



terraddon.com

P.O. Box 519
Nitro, WV 25143
Tel: 304-755-8291

P.O. Box 1635
Lewisburg, WV 24901
Tel: 304-645-4636

P.O. Box 307
Charlton Hts, WV 25040
Tel: 304-541-7655

October 26, 2016

Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

Subject: A&E Services for Winfield and Huntington Boating Facilities

To whom it may concern:

I am pleased to submit the enclosed package for the above referenced project.

TERRADON proposes the following qualifications for evaluating and rehabilitating the needs of the Winfield and Huntington Boating Facilities. The included package details qualifications, expertise, management and staffing capabilities, prior experience and references relating to the proposed project.

Upon your review of the enclosed, please do not hesitate to contact me at 304-755-8291 with any questions or concerns. I look forward to hearing from you soon.

Sincerely,

Ryan Wheeler
TERRADON Corporation

10/25/16 09:59:33
MU Purchasing Division





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

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

Proc Folder: 246212

Doc Description: A & E SVC's for Winfield & Huntington Boating Facilities

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2016-09-15	2016-10-26 13:30:00	CEOI 0310 DNR1700000002	1

BID RESPONSES LOCATION

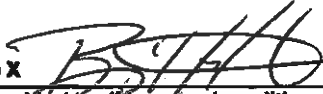
BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Name, Address and Telephone Number:

FOR INFORMATION CONTACT THE BUYER

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

Signature X 

PCN# 55-0687626

DATE 10-21-16

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

ADDITIONAL INFORMATION

Expression of Interest

The West Virginia Purchasing Division is soliciting Expression(s) of Interest for the Agency, The Division of Natural Resources WVDNR, from qualified firms to provide Architectural/Engineering and other related professional services to design and provide construction contract administration services for design of boat ramps, courtesy docks, access roads, and parking areas at sites located in the Town of Winfield and near the mouth of the Guyandotte River in Huntington, WV to as defined herein.

*Online submissions are prohibited for Expression of Interest *

OFFICE TO	SHIP TO
DIVISION OF NATURAL RESOURCES WILDLIFE RESOURCES SECTION 324 4TH AVE CHARLESTON WV25305 US	DIVISION OF NATURAL RESOURCES WILDLIFE RESOURCES SECTION 324 4TH AVE SOUTH CHARLESTON WV 25303 US

Line	Comm Ln Desc	Qty	Unit Issue
1	Professional engineering services		

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description :

A/E services necessary to design and construct boating facilities in the Town of Winfield into the Kanawha River and in the City of Huntington into the Ohio River.

DNR170000002	Document Phase Draft	Document Description A & E SVC's for Winfield & Huntington Boating Facilities	Page 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

EXPRESSION OF INTEREST
Boating Facilities Design and Construction
Town of Winfield and Mouth of Guyandotte River

TABLE OF CONTENTS:

- 1. Table of Contents**
- 2. Section One: General Information**
- 3. Section Two: Instructions to Vendors Submitting Bids**
- 4. Section Three: Project Specifications**
- 5. Section Four: Vendor Proposal, Evaluation, and Award**
- 6. Section Five: Terms and Conditions**
- 7. Certification and Signature Page**

SECTION ONE: GENERAL INFORMATION

- 1. PURPOSE:** The Acquisition and Contract Administration Section of the Purchasing Division (“Purchasing Division”) is soliciting Expression(s) of Interest (“EOI” or “Bids”) for The Division of Natural Resources (“Agency”), from qualified firms to provide architectural/engineering services (“Vendors”) as defined herein.
- 2. PROJECT:** The purpose of the project for which bids are being solicited is necessary Architectural, Engineering, and Construction Administration Services for design of boat ramps, courtesy docks, access roads, and parking areas at sites located in the Town of Winfield and near the mouth of the Guyandotte River in Huntington, WV. (“Project”).

3. SCHEDULE OF EVENTS:

Release of the EOI.....	09/15/2016
Firm’s Written Questions Submission Deadline.	10/06/16 at 9 AM. EST
Addendum Issued	TBD
Expressions of Interest Opening Date.....	10/26/2016 at 1:30 PM. EST.
Estimated Date for Interviews (wk. of?).....	TBD

EXPRESSION OF INTEREST
Boating Facilities Design and Construction
Town of Winfield and Mouth of Guyandotte River

SECTION TWO: INSTRUCTIONS TO VENDORS SUBMITTING BIDS

Instructions begin on the next page.

