard Hall Renovation; Fairmont, WV
WVU Boreman Hall; Morgantown, WV
Augusta Apartment Building; Morgantown, WV
Grand Central Apartment
Municipal & State Government
WV State Office Building; Clarksburg, WV
Mon County Family Court Renovation; Morgantown, WV
Mon County Sheriff's Department; Morgantown, WV
White Hall Municipal Building; White Hall, WV
WV State Office Building; Parkersburg, WV



2016-Current | Alpha Associates, Inc. 2010-2015 | Echard ingenieurBuro 2006-2009 | Buro Happold Consulting Engineers 2003-2006 | RISA Technologies, Inc. 2000-2003 | Zaldastani Associates, Inc.

EDUCATION

Massachusetts Institute of Technology Masters- Engineering & Environmental Mechanics, 2002

West Virginia University Bachelors of Science- Civil Engineering, 2000

QUALIFICATIONS

License: Professional Engineer: West Virginia, California

California OES SAP Evaluator

AFFILIATIONS

American Concrete Institute (ACI)
American Institute of Steel Construction (AISC)
American Society of Civil Engineers (ASCE)
American Wood Council (AWC)

PUBLICATIONS

Echard, M. and Tonis, D. Convergent Design Methodology for Bio-Science Labs: Architectonic and Performative Structural Considerations Using the Geilinger Composite Column Solution. Proceedings of ICSA2010-First International Conference on Structures and Architecture Guimaraes, Portugal, July 2010, Taylor & Francis.

Echard, M. Structural Analysis and Design Within a BIM Framework. EASEC 10- East Asia Structural Conference, Bangkok, Thailand, August 2006.

MATTHEW T. ECHARD

PE: STRUCTURAL ENGINEER & ASSOCIATE

23 304-296-8216 | 800-640-8216

matthew.echard@thinkalphafirst.com

SUMMARY

Mr. Echard joined Alpha Associates, Inc. in early 2016 with a strong belief that his clients deserve intelligent, performance-based and value-oriented solutions. Drawing on experience working across in the United States, Europe, and the Middle-East, Mr. Echard returned to West Virginia to provide world-class service in a historically undeserved region while making positive contributions to the future growth of his home state. Mr. Echard places a large value on the collaborative work process. believing that a building's form and function are derived from many contexts, Mr. Echard's office is located in the corporate office in Morgantown, WV.

PROFILE

Borad-based responsibilities in the following areas:

Structural Engineering Structural Forensics Project Management

PROFESSIONAL HIGHLIGHTS

Project Manager & Structural Engineer:

Westover Goodwill Structural Design; Morgantown, WV

Weyerhaeuser Roof Evaluation; Heaters, WV

Los Mariachis UTC; Morgantown, WV

WVU Creative Arts Center Performance Access; Morgantown, WV

WVU Mountain Lair Grid Iron Assessment; Morgantown, WV

DECKER'S CREEK PEDESTRIAN BRIDGE

Morgantown, WV; 2018

Alpha Associates, Incorporated provided engineering services for the supply and installation of a new prefabricated steel truss pedestrian bridge, construction of an asphalt paved trail, as well as miscellaneous construction as needed.

The Bridge connects the Deckers Creek Rail-Trail with the neighborhoods of Greenmont and South Park. It connects to the rail-trail near mile 1 at Stanley's Spot Dog Park.

This new bridge will give an easy access to other neighborhoods and businesses in Morgantown. Also, this will help locals be more active.

At a Glance:

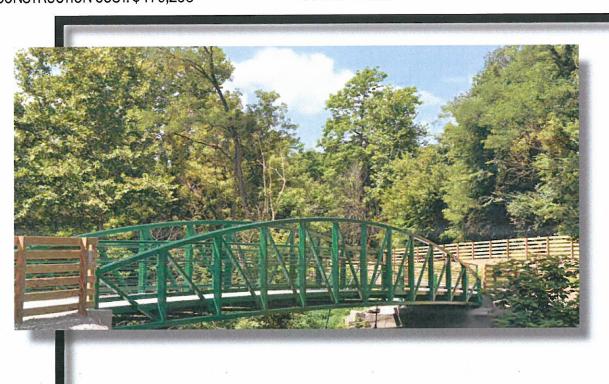
CLIENT: City of Morgantown LOCATION: Morgantown, WV COMPLETION DATE: 2018

