

NOTICE

Please note that this bid from Triad Engineering for DNR16*12 was received at the Purchasing Division office prior to the established bid opening date and time on December 3, 2015 as noted on the coversheet of the electronic bid, but was not loaded properly at the public bid opening. This bid has since been loaded and is now posted.

A handwritten signature in cursive script that reads "Diane Holley-Brown". The signature is written in black ink and is positioned above a solid horizontal line.

Diane Holley-Brown
Assistant Purchasing Director



West Virginia Purchasing Division

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Charleston, WV 25305
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The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header

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Procurement folder: 159027

SO Doc Code: CEOI

Procurement Type: Central Contract - Fixed Amt

SO Dept: 0310

Vendor ID:

SO Doc ID: DNR1500000012

Legal Name: TRIAD ENGINEERING INC

Published Date: 10/28/15

Alias/DBA:

Close Date: 12/3/15

Total Bid: \$0.00

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Response Date:

Status: Closed

Response Time:

Solicitation Description:

Total of Header Attachments: 0

Total of All Attachments: 0



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

**State of West Virginia
 Solicitation Response**

Proc Folder : 159027

Solicitation Description : A&E SVCS Boating and Parking Improvements Tygart Lake

Proc Type : Central Contract - Fixed Amt

Date issued	Solicitation Closes	Solicitation No	Version
	2015-12-03 13:30:00	SR 0310 ESR12021500000002501	1

VENDOR
000000203587 TRIAD ENGINEERING INC

FOR INFORMATION CONTACT THE BUYER
 Guy Nisbet
 (304) 558-2596
 guy.l.nisbet@wv.gov

Signature X **FEIN #** **DATE**

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Architectural/Engineering Serives				

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description : A/E services for boating and parking improvements at Tygart Lake State Park.

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I. Project Scope

The West Virginia Division of Natural Resources (WV DNR) is seeking professionals to provide engineering evaluation and design for improvements to the boat ramps, ramp access areas, and parking areas at Tygart Lake State Park in Grafton, WV. The WV DNR desires to increase the amount of parking available to visitors of the Park, as well as reconfigure these areas to accommodate a variety of vehicles, boats, trailers and/or campers. The selected engineering consultant will be responsible for: 1) reviewing existing plans and conditions; 2) working effectively with the owner to understand the operation and needs of the Park; 3) designing facility upgrades to meet owner and user objectives; and 4) providing construction contract administration services to ensure that disruptions to the parks' operations are kept to a minimum during the design and construction phases and the project functions as designed upon completion.

II. Project Approach

The following is a breakdown of this project into *anticipated* phases and tasks, based upon our experience, Project Understanding and familiarity with the Tygart Lake State Park site:

Phase I – Initial Task Review and Investigations

Task 1 – Review Existing Information

Triad will perform a thorough review of all existing project and site information as provided by the WV DNR Project Manager.

Task 2 – Project Planning / Stakeholder Meetings / Project Schedule

Triad will schedule a meeting(s) with WV DNR, Tygart Lake State Park and/or any identified project stakeholders to discuss the scope of the project and any possible challenges or alternatives. We will also schedule meetings with review agencies to receive input and approval. Upon meeting with the WV DNR and stakeholders, Triad will provide an anticipated project schedule.

Phase II – Preliminary and Final Design

Task 1 - Base Mapping

Triad will compile all available existing information and perform additional field surveying as necessary to provide an existing planimetric and topographic map suitable for preliminary and final design of the boat ramps, ramp access areas, and parking infrastructure.

Task 2 – Preliminary Design & Cost Estimate

Triad will perform preliminary design and provide a preliminary cost estimate for the proposed improvements. The preliminary design and cost estimate will then be reviewed with the WV DNR.

Task 3 – Final Design

Triad will incorporate any comments offered by the WV DNR and stakeholders into the final design. We will then proceed with preparation of construction contract documents that will include:

- Cover Sheet
- Legend and General Notes
- Existing Conditions Plan
- Layout Plan
- Grading Plan

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- Site Utility Plan
- Erosion and Sediment Control Plan, Narrative and Details
- Site Construction Details

Task 4 – Final Approval

Triad will be responsible for completing all permit applications, conducting meetings with various regulatory agencies, and making final revisions to the plans.

Phase III – Bidding Phase

Triad will assist the WV DNR and Tygart Lake State Park in preparing and placing the advertisement for construction of the proposed project. We will conduct a pre-bid meeting, address contractor questions, issue addendums (if any), conduct the bid opening, certify the bids, and make a recommendation regarding contractor selection (if desired).

Phase IV – Construction Administration and Inspection

Triad will provide construction administration and inspection services for the project. Triad will provide the following services during construction:

- Conduct a Pre-Construction Meeting
- Process Monthly Pay Requests
- Review Shop Drawings
- Attend Meetings
- Conduct an Interim and Final Inspection

In addition, Triad can provide full-time construction monitoring and/or materials testing services to ensure the progress and efficiency of the contractor if requested.

III. Project Quality Assurance & Control

As Project Manager, Mr. Bill Ernstes, ASLA will be responsible for monitoring and controlling project schedule, budget and quality. As work progresses, Mr. Ernstes will evaluate progress on a weekly basis to compare actual project progress with the established work schedule. If these reviews indicate that a problem is developing, he will explore options for correcting the situation. If circumstances develop that will make it impossible to maintain the original schedule, scope or budget, the WV DNR project manager will be immediately informed of the situation and a mutually satisfactory schedule adjustment will be made.

Mr. Ernstes will also schedule weekly meeting with relevant project staff (as appropriate) to generally review project schedule and budget, and review work products for completeness, accuracy, and conformance with the project requirements. Triad maintains a two-tiered quality review system. The first tier requires the staff person who generates work to have their work product reviewed by a peer. Any revisions required by the peer review are completed prior to moving to the second tier. In the second tier review, a senior level technical person must review and sign off on the quality of all work. This is typically conducted by the Project Manager, Principal Engineer and/or Chief Technical Officer.