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. REVIEW DOCUMENTS THOROUGHLY: The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

2. MANDATORY TERMS: The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. PREBID MEETING: The item identified below shall apply to this Solicitation.

A pre-bid meeting will not be held prior to bid opening

A NON-MANDATORY PRE-BID meeting will be held at the following place and time:

A MANDATORY PRE-BID meeting will be held at the following place and time:

All Vendors submitting a bid must attend the mandatory pre-bid meeting. Failure to attend the mandatory pre-bid meeting shall result in disqualification of the Vendor's bid. No one person attending the pre-bid meeting may represent more than one Vendor.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. The State will not accept any other form of proof or documentation to verify attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing.

Additionally, the person attending the pre-bid meeting should include the Vendor's E-Mail address, phone number, and Fax number on the attendance sheet. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

All Vendors should arrive prior to the starting time for the pre-bid. Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in, but are charged with knowing all matters discussed at the pre-bid.

Questions submitted at least five business days prior to a scheduled pre-bid will be discussed at the pre-bid meeting if possible. Any discussions or answers to questions at the pre-bid meeting are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. VENDOR QUESTION DEADLINE: Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions must be submitted on or before the date listed below and to the address listed below in order to be considered. A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are nonbinding.

Submitted e-mails should have solicitation number in the subject line.

Question Submission Deadline: 10/06/2016 at 9:00 AM. EST.

Submit Questions to: Guy Nisbet
 2019 Washington Street, East
 Charleston, WV 25305
 Fax: (304) 558-4115 (Vendors should not use this fax number for bid submission)
 Email: Guy.L.Nisbet@WV.Gov

5. VERBAL COMMUNICATION: Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

6. BID SUBMISSION: All bids must be submitted electronically through wvOASIS or signed and delivered by the Vendor to the Purchasing Division at the address listed below on or before the date and time of the bid opening. Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via e-mail. Acceptable delivery methods include electronic submission via wvOASIS, hand delivery, delivery by courier, or facsimile.

The bid delivery address is:
 Department of Administration, Purchasing Division
 2019 Washington Street East
 Charleston, WV 25305-0130

A bid that is not submitted electronically through wvOASIS should contain the information listed below on the face of the envelope or the bid may be rejected by the Purchasing Division.:

SEALED BID:
 BUYER:
 SOLICITATION NO.:
 BID OPENING DATE:
 BID OPENING TIME:
 FAX NUMBER:

The Purchasing Division may prohibit the submission of bids electronically through wvOASIS at its sole discretion. Such a prohibition will be contained and communicated in the wvOASIS system resulting in the Vendor's inability to submit bids through wvOASIS. Submission of a response to an Expression or Interest or Request for Proposal is not permitted in wvOASIS.

For Request For Proposal ("RFP") Responses Only: In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal plus N/A convenience copies of each to the Purchasing Division at the address shown above. Additionally, the Vendor should identify the bid type as either a technical or cost proposal on the face of each bid envelope submitted in response to a request for proposal as follows:

BID TYPE: (This only applies to CRFP)

- Technical
 Cost

7. BID OPENING: Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by wvOASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery).

Bid Opening Date and Time: 10/26/2016 at 1:30 PM. EST.

Bid Opening Location: Department of Administration, Purchasing Division
 2019 Washington Street East
 Charleston, WV 25305-0130

8. ADDENDUM ACKNOWLEDGEMENT: Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

9. BID FORMATTING: Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

10. ALTERNATES: Any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.

11. EXCEPTIONS AND CLARIFICATIONS: The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

12. COMMUNICATION LIMITATIONS: In accordance with West Virginia Code of State Rules §148-1-6.6, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

13. REGISTRATION: Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.

14. UNIT PRICE: Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.

15. PREFERENCE: Vendor Preference may only be granted upon written request and only in accordance with the West Virginia Code § 5A-3-37 and the West Virginia Code of State Rules. A Vendor Preference Certificate form has been attached hereto to allow Vendor to apply for the preference. Vendor's failure to submit the Vendor Preference Certificate form with its bid will result in denial of Vendor Preference. Vendor Preference does not apply to construction projects.

16. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES: For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

17. WAIVER OF MINOR IRREGULARITIES: The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.6.

18. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in wvOASIS can be accessed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately opened and/or viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires, and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening if those documents are required with the bid.

19. NON-RESPONSIBLE: The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1-5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform, or lacks the integrity and reliability to assure good-faith performance.”

20. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.5. and § 148-1-6.4.b.”

21. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor’s entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled “confidential,” “proprietary,” “trade secret,” “private,” or labeled with any other claim against public disclosure of the documents, to include any “trade secrets” as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

EXPRESSION OF INTEREST
Boating Facilities Design and Construction
Town of Winfield and Mouth of Guyandotte River

SECTION THREE: PROJECT SPECIFICATIONS

1. **Location:** Agency is located at 324 4th Ave, South Charleston, WV and the proposed Project will be completed at the end of Garfield Street in Winfield, WV and at the end of Buffington Street in Huntington, WV.
2. **Background:** The Division of Natural Resources develops Public Access Sites for fishing and boating on West Virginia Rivers and lakes. There is currently no public access site in the City of Winfield. The current ramp in Huntington launches into the mouth of the Guyandotte River and its usability is diminished due to silt deposition. The successful vendor will be responsible for designing modern ADA compliant boat ramps, courtesy docks, and paved parking areas for both launching areas.
3. **Qualifications and Experience:** Vendors should provide information regarding its employees, such as staff qualifications and experience in completing similar projects; references; copies of any staff certifications or degrees applicable to this project; proposed staffing plan; descriptions of past projects completed entailing the location of the project, project manager name and contact information, type of project, and what the project goals and objectives where and how they were met.
 - 3.1 In addition to the above, the Vendor should provide information regarding the following:
 - a. The successful firm or team should demonstrate a clear procedure for communication with the owner during all phases of the project.
 - b. The successful firm or team should demonstrate a history of projects that met the owner's budget and a clear plan to ensure this project can be constructed within the project budget. This plan should be described in detail.
 - c. The successful firm or team should demonstrate a history of projects that have been constructed in the time allotted in the contract documents and a clear plan to ensure this project will be constructed within the agreed construction period. This plan should be described in detail.

EXPRESSION OF INTEREST
Boating Facilities Design and Construction
Town of Winfield and Mouth of Guyandotte River

- d. The successful firm or team should demonstrate competent and acceptable experience in all expected professional disciplines necessary for the design and completion of the project.

4. Project and Goals: The project goals and objectives are:

Goal/Objective 1: Provide all necessary Architectural, Engineering, and Permitting Services for the design and construction of the Project.

Goal/Objective 2: Provide all necessary services to design the Project in a manner that is consistent with the Division of Natural Resources needs, objectives, current code, and budget and that complements the design and layout of the associated areas.

Goal/Objective 3: Prepare bidding packages in accordance with the procedures of the West Virginia Purchasing Division of the Administration Section.

Goal/Objective 4: Provide Construction Contract Administration Services that ensure that each task is constructed and functions as designed.

- 5. Oral Presentations (Agency Option):** The Agency has the option of requiring oral presentations of all Vendors participating in the EOI process. If this option is exercised, it would be listed in the Schedule of Events (Section 1.3) of this EOI. During oral presentations, Vendors may not alter or add to their submitted proposal, but only clarify information. A description of the materials and information to be presented is provided below:

5.1. Materials and Information Required at Oral Presentation:

The Vendor must be prepared to discuss and clarify required items submitted with the EOI as indicated in Section 3.

Vendor shall provide examples, either electronically or in handout form, of previous projects of a similar nature.

Vendor shall provide cost estimates of said projects vs actual costs incurred.