SIZE: 80' X 10'

CONSTRUCTION COST: \$470,295

Project Contact:

Damien Davis, PE 389 Spruce Street Morgantown, WV 26505 304-284-7398



QUEEN STREET UNDERPASS & STREETSCAPE IMPROVEMENTS

Martinsburg, WV; 2012

Alpha provided planning, surveying, design, drawings, specifications and implementation assistance for the Martinsburg Queen Street Underpass and Streetscape Improvements.

Enhancements to the CSX Underpass included: cleaning and painting existing walls, picket railing, new guardrail, new lighting, and decorative bridge painting.

The Streetscape enhancements included: new sidewalks, ADA curb ramps, decorative lighting, trash cans, trees, fencing and signage on N. Queen Street from Pennsylvania Avenue to Race Street.

At a Glance:

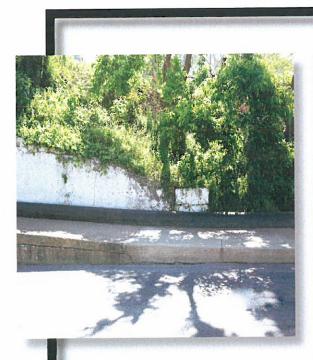
CLIENT: City of Martinsburg LOCATION: Martinsburg, WV COMPLETION DATE: 2017

SIZE: Various

CONSTRUCTION COST: \$900,000

Project Contact:

Mark Baldwin, City Manager 304-264-2131 ext. 277





WEST VIRGINIA UNIVERSITY-STALNAKER HALL

Morgantown, WV; 1993

The original center section of Stalnaker Hall was completed in 1919, with two additional wings added in 1939. This renovation project replaced dormitory-style quarters with suites containing 306 bedrooms and shared living space. The food services area of Stalnaker Hall also underwent renovations. Alpha Associates, Incorporated teamed with a national A/E firm to provide civil engineering, structural engineering and construction administration. The 95,000 square foot project included the following: ADA parking area, ADA ramps, restoration/reconstruction of entire building, new sidewalks and steps, handrails and landscaping, asbestos abatement, skylights, new roof, elevator, window replacement.

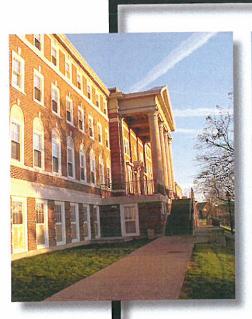
This building required extensive demolition, including demolition of all rooms and load bearing walls on both the North and South wings. The center wing included complete gutting of all floors with only the exterior wall remaining. This project also included underpinning of the existing structure to add basement space.

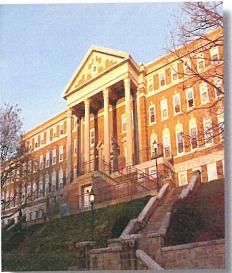
At a Glance:

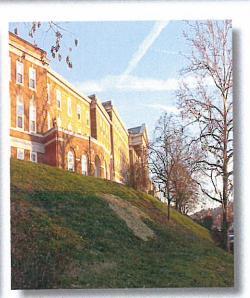
CLIENT: West Virginia University LOCATION: Morgantown, WV COMPLETION DATE: 1993 SIZE: 95,000 Square Feet CONSTRUCTION COST: \$12 Million

Project Contact:

Charlie Robinson 979 Rawley Lane Morgantown, WV 26506 304-293-5280







SHEPHERD UNIVERSITY UNDERPASS STUDY AND DESIGN

Shepherdstown, WV; 2012

This two phase project included a Feasibility Study to determine the feasibility of a separated pedestrian/vehicular crossing on the campus of Shepherd University. The study included pedestrian flow, circulation and approaches to the underpass structure and how the new structure would be incorporated into the existing sidewalks and circulation paths while maintaining the campus historic look.