IV. Firm Introduction

Founded in Morgantown in 1975, Triad Engineering, Inc. (Triad) has supported development across Monongalia County for over 40 years. Our company is 100% employee owned and operated (ESOP – Employee Stock Ownership Plan) by over 180 full-time employee owners working from seven office locations in West Virginia, Ohio, Maryland, Pennsylvania and Virginia. Our skilled professional staff provides full-service civil and geotechnical engineering and design, subsurface exploration, environmental assessment and remediation, construction monitoring, laboratory testing, surveying, drilling, and landscape architecture services that are practically designed and delivered on time and within budget to meet our clients' needs and goals.



V. Introduction of Key Personnel

Our project team can provide a comprehensive range of programmatic and technical capabilities that have proven successful in the performance of planning, land development and construction projects. We offer a unique combination of energy, insight, resources and experience to assist the WV DNR.

Site Civil Engineering and Landscape Architecture

PROJECT MANAGER

Mr. William (Bill) Ernstes, ASLA

Civil Engineering and Land Development Manager / Senior Landscape Architect
20 Years Professional Experience
B.S., Landscape Architecture – West Virginia University

Mr. Ernstes provides professional services in the areas of land and infrastructure development, utility relocation, site inventory and analysis, planning, landscape architecture, civil engineering and permitting, storm water management design and best management practices, storm drain design, erosion and sedimentation control, and highway / roadway design. In his capacity as Project Manager, his responsibilities include contract management, client project coordination, design production, quality control and quality assurance. Mr. Ernstes is a Registered Landscape Architect in West Virginia, Virginia, Maryland and Pennsylvania.



Mr. Joe Young, RLA

Senior Landscape Architect
26 Years Professional Experience
B.S., Landscape Architecture – West Virginia University

Mr. Young provides clients with a variety of landscape architectural services including site inventory and analysis, program production, conceptual design, design development, high quality graphic presentations, project management, construction document preparation and construction administration. In this capacity, Mr. Young brings years of experience on a diverse range of projects covering all aspects of landscape architectural design and planning in both the public and private sector. Mr. Young's experience includes park and streetscape design, resort and campus master planning, subdivision layout, landscape and hardscape design, landscape design, grading and earthwork calculations, construction detailing, specifications, and estimating. Mr. Young also



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performs Project Management on related projects, and has been involved in planning projects for national and international military bases, pocket parks, 5,000 acre reserves, large downtown streetscapes, subdivision layout and design, and campus master plans for many college and universities.

Additional Design Staff:

- Mr. Doug Timbrell, PLA, ASLA, LEED GA
- Mr. Billie Swailes, PE
- Mr. Cory Luzier
- Mr. Eric Iser, PE
- Mr. Ron Bidle, Jr.
- Mr. Mark Felton
- Mr. Lee McCoy, Jr., PE
- Mr. Bo Criniti

Project Quality Assurance / Quality Control

Mr. David F. Meadows, PE, PS

Chief Technical Officer / Senior Engineer

40 Years Professional Experience

M.S., Civil Engineering - West Virginia College of Graduate Studies

M.S., Civil Engineering (Geotechnical) - Virginia Polytechnic Institute & State University

B.S., Civil Engineering (Cum Laude) - West Virginia Institute of Technology

Mr. Meadows brings over 40 years of leadership, design, construction and project management experience to Triad Engineering. Mr. Meadows joined Triad in 2013 to provide management to the Southwestern Regional operations, which includes the areas served by the St. Albans, WV and Athens, OH offices. Prior to joining Triad, he served in a number of technical and leadership positions at the US Army Corps of Engineers, Huntington District. His expertise includes civil design, geotechnical engineering, construction management, surveying, environmental remediation, and water resources engineering.



Geotechnical Engineering

Mr. Randy Moulton, PE

Principal Engineer / Senior Geotechnical Engineer

37 Years Professional Experience

M.S., Civil Engineering (Geotechnical) / B.S., Civil Engineering – West Virginia University

As Principal Engineer and the company's former CEO, Mr. Moulton is responsible for contract administration and overall quality control and technical quality assurance of projects undertaken by Triad Engineering, Inc. His specific technical activities include preparation of geotechnical proposals, review and/or preparation of subsurface exploration programs, evaluation of geotechnical data, and review and preparation of detailed geotechnical reports. His technical specialties also include design of deep foundations, in particular rock-socketed caissons, design of various types of retaining walls, evaluation of groundwater and seepage problems, and design of earth and earth-rock dams. Mr. Moulton is a Registered Professional Engineer in West Virginia, Pennsylvania, Maryland, Virginia and North Carolina.



Additional Geotechnical Engineering Staff:

- Mr. John J. Haynes, PE (*Drilling Manager*)
- Mr. David Hooper, PE
- Mr. Daniel Lipscomb, PE
- Mr. Richard Rogers
- Mr. Matthew Idleman, EIT
- Mr. Jonathan Geary

Surveying

Mr. Mike Frazee, PS

Surveying Manager / Professional Surveyor

12 Years Professional Experience

A.S., Land Surveying – Glenville State College

Mr. Frazee has over 12 years of diversified surveying experience. He provides daily supervision of field crews and the coordination of field and office survey work. Mr. Frazee's responsibilities also include the supervision of boundary, right-of-way, topographic, as-built, and construction surveys, construction survey stakeout calculations, courthouse deed research, production of survey mapping, scheduling of field work and crew assignments, preparation of survey related reports, and survey work estimates. Mr. Frazee has provided survey services to local and state agencies, private individuals, and large commercial, energy and industrial companies. Mr. Frazee is a Licensed Professional Surveyor in West Virginia.