EXPRESSION OF INTEREST
Boating Facilities Design and Construction
Town of Winfield and Mouth of Guyandotte River

SECTION FOUR: VENDOR PROPOSAL, EVALUATION, & AWARD

1. **Economy of Preparation:** EOI's should be prepared simply and economically, providing a straightforward, concise description of firm's abilities to satisfy the requirements and goals and objectives of the EOI. Emphasis should be placed on completeness and clarity of content. The response sections should be labeled for ease of evaluation.
2. **BIDS MUST NOT CONTAIN PRICE QUOTATIONS:** The State shall select the best value solution according to §5G-1-3 of the West Virginia State Code. In accordance with the Code requirements, no "price" or "fee" information is requested or permitted in the bid response.
3. **Evaluation and Award Process:** Expressions of Interest for projects estimated to cost \$250,000 or more will be evaluated and awarded in accordance with West Virginia Code §5G-1-3. That Code section requires the following:
 - 3.1. **Required Elements of EOI Response:** The director of purchasing shall encourage such firms engaged in the lawful practice of the profession to submit an expression of interest, which shall include a statement of qualifications, and performance data and may include anticipated concepts and proposed methods of approach to the project.
 - 3.2. **Public Advertisement:** All EOI requests shall be announced by public notice published as a Class II legal advertisement in compliance with the provisions of West Virginia Code §59-3-1 et seq.
 - 3.3. **Selection Committee Evaluation & Negotiation:** A committee comprised of three to five representatives of the agency initiating the request shall:
 - 3.3.1. Evaluate the statements of qualifications and performance data and other material submitted by the interested firms and select three firms which in their opinion are the best qualified to perform the desired service.
 - 3.3.2. Conduct interviews with each firm selected and the conduct discussions regarding anticipated concepts and the proposed methods of approach to the assignment.

EXPRESSION OF INTEREST
Boating Facilities Design and Construction
Town of Winfield and Mouth of Guyandotte River

- 3.3.3.** Rank in order of preference no less than three professional firms deemed to be the most highly qualified to provide the services required, and shall commence scope of service and price negotiations with the highest qualified professional firm.
- 3.3.4.** Should the agency be unable to negotiate a satisfactory contract with the professional firm considered to be the most qualified, at a fee determined to be fair and reasonable, price negotiations with the firm of second choice shall commence. Failing accord with the second most qualified professional firm, the committee shall undertake price negotiations with the third most qualified professional firm.
- 3.3.5.** Should the agency be unable to negotiate a satisfactory contract with any of the selected professional firms, it shall select additional professional firms in order of their competence and qualifications and it shall continue negotiations in accordance with this section until an agreement is reached.
- 3.4. Vendor Ranking:** All evaluation criteria is defined in the Procurement Specifications section and based on a 100 point total score. Points shall be assigned based upon the Vendor's response to the evaluation criteria as follows:
- | | |
|---|---------------------------|
| • Qualifications and experience | 40 Points Possible |
| • Approach and methodology for meeting Goals and Objectives | 40 Points Possible |
| • Oral Interview | <u>20 Points Possible</u> |
| Total | 100 Points |

EXPRESSION OF INTEREST
Boating Facilities Design and Construction
Town of Winfield and Mouth of Guyandotte River

SECTION FIVE: TERMS AND CONDITIONS

Terms and conditions begin on the next page.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of a Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

Term Contract

Initial Contract Term: This Contract becomes effective on _____
award and extends for a period of one (1) year(s).

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Renewal of this Contract is limited to three (3) successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed thirty-six (36) months in total. Automatic renewal of this Contract is prohibited. Notwithstanding the foregoing, Purchasing Division approval is not required on agency delegated or exempt purchases. Attorney General approval may be required for vendor terms and conditions.

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

Fixed Period Contract: This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

Fixed Period Contract with Renewals: This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within _____ days.

Upon completion, the vendor agrees that maintenance, monitoring, or warranty services will be provided for one year thereafter with an additional _____ successive one year renewal periods or multiple renewal periods of less than one year provided that the multiple renewal periods do not exceed _____ months in total. Automatic renewal of this Contract is prohibited.

One Time Purchase: The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

Other: See attached.

4. NOTICE TO PROCEED: Vendor shall begin performance of this Contract immediately upon receiving notice to proceed unless otherwise instructed by the Agency. Unless otherwise specified, the fully executed Award Document will be considered notice to proceed.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

Open End Contract: Quantities listed in this Solicitation are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

Service: The scope of the service to be provided will be more clearly defined in the specifications included herewith.

Combined Service and Goods: The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

One Time Purchase: This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

6. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute a breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One Time Purchase contract.