Phase II included final design and construction documents for the Underpass based on the preferred option from the Feasibility Study. Alpha's design services included: underpass structure, roadways, retaining walls, sidewalks, steps, railings, water and sewer line relocations, storm water management, detour, and overhead utility relocation. This project required coordination with the WVDOH, the Federal Highway Administration and Shepherd University.

Alpha's services also included preparation of right-of-way and easement plats, maintenance of traffic during construction, construction administration, and full-time onsite inspection.

At a Glance:

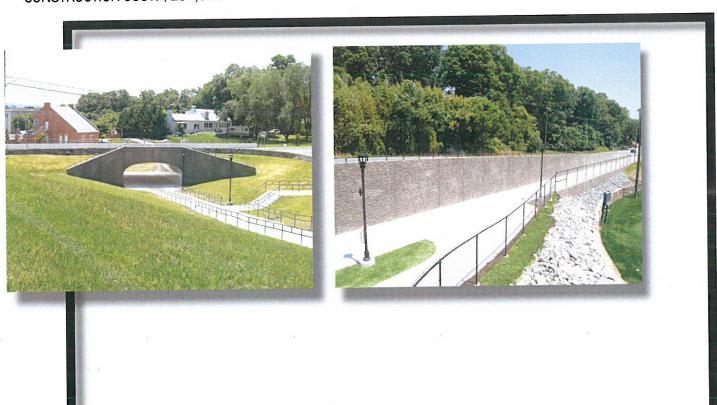
CLIENT: Shepherd University LOCATION: Shepherdstown, WV COMPLETION DATE: 2012

SIZE: 28' x 56' Tunnel, 1050 ft Roadway, 900 ft Retaining Wall

CONSTRUCTION COST: \$187,000

Project Contact:

Dr. Suzanne Shipley
P.O. Box 5000
Shepherdstown, WV 25443
304-876-5000



WILLOWDALE ROAD SIDEWALK

Morgantown, WV; 2007

Alpha provided funding application assistance, surveying, civil engineering, and construction administration services for the Willowdale Road Sidewalk project near West Virginia University's Milan Puskar Stadium.

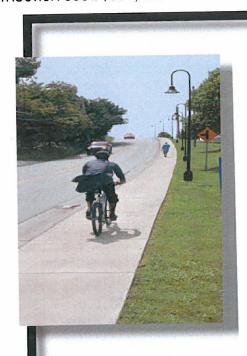
This project included approximately 2000 linear feet of under drain, curb and gutter, five foot wide sidewalk, lighting, various utility relocations and other related appurtenances

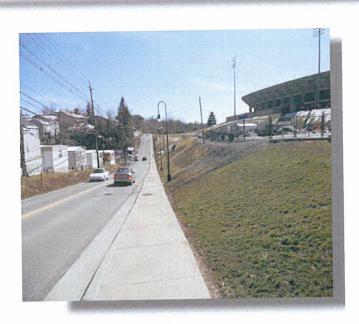
At a Glance:

CLIENT: West Virginia University LOCATION: Morgantown, WV COMPLETION DATE: 2007 SIZE: 2,000 LF, 5' WIDE CONSTRUCTION COST: \$550,000

Project Contact:

Paul Hanko Po Box 6572 Morgantown, WV 26506 304-293-2854





TOWN OF GLENVILLE CITY SQUARE

Glenville, WV; 2011

Alpha Associates, Incorporated provided design and construction administration services for a park in downtown Glenville.

The park includes 2200 square feet of pavilion, a 20' diameter gazebo, lighting, clock, sidewalk and landscaping.

At a Glance:

CLIENT: Gilmer County Family Resource Network

LOCATION: Glenville, W COMPLETION DATE: 2011

SIZE: 120' x 120'

CONSTRUCTION COST: \$510,000

Project Contact:

Donna Waddell 115 East Main Street Glenville, WV 26351 304-462-7545



ROCKY LANE ROAD

Ritchie County, WV; 2009

Alpha Associates, Incorporated provided the design of a new connection of Rocky Lane Road to Winchester Avenue (US Route 11) in the City of Martinsburg.