Additional Surveying & CADD Staff:

- Mr. Noah Moats
- Mr. Mike Dennis
- Mr. Buddy Goff
- Mr. Tom Deason
- Mr. Mark Talkington
- Mr. Jeff Chambers
- Mr. Mike Ferrell

VI. Project Experience

Triad has over 40 years of experience in North Central West Virginia, and has supported numerous recreational and infrastructure developments conducted in the area throughout this time, including:

West Virginia

- Tygart Lake State Park – Grafton
- White Park – Morgantown
- Mary Lou Retton Park – Fairmont
- Oglebay Park – Wheeling
- Glendale Park – Elkins
- Grant Town Ball Park – Marion / Monongalia Counties
- Blackwater Falls State Park – Tucker County
- Cacapon State Park – Berkeley Springs
- Cooper's Rock State Park – Preston County
- Huntington State Park – Cabell / Wayne Counties

Western Maryland

- Deep Creek Lake State Park – Garrett County
- Mountain Lake Park – Garrett County
- New Germany State Park – Garrett County
- Rocky Gap State Park – Allegany County

Southwestern Pennsylvania

- Point Marion Park – Fayette County
 - **CURRENT Project** – includes engineering evaluation and design for the development and/or upgrades to the Park's general and trailhead parking facilities, boat access and launch areas, bathroom facilities (Sweet Smelling Toilet system), all-purpose field, and signage and landscaping.
- Friendship Hill National Historical Site – Fayette County

Welch Riverfront Park, Welch, WV

Client: City of Welch, WV (304) 436-3113

Triad was selected to design a park and streetscape improvements to a downtown area that is adjacent to the Tug Fork River. Services included the preparation of a master plan, construction documents, and construction administration. The park included extensive landscape improvements, lighting upgrades, concrete sidewalks with clay pavers, street furniture, parking improvements and the creation of an amphitheater space that connected the lower level and the upper level with a ADA ramps and steps. The space was developed to create an open space that could be used for community events as well as to create a greatly needed open space in the downtown area.



This project won an Honor Award from the WV Association of Landscape Architects.

Boone County Sports Complex, Julian, WV

Client: Boone County Parks & Recreation (304) 369-6125

Triad prepared a master plan and construction documents for this 20 acre site. The project involved the planning of a multipurpose field, baseball field, walking trail, canoe livery, restroom facility and an amphitheater. The amphitheater was designed around an existing walking path and was incorporated into the natural surroundings, and to save as many trees as possible. A detailed set of construction documents was completed upon approval of the master plan. The fact that most of this project was situated in the flood plain also presented many design and permitting challenges. Triad performed a HEC-RAS study for this project and determined potential floodplain impacts. We maximized the use of the floodplain while avoiding any increase in the flood risks.



Canaan Valley Institute Headquarters, Facilities and Infrastructure, Davis, WV

The Canaan Valley Institute (CVI), headquartered in Davis, West Virginia, is a non-profit conservation organization whose goal is to preserve the heritage of the Allegheny Highlands. The CVI selected a design team to complete construction plans and specifications for the construction of their new headquarters and maintenance buildings and the associated access roads. These facilities are positioned on a portion of CVI's 3,208 acre tract of property located just east of Davis, West Virginia.

Triad's partnered with Parsons Brinkerhoff Quade & Douglas, Inc. to provide geotechnical and surveying services for the new facilities planned for construction by CVI. The headquarters building provides approximately 56,277 square feet of office and visitor space. The building is complemented with large parking areas as well as a separate maintenance facility. A roadway approximately 2,400 feet in length and a service drive road approximately 1,000 feet in length were necessary to provide site access. In addition, storm water management and on-site water storage facilities were integral to the design.

Triad performed site surveying services in order to: establish an site horizontal and vertical survey control network; stake out of the bore holes; perform surveyed profiles along proposed road alignments for mapping verification; stake out of the road alignments; perform survey ties to the proposed Corridor H alignment whose right of way impacts this property; establish two pairs of concrete survey monuments to be utilized by contractors during the construction phase of the project.

Triad performed the subsurface investigation and provided a geotechnical evaluation so that foundation and pavement design recommendations could be provided. Twenty-nine (29) test borings were performed for the evaluation of the headquarters building and support facilities. An additional eighteen (18) test borings were performed to evaluate the proposed alignments of the main entrance roadway and service drive road. Design factors considered for the project, in addition to foundation and pavement design recommendations, included cut slope design, rock fill, embankment stabilization, drainage channel protection, and shrinkage and swell factors of excavated materials.

The harsh weather conditions occurring at the time of the subsurface exploration lead to difficult on-site conditions, particularly for the coring operations. Triad received a written letter of praise from the management of the Canaan Valley Institute for the quality of the field work performed and the competency of the staff performing the work. Construction was completed on the facility in 2009.

University Town Centre, Phase III, Granville, Monongalia County, WV

Client: Mr. Bill Linn, West Virginia University Facilities Management (304) 293-2878

Triad has continued to provide engineering, drilling, surveying and QC construction monitoring and testing services to support the development of University Town Centre, including the new regional baseball stadium. The stadium, which opened in April 2015, was developed through a public-private partnership between Monongalia County (WV), Mon-View Development, LLC and West Virginia University, and funded through a combination of University, end-user, private and Tax Increment Financing (TIF) funds. The \$21M stadium is home to WVU's baseball team, and provides facilities for other schools in the area as well as a new outdoor arena for community festivals, concerts and public events. It also serves as the home of the *2015 New York-Penn League Champion WV Black Bears*, a Class A minor league team affiliated with the Pittsburgh Pirates.



New and expanded infrastructure is being developed around the site, including a new interchange from the highway to ease traffic congestion and provide a direct route for visitors to enter the park. The sensitive nature of the site required a detailed geotechnical investigation and a wide variety of design recommendations.

Triad is also providing continuous construction management, monitoring and materials testing on behalf of the owners throughout construction, including the current roadway development and paving. **In addition, Triad's Land Development group provided evaluations, coordination, site civil design and construction phase services for the development of the 5.6 acre parking lots surrounding the park facility.**

In addition to the ball park and its related infrastructure, the Phase III development also includes the West Virginia University Healthcare Outpatient Care Facility (OCC), Marriott Courtyard Hotel, restaurants, offices and retail shops. It is anticipated that nearly 1,500 jobs have been / will be created by the construction process, with more than 1,100 permanent jobs available upon completion.