7. REQUIRED DOCUMENTS: All of the items checked below must be provided to the Purchasing Division by the Vendor as specified below.

BID BOND (Construction Only): Pursuant to the requirements contained in W. Va. Code § 5-22-1(c), All Vendors submitting a bid on a construction project shall furnish a valid bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.

PERFORMANCE BOND: The apparent successful Vendor shall provide a performance bond in the amount of _____. The performance bond must be received by the Purchasing Division prior to Contract award. On construction contracts, the performance bond must be 100% of the Contract value.

LABOR/MATERIAL PAYMENT BOND: The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be delivered to the Purchasing Division prior to Contract award.

In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable.

MAINTENANCE BOND: The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.

INSURANCE: The apparent successful Vendor shall furnish proof of the following insurance prior to Contract award and shall list the state as a certificate holder:

Commercial General Liability Insurance: In the amount of \$1,000,000.00
\$2,000,000.00 aggregate or more.

Builders Risk Insurance: In an amount equal to 100% of the amount of the Contract.

As defined in the AIA B101-2007 WV Supplementary Conditions, Article 2 dated 06/01/2009.

Automobile Liability: \$1,000,000.00 combined single limit

WV Workers Compensation: WV Statutory requirements including W/v Code 23-4-2 (mandolidis)

Professional Liability: \$1,000,000.00 each occurrence on a claims made basis.

The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether or not that insurance requirement is listed above.

LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section entitled Licensing, of the General Terms and Conditions, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits prior to Contract award, in a form acceptable to the Purchasing Division.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications prior to Contract award regardless of whether or not that requirement is listed above.

8. WORKERS' COMPENSATION INSURANCE: The apparent successful Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

9. LITIGATION BOND: The Director reserves the right to require any Vendor that files a protest of an award to submit a litigation bond in the amount equal to one percent of the lowest bid submitted or \$5,000, whichever is greater. The entire amount of the bond shall be forfeited if the hearing officer determines that the protest was filed for frivolous or improper purpose, including but not limited to, the purpose of harassing, causing unnecessary delay, or needless expense for the Agency. All litigation bonds shall be made payable to the Purchasing Division. In lieu of a bond, the protester may submit a cashier's check or certified check payable to the Purchasing Division. Cashier's or certified checks will be deposited with and held by the State Treasurer's office. If it is determined that the protest has not been filed for frivolous or improper purpose, the bond or deposit shall be returned in its entirety.

10. LIQUIDATED DAMAGES: Vendor shall pay liquidated damages in the amount of

_____ for _____.

This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy.

11. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

12. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification.

13. PAYMENT: Payment in advance is prohibited under this Contract. Payment may only be made after the delivery and acceptance of goods or services. The Vendor shall submit invoices, in arrears.

14. PURCHASING CARD ACCEPTANCE: The State of West Virginia currently utilizes a Purchasing Card program, administered under contract by a banking institution, to process payment for goods and services. The Vendor must accept the State of West Virginia's Purchasing Card for payment of all orders under this Contract unless the box below is checked.

Vendor is not required to accept the State of West Virginia's Purchasing Card as payment for all goods and services.

15. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

16. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

17. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available.

18. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-6.1.e.

19. TIME: Time is of the essence with regard to all matters of time and performance in this Contract.

20. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code or West Virginia Code of State Rules is void and of no effect.

21. COMPLIANCE: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

22. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

23. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

24. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

25. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

26. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments. Notwithstanding the foregoing, Purchasing Division approval may or may not be required on certain agency delegated or exempt purchases.

27. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

28. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

29. BANKRUPTCY: In the event the Vendor files for bankruptcy protection, the State of West Virginia may deem this Contract null and void, and terminate this Contract without notice.

30. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/default.html>.

31. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

32. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

33. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

34. VENDOR CERTIFICATIONS: By signing its bid or entering into this Contract, Vendor certifies (1) that its bid or offer was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid or offer for the same material, supplies, equipment or services; (2) that its bid or offer is in all respects fair and without collusion or fraud; (3) that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; and (4) that it has reviewed this Solicitation in its entirety; understands the requirements, terms and conditions, and other information contained herein.