The project included:

- New Intersection
- Widening of Winchester Ave. for accommodation of turning lane
- New Traffic Signals
- Utility Relocation
- At a Glance:

CLIENT: WVDOH LOCATION: Martinsburg, WV COMPLETION DATE: 2009

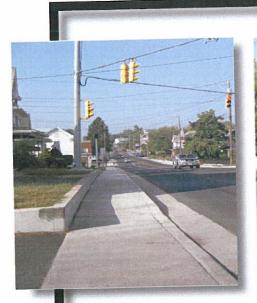
SIZE: 0.017 Miles

CONSTRUCTION COST: \$1,067,515.00

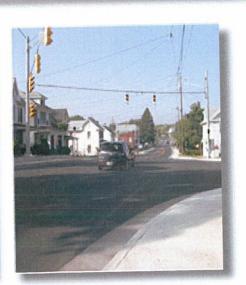
- New Sidewalks
- New Curbs
- New Gutters
- Retaining Wall
- Storm water management system

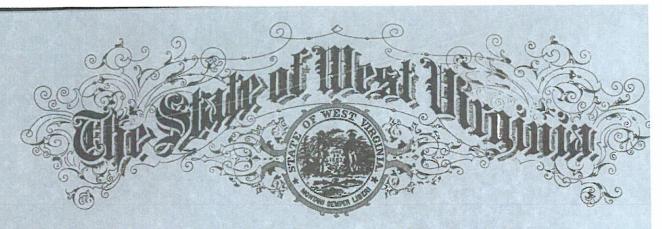
Project Contact:

Barry Knotts, PE PO Box 99 Burlington, WV 26710 304-289-3521









Coall to whom these presents shall come, breeting

That The State Board of Registration for Professional Engineers, of the State of West Virginia, reposing special confidence in the Intelligence Integrity and Discretion of

Charles B. Branch

Does, in Punsuance of Avamorating Vesared in 14.

By law, hereby certify that he, having submitted

satisfactory evidence of his ability and experience, is a

REGISTERED PROFESSIONAL ENGINEER

Registration Aumber

(To Bold and use such title in the practice of his profession, subject to the conditions prescribed by law.



Given under the hand and the Seal of the Board at the Capitol in the City of Charleston, this 18th day of February in the year of our Lord 2002 and of the State the One Flundred Thirty-Cighth

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Bellickly By Frank & Hoddy

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To all to whom these presents shall come Greeting

"Right We That The State Board of Registration for Professional Engineers

of the State of West Virginia, reposing special confidence in the Intelligence, Integrity and Discretion of

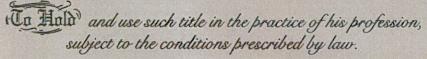
Bradley H. Casdorph

DOES IN PURSUANCE OF AUTHORITY VESTED IN IT

by law hereby certify that he having submitted satisfactory evidence of his ability and experience is a

REGISTERED PROFESSIONAL ENGINEER

Registration Number





Sixxx under the hand of the
Seal of the Board at the Capitol in the
City of Charleston,
This 29th day of December
in the year of our Lord 2005
and of the State
the One Hundred Forty-Second

Members of the Board

Lorand Timens J. Richar Ellynas Bhapa s. Shifa William Eliena



to whom these presents shall come. Greeting

Anom De That Che State Board of Registration for Professional Engineers, of the State of West Virginia, reposing special confidence in the Intelligence. Integrity, and Discretion of

Richard A. Colebank

Does, in Pursuance of Aughorian Vested In 17

by law, hereby certify that he, having submitted satisfactory evidence of his ability and experience, is a

REGISTERED PROFESSIONAL, ENGINEER

Registration Mumber

To Bold and use such title in the practice of his profession, subject to the conditions prescribed by law.



Gitten under the hand and the Seal of the Board at the Capitol in the City of Charleston! this 23rd day of Fel: in the year of our Lord One Thousand Nine Hundred and Eighty-Eight and of the State the One Hundred Twenty-Fourth.