Appendix A – Resumes for Key Personnel

William M. Ernstes, ASLA

Land Development Services Manager

Senior Landscape Architect

PROFESSIONAL EXPERIENCE

20 Years

HIGHLIGHTS OF EXPERIENCE

Mr. Ernstes manages Triad's Northwestern Regional (Morgantown, WV and Bridgeville, PA offices) Civil Engineering & Land Development department, which also provides professional services in the areas of site inventory and analysis, planning, landscape architecture, and permitting. In this capacity, his responsibilities include project management, client project coordination, design production, quality control and quality assurance. Mr. Ernstes' experience includes land and infrastructure development, permitting, utilities, stormwater management and storm drain design / best management practices, and erosion and sediment controls. Mr. Ernstes also provides clients with a variety of landscape architectural services including site inventory and analysis, program production, conceptual design and development, high-end graphic presentations, and construction document preparation and administration.

Mr. Ernstes is currently a member of Triad's Board of Directors. He is also actively involved within the WV Chapter of the American Society of Landscape Architects, and previously served as the Chapter's President and Treasurer. Locally, he volunteers his time as a citizen planner for the Cheat Neck Planning District Advisory Committee (CNPDAC) which reports to the Monongalia County Planning Commission.

EDUCATION

BS, Landscape Architecture

West Virginia University, 1994

REGISTRATIONS, LICENSES & TRAINING

Registered Landscape Architect

Virginia (#812), West Virginia (#279),
Maryland (#3315), Pennsylvania (#2809)

HIS PROJECT EXPERIENCE INCLUDES:

LANDSCAPE ARCHITECTURE / RECREATION

The Bluffs at Falling Water, Monongalia County, WV

As Project Manager, providing planning and civil engineering services for a recreation trail for the upscale Bluffs at Falling Water project. The trail will provide residents within the community, private access to the existing Cheat Lake trail owned and operated by First Energy. The trail will route residents to private docks along the Morgan Run backwaters of Cheat Lake and include a spur to the existing trail. Project scope includes preparation of construction documents and local review / approvals.

Arthurdale Trail Extension, Arthurdale, WV

Project Manager responsible for preparation of a feasibility study for a new ½ mile long recreational trail between Reedsville, WV and historic Arthurdale, WV. The feasibility study included investigation of multiple trail routes, ownership and financial issues, review of environmental impacts and trail water crossings and cost estimates. Funding for the study was provided through grants obtained by Arthurdale Heritage, Inc from the West Virginia Department of Highways.

Sheepskin Trail, Fayette County, PA

As Project Manager, providing planning and civil engineering services for the Sheepskin Trail project located in Fayette County, Pennsylvania on behalf of the National Road Heritage Corridor. The trail will be constructed on an abandoned rail bed and will extend approximately 1 ½ miles from the West Virginia / Pennsylvania state line (Mason Dixon Line) north through Point Marion to the bridge crossing at the confluence of the Monongahela and Cheat Rivers. A trailhead is also being incorporated near the Point Marion Park.

Planning and Civil scope includes preparation of a preliminary design, construction documents, cost estimate, bid documents and permitting.

Terra Alta Walkability Study, Terra Alta, WV

Responsible for preparation of a Walkability Study through WVASLA to increase pedestrian and non-motorized accessibility within the Town of Terra Alta. Project scope involved meeting with town stakeholders to develop a list of program elements and needs, exploring Safe Routes to Schools opportunities, developing a final master plan and presenting final master plan to Terra Alta.

TRANSPORTATION

WVU Transportation Center and Garage, Morgantown, WV

Project Designer responsible for preparation of Site Development Plans and permitting required for the WVU Transportation Center and Garage located on the medical campus of West Virginia University. Scope included preparation of plans to address layout, grading, utility, storm water management, landscape and erosion and sediment control for a new +/-500 parking space garage, public transportation center, linkage to WVU Health Sciences Center and PRT, parking, biking and pedestrian site needs.

The facility was developed with growth in mind, and has the capacity for 1500 parking spaces if expanded. For this, the project was recognized with a **2010 WV AIA Merit Award for Design** for its originality, quality of design, program resolution, innovation, thoughtfulness and technique.

Monongalia County Ball Park, Granville, WV

Project Manager and Designer for the site layout, grading, utilities, erosion and sediment controls, and stormwater management design, as well as construction documentation and administration services, for the parking areas associated with the new Monongalia County / West Virginia University / WV Black Bears baseball park just outside of Morgantown, WV. The lots, situated on two parcels totaling 5.6 acres, are ADA-compliant and include pedestrian / traffic signage and an energy-efficient overhead lighting system.

Additional Parking / Infrastructure Projects, Morgantown, WV

On behalf of institutional, government and private clients, Mr. Ernestes has led the design and development of efficient and compliant infrastructure and parking projects including:

- WVU Campus Lots - #6, 31, 34, 81
- WVU Expansion Lot - Evansdale Greenhouse
- WVU Mountainlair Parking Garage
- WVU Hospitals / Med Center Garage
- WVU Alumni Center
- Monongalia General Hospital (Multiple Phases)
- DOE NETL (Multiple Phases)
- Morgantown Parking Authority (Downtown / Wharf)
- Mylan Pharmaceuticals, Inc. (Multiple Phases / Lots)
- Fairmont State University (Multiple Phases)

DEVELOPMENT / PLANNING

I-79 Technology Park, Fairmont, WV

Project Manager for the development of a Master Plan and detailed Retail / Commercial Plan for the expansion of the Park on behalf of the WV High-Tech Consortium (WVHTC) Foundation. Several areas of this campus are well-established and home to government agencies, utility providers and consulting firms, while many others remain in the planning and construction phases. New and planned developments include hotels, restaurants, office and industrial facilities, and the North Central WV Advanced Technology Center (ATC).