Vendor's signature on its bid or offer also affirms that neither it nor its representatives have any interest, nor shall acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency. The individual signing this bid or offer on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or offer or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

35. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

36. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

37. PURCHASING AFFIDAVIT: In accordance with West Virginia Code § 5A-3-10a, all Vendors are required to sign, notarize, and submit the Purchasing Affidavit stating that neither the Vendor nor a related party owe a debt to the State in excess of \$1,000. The affidavit must be submitted prior to award, but should be submitted with the Vendor's bid. A copy of the Purchasing Affidavit is included herewith.

38. ADDITIONAL AGENCY AND LOCAL GOVERNMENT USE: This Contract may be utilized by other agencies, spending units, and political subdivisions of the State of West Virginia; county, municipal, and other local government bodies; and school districts ("Other Government Entities"). Any extension of this Contract to the aforementioned Other Government Entities must be on the same prices, terms, and conditions as those offered and agreed to in this Contract, provided that such extension is in compliance with the applicable laws, rules, and ordinances of the Other Government Entity. If the Vendor does not wish to extend the prices, terms, and conditions of its bid and subsequent contract to the Other Government Entities, the Vendor must clearly indicate such refusal in its bid. A refusal to extend this Contract to the Other Government Entities shall not impact or influence the award of this Contract in any manner.

39. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

40. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.requisitions@wv.gov.

41. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services shall require any service provider whose employees are regularly employed on the grounds or in the buildings of the Capitol complex or who have access to sensitive or critical information to submit to a fingerprint-based state and federal background inquiry through the state repository. The service provider is responsible for any costs associated with the fingerprint-based state and federal background inquiry.

After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision. The State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check.

Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

42. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
- c. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
- d. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

43. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a "substantial labor surplus area", as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

**ADDITIONAL TERMS AND CONDITIONS
(Architectural and Engineering Contracts Only)**

1. PLAN AND DRAWING DISTRIBUTION: All plans and drawings must be completed and available for distribution at least five business days prior to a scheduled pre-bid meeting for the construction or other work related to the plans and drawings.

2. PROJECT ADDENDA REQUIREMENTS: The Architect/Engineer and/or Agency shall be required to abide by the following schedule in issuing construction project addenda. The Architect/Engineer shall prepare any addendum materials for which it is responsible, and a list of all vendors that have obtained drawings and specifications for the project. The Architect/Engineer shall then send a copy of the addendum materials and the list of vendors to the State Agency for which the contract is issued to allow the Agency to make any necessary modifications. The addendum and list shall then be forwarded to the Purchasing Division buyer by the Agency. The Purchasing Division buyer shall send the addendum to all interested vendors and, if necessary, extend the bid opening date. Any addendum should be received by the Purchasing Division at least fourteen (14) days prior to the bid opening date.

3. PRE-BID MEETING RESPONSIBILITIES: The Architect/Engineer shall be available to attend any pre-bid meeting for the construction or other work resulting from the plans, drawings, or specifications prepared by the Architect/Engineer.

4. AIA DOCUMENTS: Contracts for architectural and engineering services will be governed by the AIA document B101-2007, as amended by the Supplementary Conditions for the State of West Virginia, in addition to the terms and conditions contained herein when procured under Chapter 5G of the West Virginia Code.

5. GREEN BUILDINGS MINIMUM ENERGY STANDARDS: In accordance with West Virginia Code § 22-29-4, all new building construction projects of public agencies that have not entered the schematic design phase prior to July 1, 2012, or any building construction project receiving state grant funds and appropriations, including public schools, that have not entered the schematic design phase prior to July 1, 2012, shall be designed and constructed complying with the ICC International Energy Conservation Code, adopted by the State Fire Commission, and the ANSI/ASHRAE/IESNA Standard 90.1-2007: Provided, That if any construction project has a commitment of federal funds to pay for a portion of such project, this provision shall only apply to the extent such standards are consistent with the federal standards.

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.

(Name, Title)

(Printed Name and Title)

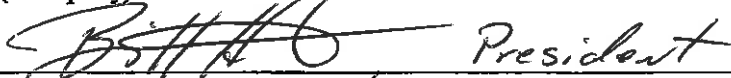
(Address)

(Phone Number) / (Fax Number)

(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I 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.