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Frankf Goddy Kenneth H. Means Pl. A.S. Robert Blatt



o all to whom these presents shall come Greeting

"Know Le That The State Board of Registration for Professional Engineers

of the State of West Virginia, reposing special confidence in the Intelligence, Integrity and Discretion of

Matthew T. Kchard

DOES IN PURSUANCE OF AUTHORITY

by law hereby certify that he having submitted satisfactory evidence of his ability and experience is a

REGISTERED PROFESSIONAL ENGINEER

Registration Number

To Hold and use such title in the practice of his profession, subject to the conditions prescribed by law.



Given under the hand of the Seal of the Board at the Capitol in the City of Charleston, This 17th day of August in the year of our Lord 2012 and of the State the One Hundred Forty-Ninth

Members of the Board

Leman J. Timms J.

Sporar De Timens. J. Richar Ellynal.
Bhajan S. Shija William E. Viersen



of Mest Dinginia.

This Certifies that Rebecca Dean Key of Baltimore in the State of Maryland, having successfully passed an examination before the Board of Architects of the State of West Virginia, and being otherwise qualified, is hereby authorized to practice Architecture in all its branches in the State of West Virginia.



Witness the signatures of the President and Secretary of the Board of Architects of West Virginia and the seal of said Board this ____26th _day.of_\$eptember___1994__

M EY L. Gresident.

Secretary.



I to whom these presents shall come. Greeting

Thom De That Che State Board of Linguistration for Proliminal Engineers. of the State of West Virginia, reposing special confidence in the Intelligence. Integrity and Discretion of

Charles B. Luttrell

Does, in Pursuance of Avanorian Vested In 181 by law, hereby certify that he, having submitted satisfactory evidence, of his ability and experience, is a

REGISTERED PROFESSIONAL ENGINEER

Registration Aumber

To hold and use such title in the practice of his profession, subject to the conditions prescribed by law.



Cition under the hand and the Seal of the Board at the Capital in the Extrof Charleston this 28th day of July in the year of our Lord One Thousand Nine Hundred and Ninety-nine and of the State the One Hundred Thirty-sixth.

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

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253m Jan Duer

Frank & Rely

CERTIFICATE OF Authorization

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

The West Virginia State Board of Registration for Professional Engineers having verified the person in responsible charge is registered in West Virginia as a professional engineer for the noted firm, hereby certifies

ALPHA ASSOCIATES, INC. C00012-00

Engineer in Responsible Charge: RICHARD A COLEBANK - WV PE 010346

has complied with section \$30-13-17 of the West Virginia Code governing the issuance of a Certificate of Authorization. The Board hereby notifies you of its certification with issuance of this Certification of Authorization for the period of:

January 1, 2018 - December 31, 2019

providing for the practice of engineering services in the State of West Virginia.

IF YOU ARE REQUIRED TO REGISTER WITH THE SECRETARY OF STATE'S OFFICE PLEASE SUBMIT THIS CERTIFICATE WITH YOUR APPLICATION

IN TESTIMONY WHEREOF, THE WEST VIRGINIA STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS HAS ISSUED THIS COAUNDER ITS SEAL AND SIGNED BY THE PRESIDENT OF SAID BOARD

BOARD PRESIDENT

HEAR FROM OUR CLIENTS.



J. Paul Walden **West Virginia University**

Alpha Associates have a proven record of customer satisfaction and sucessful client delivery with our organization. We would be confident in our recommendation in support of Alpha.



Robert Hammel **Former Director Morgantown Municipal Airport**

Every aspect and detail of [Alpha's] planning. coordination, and completed projects have been exceptional and outstanding in every regard.