Cornerstone Commerce Park, Monongalia County, WV

Project Manager for the development of approximately 221 acres of mixed-use commercial and industrial park properties along the Grafton Road exit of Interstate 79, just south of Morgantown. Project services have included Master Planning for nine commercial and 17 industrial parcels, as well as pad site development including grading concepts, costs estimates, and the preparation of construction plans and documents.

RESIDENTIAL DEVELOPMENT

Falling Water, Morgantown, WV

Project Manager responsible for development of a 194-acre, 300+ unit planned residential development adjacent to Cheat Lake. An initial Master Plan was followed by Construction Plans for the first two phases of the development. Project entailed permitting through WVDEP, USACOE, DNR & US Fish and Wildlife, Public Land Corporation and the WVSHPO. Surveying tasks that have been completed throughout this ongoing project have been Aerial mapping, Record Platting, Construction Stakeout, As-built topography and setting of property corners. Marketing Illustratives were later prepared for marketing and publications.

Landing @ Sunset Beach, Morgantown, WV

Project Manager responsible for a Feasibility Study and Marketing Exhibits for a 29 lot mixed-use residential development to be constructed in the Sunset Beach area near Cheat Lake. This 3 acre development consisted of 21 single family detached lots and 8 townhome lots. Upon completion of the feasibility study, marketing illustratives were prepared using Adobe Photoshop for publishing in the *Homes and Land* journal publication.

Joe H. Young, RLA

Senior Landscape Architect, Southwestern Region

PROFESSIONAL EXPERIENCE

26 Years

HIGHLIGHTS OF EXPERIENCE

Mr. Young provides clients with a variety of landscape architectural services including site inventory and analysis, program production, conceptual design, design development, high quality graphic presentations, project management, construction document preparation and construction administration. In this capacity, Mr. Young brings years of experience on a diverse range of projects covering all aspects of landscape architectural design and planning in both the public and private sector. Mr. Young's experience includes park and streetscape design, resort and campus master planning, subdivision layout, landscape and hardscape design, landscape design, grading and earthwork calculations, construction detailing, specifications, and estimating. Mr. Young also performs Project Management on related projects, and has been involved in planning projects for national and international military bases, pocket parks, 5,000 acre reserves, large downtown streetscapes, subdivision layout and design, and campus master plans for many college and universities.

EDUCATION

B.S., Landscape Architecture

West Virginia University, 1989

REGISTRATIONS, LICENSES & TRAINING

Registered Professional Landscape Architect

West Virginia, Ohio, Kentucky

HIS PROJECT EXPERIENCE INCLUDES:

Welch Riverfront Park, Welch, WV

The City of Welch set its sights on improving the downtown area and creating a positive image for the City and the surrounding communities. Mr. Young helped the community leaders come up with a vision that would fulfill their goals of a positive community image. With the creation of a park and streetscape improvements to a downtown area adjacent to the Tug Fork River was the key element to a master plan that was developed. From the master plan the Riverfront Park was selected to be the first project. The park included extensive landscape improvements, lighting upgrades, concrete sidewalks with clay pavers, street furniture, parking improvements and the creation of an amphitheater space that connected the lower level and the upper level with a ADA ramps and steps. The space was developed to create an open space that could be used for community events as well as to create a greatly needed open space in the downtown area. The construction, which had to meet the City of Welch's stringent aesthetic requirements, required Mr. Young's design expertise until the final touches were in place on the park, which was completed during the fall of 2009. The project won the American Society of Landscape Architects West Virginia Chapter Honor Award for outstanding professional achievement in Urban Design.

The Miller Addition, Englewood, OH

Master Plan to renovate a 135 acre sand and gravel quarry into a park facility which included fishing access areas, day-use areas, canoeing access, accessible walking and nature trails throughout the site. The renovation was needed to replace existing water related activities that were gradually being lost in the main reserve because of siltation. Project Landscape Architect, The Park District of Dayton and Montgomery County.

Boone County Sports Complex, Julian, WV

Boone County Parks and Recreation (BCPR) wanted to expand the activities at their existing 130 acre park site near Julian, WV. The park is home of the Waterway, a swimming and water slide facility. BCPR enlisted the help of Triad Engineering to expand the facility and to provide other recreational opportunities for the community. The only available land for the expansion was in the Little Coal River flood plain. The development of this area required a flood study. Triad studied the flood prone area and determined that the development would not affect the flood plain or any downstream communities. Mr. Young worked with BCPR to incorporate their vision for the park and develop a program, construction documents and the permits needed for the construction of a football field, soccer field, baseball field, parking areas, restroom facilities, trailhead, and a 300 seat amphitheater.

Wolf Point Park, Ashland, KY

Mr. Young worked with a developer to develop a master plan for a 65 acre site near Ashland, KY. The project will be the future site of an instructional baseball and sports academy for the local community. The park will have a 40,000 square foot multi-purpose indoor facility that will be able to be used for baseball, soccer, gymnastics and weight training. There will also be 4 Little League fields with a central concession / restroom and scorers area and 4 Babe Ruth fields with a central concession / restroom and scorers area. All fields will be lit to maximize the play and instructional time. The park will also have a walking / fitness trail and parking for 600 cars.

Washington Nile Local School District, West Portsmouth, OH

Mr. Young oversaw the site civil landscape work for the development of a middle school on an existing high school and elementary site. The new addition occupies the area now that was being used as a football practice field and open play area. The site needed to be raised 13 feet so that it would no longer be in the Ohio Rivers flood plain. Site features included the development of a new circulation and parking system, the placing of the building for appropriate sun orientation, pedestrian circulation around the site, utility design and an extensive storm water management system. The project is a LEED registered project that achieved a Silver Certification. Triad worked with a project team headed by the architect and owner, to develop a complete comprehensive set of construction documents.