TERRADON Corporation
(Company)

 President
(Authorized Signature) (Representative Name, Title)

Bill Hunt President
(Printed Name and Title of Authorized Representative)

October 21, 2016
(Date)

(304) 755-8291 (304) 755-8274
(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)

- | | |
|---|--|
| <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.

TERRADON Corporation
Company

[Signature]
Authorized Signature

October 21, 2016
Date

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

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

DEFINITIONS:

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

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

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

Authorized Signature: [Signature] Date: October 21, 2016

State of West Virginia

County of Putnam, to-wit:

Taken, subscribed, and sworn to before me this 21 day of October, 2016

My Commission expires May 4, 2022.

AFFIX SEAL HERE

NOTARY PUBLIC Beth A. Anderson

Purchasing Affidavit (Revised 08/01/2015)



STATEMENT OF QUALIFICATIONS



Corporate Office
409 Jacobson Dr.
Poca, WV 25159

Greenbrier Valley
425 North Jefferson St.
Lewisburg, WV 24901

Fayette County
P.O. Box 307
Charlton Heights, WV 25040

A & E Services for Winfield & Huntington Boating Facilities

Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

October 26, 2016

QUALIFICATIONS	1
• Corporate Overview	
• Department Overviews	
KEY PERSONNEL	6
• Proposed Staffing Plan	
• Resumes	
• Organizational Chart	
PROJECT EXPERIENCE	20
PROJECT APPROACH	24
REFERENCES	25



TERRADON Corporation offers a multi-faceted approach to design engineering and consulting services. For more than 25 years TERRADON staff has provided a wealth of engineering solutions blanketing the Appalachian and Mid-Atlantic region with successful projects. The company built its reputation on expert personnel and quality, time-sensitive service. Those same founding principles hold true today.

The second-generation, family-owned business has built a strong reputation by providing flexible, cost effective design solutions and maintaining the highest level of customer service. The firm has been recognized through numerous awards from professional organizations and agencies including the American Society of Civil Engineers, State Highway Departments, the Department of Environmental Protection and the American Institute of Architects.

TERRADON's corporate culture promotes innovation and progressive thinking. Project leaders strive to sustain customers through a wide-range of engineering offerings. TERRADON employees understand the purpose behind their services and work to cultivate lasting relationships with clients through honest, hard work.

SERVICE OFFERINGS

- LAND PLANNING & SITE DESIGN
- CIVIL ENGINEERING
- ENVIRONMENTAL ENGINEERING
- GEOTECHNICAL ENGINEERING
- SURVEY & MAPPING
- WATER, WASTE WATER & STORM WATER
- TRANSPORTATION ENGINEERING
- STRUCTURAL ENGINEERING
- TESTING & INSPECTION



TERRADON is the largest woman-owned engineering firm in West Virginia. TERRADON is a certified Women's Business Enterprise as defined by the Women's Business Enterprise National Council and the National Women Business Owners Corporation.



Summit Bechtel Reserve, Fayette County, WV

TERRADON's Land Development department offers creative and innovative site design plans that have been brought to life throughout the region. Land Development engineers, landscape architects and CAD designers work closely with other TERRADON departments to deliver the most efficient design for each project. TERRADON's Land Development department works with public and private entities and has remained a strong presence in the commercial, educational and recreational development sectors. TERRADON's Land Development group is proud of remaining lasting relationships with its customers and prides itself on repeat clientele and referrals.

TERRADON strives to remain a leading firm in land development and site design services. The Land Development department works closely with the client from the projects beginning stages to offer a schematic design and other services for a unique project delivery.

TERRADON maintains LEED accredited professionals in the Land Development department who remain on the forefront of sustainable design initiatives that aid clients in reducing significant energy costs on projects.

IN-HOUSE SERVICES

- Site Civil Engineering
- Master Planning
- Site Feasibility Studies
- Schematic Design
- Layout Plans
- Grading Plans
- Utilities
- Storm water Management Plans
- Erosion Control Plans
- Planting Plans
- Presentation Drawings/
Renderings
- Graphic Design
- Construction Observation



TERRADON has a long history of providing design and construction survey services for numerous transportation projects. Efficient and accurate results are ensured by prioritizing the use of modern technology, including state of the art GPS and robotic total stations, with the latest design software.