References

Brad Leslie WV Parks and Recreation **Division of Natural Resources**

324 4th Avenue South Charleston, WV 25303 304-558-2764

Michael Evans, Architect State of West Virginia

Building 1, Room MB-60 1900 Kanawha Blvd., East Charleston, WV 25305-0430 304-957-7145

David Hildreth State of West Virginia

1409 Greenbrier Street Charleston. WV 25305

Dirar Ahmad West Virginia Division of Highways

Building 5 1900 Kanawha Blvd., East Charleston, WV 25305-0430 304-558-2830

Melody Haynes State of West Virginia

Building 1, Room MB-60 1900 Kanawha Blvd., East Charleston, WV 25305-0430 304-957-7173



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

Proc Folder: 614853

Doc Description: WV Capitol Complex Hardscape Repairs Project

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Soficitation No	Version
2019-08-19	2019-09-09	CEOI 0211 GSD2000000002	1

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BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION 2019 WASHINGTON ST E

CHARLESTON

WV

25305

U\$

VENDOR

Vendor Name, Address and Telephone Number:

Alpha Associates, Inc 209 Prairie Ave. Morgantown, WV 26501 304-296-8216

FOR INFORMATION CONTACT THE BUYER

Melissa Pettrey (304) 558-0094

melissa.k.pettrey@wv.gov

Signature x Labor Labor Laboratory

FEIN# 550516286

DATE 9/5/19

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

Page: 1

FORM ID: WV-PRC-CEOI-001

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

CERTIFICATION AND SIGNATURE: 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.

Alpha Associates, Inc
(Company)
huldelul
(Authorized Signature) (Representative Name, Title)
Kichmont. Colpbank Pars & Cod
(Printed Name and Title of Authorized Representative)
9/5/19
(Date)
304-296-8216/ 304-296-8245
(Phone Number) (Fax Number)

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 ora 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.
Alpha Associates, Inc
Company
halfele L Paces
Authorized Signature
_ 9/5/19 Date
NOTE: This addendum acknowledgement should be submitted with the bid to expedite

document processing.

West Virginia Ethics Commission Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Contracting Business Entity: Alpha Associates, Inc	Address: _209 Prairie Ave, Morgantown, WV 2650
Authorized Agent: _ Richard A. Colebank	Address:
Contract Number: CEOI 0211 GSD2000000002	Contract Description: WV Capitol Complex Hardscape
Governmental agency awarding contract: West Virgini	Repairs a Purchasing Division
☐ Check here if this is a Supplemental Disclosure	
List the Names of Interested Parties to the contract which a entity for each category below (attach additional pages if n	re known or reasonably anticipated by the contracting busines ecessary):
 Subcontractors or other entities performing work of ☐ Check here if none, otherwise list entity/individual na 	r service under the Contract mes below.
2. Any person or entity who owns 25% or more of con ☐ Check here if none, otherwise list entity/individual na	tracting entity (not applicable to publicly traded entities)
Richard Colebank, President, COO Richard Klein, Chairman, CEO	mea below.
	I the terms of, the applicable contract (excluding legal applicable contract)
Check here if none, otherwise list entity/individual nar	nes below.
Signature: Miller Hors 40	Date Signed: _ 9/5/19
Notary Verification	
State of West Virginia Cou	inty of Upshur
I, <u>Kayla Facemire</u> entity listed above, being duly sworn, acknowledge that the penalty of perjury.	the authorized agent of the contracting business. Disclosure herein is being made under oath and under the
Taken, sworn to and subscribed before me this5th	day of September 2019.
To be completed by State Agency: Date Received by State Agency: Date submitted to Ethics Commission: Governmental agency submitting Disclosure:	Notary Public's Signature OFFICIAL SEAL STATE OF WEST VIRGINIA NOTARY PUBLIC Kayla D Facemire PO Box 1083 Buckhannon, WV 26201 My Commission Expires Sep. 19, 2023 Revised Outobar 1, 2017

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: 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 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 into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the

"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: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, 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:Alpha Associates, Inc	
Authorized Signature: bullallur	C, Mas & Car Date: 9/5/19
State of _West Virginia	
County of <u>Upshur</u> , to-wit:	
Taken, subscribed, and sworn to before me this $\underline{5}$	day of <u>September</u> , 20 19 .
AFFIX SAL STATE OF WEST VIRGINIA NOTARY PUBLIC Kayla D Facemire PO Box 1083 Buckhannon, WV 26201 My Commission Expires Sep. 19, 2023	NOTARY PUBLIC Purchasing Affidavit (Revised 01/19/2018)