Clay Local School District, Portsmouth OH

The project consists of the development of an existing high school site into a K-12 school site with the addition of the middle and elementary schools. The new addition occupies the area now being used as student and faculty parking area. Site features included the development of a new circulation and parking system, the development of age appropriate play areas, outdoor learning areas, outdoor courtyard area, pedestrian circulation around the site, utility design and a storm water management system. This project is a LEED registered sustainable project.

Dawson-Bryant Local School District, Coal Grove, Ohio

Mr. Young worked with Dawson-Bryant LSD to develop graphic plans and construction documents for the existing 1.3 acre playground renovation. The elementary school playground had a severe surface water drainage issue and a large expansive area of mulch which provided maintenance issues inside and outside of the school. The existing playground consisted of a hard surface play area and almost an acre of mulched play surface area around play structures and swings. The plan developed introduced a large grass play area with an extensive drainage system, a meandering concrete walkway that looped the entire playground and safety zones filled with play mulch around the structures and swings.

St. Mary's Medical Center, Huntington, WV

Teaming with a local architect to provide a comprehensive plan for the future development of St Mary's Medical Center campus, Mr. Young oversaw the planning for this project which included the realignment of

roads and parking areas to improve vehicular and pedestrian circulation. The plan also included the development of a green space system that allows patients, visitors and employees to walk from building to building with minimal vehicular conflicts. One of the key elements of the project was reducing the amount of paved area on campus. The reduction of paved area will reduce the amount of storm water entering the city's combined system. A portion for the parking lot will incorporate a pervious pavement system that will further reduce the storm water impact on the local system.

Sue Morris Sports Complex, Glenville, WV

Mr. Young worked with the owner and contractor to plan and design this sports field project that included a NCAA regulation baseball field for the use of Glenville State University, as well as Gilmore County High School. The project also included two regulation Little League baseball fields, a building that houses a concession, restroom, box seating, and a meeting room.

Volunteer Ballpark on Memorial Boulevard, Huntington, WV

Mr. Young worked with a nonprofit organization to develop graphic plans and construction documents for this Little League Baseball park in Huntington West Virginia. The youth sports complex was developed on an old Owens-Corning refuse landfill on the west side on historic Ritter Park. The project consists of 2 fields with bleachers and scorer's booth, concession/ restroom facility, a ceremonial plaza and a promenade.

Powderidge Condominium Improvements, Snowshoe, WV

Mr. Young worked with a team of design professionals and Powderidge Home Owners Association to prepare design documents and plans for site improvements. The improvements included updated the signage, parking reconfiguration, entries into the buildings, ski slope access, slope side site amenities, snow management, and its impact the design elements on the landscape and the surrounding environment.

Stonewall Jackson State Park, Roanoke, WV

Prepared plans and construction documents for 198 unit lakeside lodge and conference center with indoor and outdoor pool, outdoor dining, snack bar, fire pits, and overlook deck. Other site improvements included placement of 10 water front cottages and campsites site improvements.

Charleston Newspapers, Pedestrian Park, Charleston, WV

The development of a pedestrian park that could be utilized by employees as well as the general public. The park plan includes a low limestone seat wall that reflects the stone on the newspaper office building as well as the adjacent bridge. A fountain to mask the sound of the traffic with extensive landscape treatments. Project Manager, Charleston Newspapers.

Paul G. Duke Park, Troy, OH

Prepared design plans and contract documents for the development of \$1.5 million of improvements which included lighted softball and baseball fields; football / soccer fields; restroom/ concession buildings; picnic shelters; site utilities and landscape and irrigation treatments.

Englewood Reserve Master Plan, Englewood, OH

Prepared a master plan for an area, which includes 5,000 acres surrounding the scenic, designated Stillwater River. The plan contained numerous key recommendations for the development of the reserve including development of policies on land stewardship; detailed schematic layout of vehicular, pedestrian, and bicycle access. Project Landscape Architect, The Park District of Dayton and Montgomery County.

David F. Meadows, PE, PS

Chief Technical Officer

Southwestern Regional Manager / Senior Engineer

PROFESSIONAL EXPERIENCE

40 Years

HIGHLIGHTS OF EXPERIENCE

Mr. Meadows brings over 40 years of leadership, design, construction and project management experience to Triad Engineering. Mr. Meadows joined Triad in 2013 to provide management to the Southwestern Regional operations, which includes the areas served by the St. Albans, WV and Athens, OH offices. Prior to joining Triad, he served in a number of technical and leadership positions at the US Army Corps of Engineers, Huntington District. His expertise includes civil design, geotechnical engineering, construction management, surveying, environmental remediation, and water resources engineering.

EDUCATION

M.S., Civil Engineering

M.S., Civil Engineering (Geotechnical)

B.S., Civil Engineering (Cum Laude)

West Virginia College of Graduate Studies, 1987

Virginia Polytechnic Institute & State University, 1981

West Virginia Institute of Technology, 1974

REGISTRATIONS, LICENSES & TRAINING

Registered Professional Engineer

Registered Professional Surveyor

West Virginia

West Virginia

HIS PROJECT EXPERIENCE INCLUDES:

Triad Engineering, Scott Depot, WV

Mr. Meadows has played an important role in maintaining the technical quality and management of Triad's Southwestern Region, while being very active in business development. Besides managing all phases of operations for the Scott Depot, WV and Athens, OH offices, Mr. Meadows also provides technical oversight and guidance for corporate civil engineering and utilities design, geotechnical investigation, environmental assessment, land surveying and mapping, construction monitoring and testing operations, and soils and concrete laboratory projects and procedures.

US Army Corps of Engineers, Huntington, WV

Chief, H&H and Technical Support Division, Great Lakes and Ohio River Dam Safety Production Center and Dam Safety Modification Mandatory Center of Expertise

Mr. Meadows was responsible for developing and directing the Division's efforts to manage the regional execution of complex, non-routine, regional and inter-regional dam safety modifications, engineering assessments and risk and reliability analyses throughout the infrastructure capital stock portfolio of the U.S. Army Corps of Engineers. He primarily accomplished this mission through twelve senior technical staff (Hydraulic, Cost and Construction Engineers) who oversaw all complex technical aspects of modification work. He directed their work and provided them with strategic leadership, mentoring, coaching, counseling, team building, partnering, direction and management.

Chief, Engineering and Construction Division

Mr. Meadows was responsible to the District Commander for the Engineering and Construction functions associated with creating synergy between water resource development and the environment as it pertained to the Civil Works Program; responded to local, national, and global disasters; and provided full spectrum

engineering and construction support to a geographic area comprising 45,000-square-miles. The district infrastructure includes 35 major flood control dams, nine locks and dam, and 29 major local flood protection projects. He provided technical, management, and strategic advice on engineering and construction matters. He directed a diverse staff of 215 team members engaged in all of the district's engineering design, construction, dam safety, levee safety, water management, flood damage reduction, navigation, flood proofing, and environmental enhancement, restoration and rehabilitation projects.

Chief, Water Resources Engineering Branch, Engineering and Construction Division

Mr. Meadows was responsible for planning, supervising and coordinating all hydrologic and hydraulic engineering, water control management and water quality activities of the Huntington District. These multiple discipline activities involved supervisory and program responsibility for studies, designs and reports through all stages of engineering investigations and planning, including preliminary examinations, surveys, review of surveys, urban studies, design reports and final construction plans and specifications for a wide variety of projects which included multiple-purpose projects for flood control, hydroelectric power development, navigation, water quality, and/or recreation, in various combinations, local flood protection projects, and channel improvement.

In addition to the above positions, Mr. Meadows has served as the Chief, Environmental and Remediation Section, Construction Management and Field Support Branch; Chief, Civil Design Section, Design Branch; and Chief, Soils & HTRW Section, Geotechnical Branch

He has also served as a Geotechnical Engineer, a Program Manager and a Hydraulic Engineer. During his career at the Corps he has worked on numerous projects such as the Yatesville Dam design and construction; West Columbus Floodwall, Williamson Central Business District Floodwall, Matewan Floodwall, Grundy Floodwall, Island Creek Flood Damage Reduction Project, Lower Mud Flood Damage Reduction Project and the Marlinton Flood Damage Reduction Project; R. C. Byrd, Winfield and Marmet Locks and Dam Replacement; Willow Island and Medahl hydropower additions; and the Bluestone, Zoar Levee, Dover, Bolivar, Beach City and Mohawk Dam Safety Modifications; and the Tom Jenkins Mineral Extraction. Mr. Meadows was responsible for the and engineering and construction management of the Summit Equipment Remediation, American Car and Foundry Remediation, West Virginia Ordnance Works Remediation and Operations & Maintenance, Dolly Sods, and the PBOW Remediation and Operations & Maintenance; and the Zoar Levee Emergency Repairs. Directly responsible for the development of Flood-proofing Guide Plans and Specifications that resulted in numerous savings and adopted across the USACE.

Randy L. Moulton, PE

Principal Engineer

PROFESSIONAL EXPERIENCE

38 Years

HIGHLIGHTS OF EXPERIENCE

As Principal Engineer for Triad Engineering, Mr. Moulton is responsible for corporate contract administration and overall quality control and technical quality assurance of projects undertaken by the company. Specific technical activities include preparation of geotechnical proposals, review and/or preparation of subsurface exploration programs, evaluation of geotechnical data and review and preparation of detailed geotechnical reports. Technical specialties also include design of deep foundations, in particular rock-socketed caissons, design of various types of retaining walls, evaluation of groundwater and seepage problems, and design of earth and earth-rock dams. Mr. Moulton has also been responsible for managing design of corrective measures at sanitary landfills under the Landfill Corrective Action Program (LCAP) in West Virginia.

EDUCATION

M.S., Civil Engineering (Geotechnical)

West Virginia University, 1980

B.S., Civil Engineering

West Virginia University, 1976

REGISTRATIONS, LICENSES & TRAINING

Registered Professional Engineer

WV, VA, MD, PA, NC

HIS PROJECT EXPERIENCE INCLUDES:

Lakewood Dam, Mineral County, WV

Prime designer for a 72-foot high earth dam with a normal 60-foot water depth, creating a 43-acre reservoir for a lakefront residential community south of Cumberland, MD. Comprehensive services included surveying and aerial mapping, subsurface exploration, laboratory testing, hydrologic and hydraulic analyses, seepage analyses, stability evaluations and preparation of construction drawings and contract documents. Special considerations included a dam break analysis with routing of the flood wave downstream to evaluate impact on an existing railroad embankment. An innovative pond drain device, consisting of high strength HDPE pipe with a hydraulically actuated valve, eliminated the need for a typical reinforced concrete riser and reinforced concrete pressure pipe. A principal spillway weir and concrete lined channel were nested in an open emergency spillway channel excavated into hard bedrock. This combination resulted in appreciable construction cost savings for the Owners. Triad also provided construction monitoring, materials testing and contract administration during construction of the project.

Duncan Run Estates Dam, Berkeley County, WV

Principal Engineer for evaluation and remedial design of a previously non-regulated earth dam located on private property. The WV DEP issued an order to bring the structure into compliance with current dam safety regulations and apply for a Certificate of Operation. The principal spillway of the dam had collapsed at some time in the past, the outlet works were incapable of passing the design storm and there was substantial seepage along the downstream toe of the embankment. Triad conducted a comprehensive exploration, laboratory testing program, stability evaluations, and hydrologic and hydraulic analyses as part of a design-development report in support of an application to modify the structure. Complete construction drawings and technical specifications were also developed. The final design included a new principal spillway structure with a pond drain pipe, a new grouted rip-rap lined emergency spillway channel and a downstream embankment addition with an internal drainage blanket to control seepage.

Silver Lake Dam, Frederick County, VA

Prime designer for a privately owned 40-foot high earth dam which was replacing an older unsafe structure. The project involved constructing the new dam approximately 800 feet downstream of the old dam and abandoning the old dam by excavating a controlled breach. Features of the new dam included a principal spillway system with an oversized riser to control the pool level more effectively during nuisance storms and an emergency spillway routed through a box culvert and discharging via a grouted riprap channel. The box culvert was required to facilitate construction of a private access road across the top of the dam. Triad handled all permitting activities with several agencies of the Commonwealth of Virginia and the U.S. Army Corps of Engineers. Triad also prepared complete bidding and contract documents and conducted construction monitoring and testing services.

Lake Forest Estates Dam, Jefferson County, WV

Project Manager for evaluation of an existing non-regulated earth embankment located on private property being developed as a residential subdivision. The West Virginia DEP issued an order to evaluate the structure and bring it into compliance with current safety standards. The approximate 30-foot high dam was about 350 feet long, with no principal spillway or pond drain mechanism. Triad conducted all field explorations, laboratory testing, engineering evaluations and preparation of a design-development report. Construction drawings and technical specifications were also prepared, and Triad filed applications for all of the necessary permits. Upgrades included a new concrete lined principal/emergency spillway and a downstream berm with a flatter slope and internal drainage blanket to enhance stability.

Loveridge Slurry Impoundment, Marion County, WV

As Staff Engineer and Project Engineer, responsible for analysis and design of a two-stage fine coal refuse impoundment for Consolidation Coal Company for the Loveridge Mine Preparation Plant. The first stage of the facility consisted of a 120-foot high earth and rock fill dam with sloping upstream soil blanket, filter/drain zone and rock blanket foundation drain. The second stage was constructed primarily of coarse coal refuse with a sloping upstream soil blanket and filter/drain zone between the soil and refuse. The overall design height of the facility was 224 feet. The second stage required 6 years to complete for a total fine refuse storage life of 20 years. Developed all hydrology and hydraulics calculations, stability evaluations, design/development report, construction drawings and technical specifications. Also responsible for preparation of permitting documents through WV DNR (now WV DEP) Mining Division, WV Dam Control Division and MSHA.

Michael D. Frazee, PS

Surveying Manager, Northwestern Region

PROFESSIONAL EXPERIENCE

14 Years

HIGHLIGHTS OF EXPERIENCE

Mr. Frazee has a diverse range of surveying experience. He provides daily supervision of field crews and the coordination of field and office survey work. Mr. Frazee's responsibilities also include the supervision of boundary, right-of-way, topographic, as-built, and construction surveys, construction survey stakeout calculations, courthouse deed research, production of survey mapping, scheduling of field work and crew assignments, preparation of survey related reports, and survey work estimates. Mr. Frazee has provided survey services to local and state agencies, private individuals, and large commercial, energy and industrial companies.

EDUCATION

AS, Land Surveying

Glennville State College, 2001

REGISTRATIONS, LICENSES & TRAINING

Professional Surveyor

West Virginia (██████████)
(Pursuing licenses in Pennsylvania, Maryland)

MSHA Annual Certification

HIS PROJECT EXPERIENCE INCLUDES:

River Road and Route 131 Road Slide Projects, Morgantown, WV and Bridgeport, WV

As Survey Supervisor, directed field crews in the performance of cross section surveys and construction stakeout survey services. Responsible for directing office personnel in the preparation of cross section mapping, cross section volume calculations, and construction layout calculations. The projects included the replacement of roadway in embankment slide areas and the construction of new pile walls. The work was performed in conjunction with the West Virginia Department of Highways.

River View Place Project, Morgantown, WV

As Survey Supervisor, performed an ALTA / ACSM Land Title Survey. Supervised field crews and office personnel in the production of base mapping required for land development purposes. Project entailed a proposed housing complex and parking garage for an entire city block.

Wheeler Brothers Cannell Drive Subdivision, Somerset, PA

As Project Manager and Chief-of-Surveys, coordinated field and office survey functions for a 20-lot subdivision. Duties included the boundary survey, topographic survey, utility locations, lot calculation and layout, road design and alignment, and final mapping preparation.

SCI Laurel Highlands and Mostoller Landfill Green Power Project, Somerset, PA

As Chief-of-Surveys, directed field surveys on a five mile landfill gas and leachate / wastewater pipeline. The project involved an 8" HDPE landfill gas and 6" HDPE leachate/wastewater transmission line across private property and along road right-of-way lines. Responsible for the development of base mapping, creation of existing grade profiles, property line surveys for pipeline easements and right-of-ways and the production of various easement/right-of-way plats. Also, provided survey stakeout services needed for the construction of the pipeline and related structures. Directed as-built field surveys and prepared related mapping.

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

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

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Triad Engineering, Inc.

Authorized Signature: [Signature]

Date: 12/03/2015

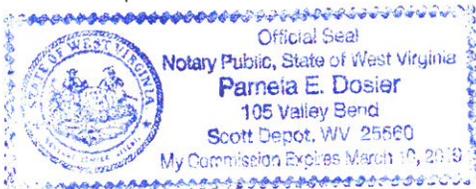
State of West Virginia

County of Putnam, to-wit:

Taken, subscribed, and sworn to before me this 03 day of December, 2015.

My Commission expires March 10, 2019.

AFFIX SEAL HERE



NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 08/01/2015)

ADDENDUM ACKNOWLEDGEMENT FORM

SOLICITATION NO.: CEOI 0310 DNR1600000012

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: N/A
(Check the box next to each addendum received)

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

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Triad Engineering, Inc.
Company


Chief Technical Officer & Regional Manager
Authorized Signature

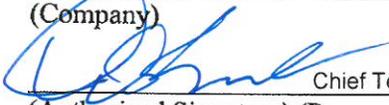
12/03/2015
Date

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

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.

Triad Engineering, Inc.
(Company)

 Chief Technical Officer & Regional Manager
(Authorized Signature) (Representative Name, Title)

304-296-2562 304-296-8739 12/03/2015
(Phone Number) (Fax Number) (Date)