TERRADON maintains full-time Professional Surveyors on staff. The firm services projects through the use of in-house field survey crews who are backed by corporate staff members, including an experienced team of CAD designers. TERRADON's transportation survey group is experienced in preparing highway right-of-way plans, including courthouse research and right of way questionnaires, and writing legal descriptions for right of way take parcels, temporary construction easements and permanent drainage easements.

SERVICES INCLUDE

- Mapping
- Construction Layout/ALTA survey
- Topographic Survey
- GPS Network Control Surveys
- Aerial & LiDAR Mapping

TERRADON's Professional Surveyors are licensed in:

- West Virginia
- Pennsylvania
- Kentucky
- Tennessee

TERRADON offers some of the most experienced staff in the region for local geotechnical expertise. This team of experts brings a distinctive, specialized understanding of the difficult soil and groundwater conditions found in the Ohio Valley and Appalachian Regions of the United States.

The Geotechnical group has provided investigations associated with earthen dams, mining, waste disposal, new building construction, landslides analysis and remedial design, cell and high mast towers, landfill permitting and cap design, flexible/rigid pavement design, and environmental remediation.

GEOTECHNICAL DESIGNS

- Complete Removal for Landslide Repair
 - Removal, Stabilization, Replacement
 - Buttressing and Regrading
 - Subsurface Drainage
 - Structural Corrections
 - Retaining Walls
 - MSE Walls and Other Gravity Walls
 - H-Piles and Lagging
 - Anchors (Rock or Soil Nailing)
- In Combination with Above if Applicable



SERVICES INCLUDE

- Test Borings
- Test Pit Excavations
- Monitoring Well and Piezometer Installation
- Soil and Rock Logging, Sampling & Testing
- Landslide Analysis and Remedial Design
- Stability Analysis
- Retaining Structure Design
- Earthen Dams
- Foundation Design
- Municipal and Industrial Landfills
- Flexible and Rigid Pavement Design
- Complete Removal for Landslide Repair
- Removal, Stabilization & Replacement
- Buttressing and Regrading
- Subsurface Drainage
- Structural Corrections
- Retaining Walls
- MSE Walls and Other Gravity Walls
- H-Piles and Lagging
- Anchors (Rock or Soil Nailing)

TERRADON offers materials testing and construction monitoring services to document compliance with project design specifications and regulatory requirements. The firm provides construction monitoring for utility, highway, and commercial construction projects.

TERRADON also provides laboratory and field testing of construction materials. Engineers and technicians at TERRADON are West Virginia Department of Highways certified in Portland Cement Concrete, Hot-mixed Asphalt, Compaction and Aggregates.

SPECIALTY TESTING & INSPECTION

- Floor Flatness Testing
- Fireproofing
- Masonry Testing
- Structural Steel Inspection Certified
- Welding Inspection
- Dye Penetrant Testing
- Bolt Testing
- Project Safety Monitoring
- FAA Eastern Regional Laboratories List



MATERIALS TESTING & INSPECTION

- Slump of Portland Cement Concrete (AASHTO-T119)
- Air Content of Freshly Mixed Concrete (AASHTO-T196 and T152)
- Unit Weight and Yield (AASHTO-T121)
- Making and Curing of Concrete Test Specimens (AASHTO-T23)
- Compressive Strength of Concrete Specimens (AASHTO-T22)
- Fine and Course Aggregate Gradations (AASHTO-T11 and T27)
- Specific Gravity of Aggregates (AASHTO-T84 and T85)
- Atterberg Limits (AASHTO-T89 and T90)
- Moisture Content of Soil (ASTM-D2216)
- Nuclear Compaction Testing of Soil, Stone, and Hot Mixed Asphalt
- Preparation of Certification Forms and Construction Reports
- Welder Certification

CONSTRUCTION MONITORING

- Document compliance with project design specifications
- Ensures compliance with regulatory requirements
- OSHA 10-Hour and 30-Hour Construction Safety & Health Certified

TERRADON offers a professional and experienced staff to perform the tasks required for this project. TERRADON maintains the following West Virginia Registered Professional Engineers on staff.

WV Registered Professional Engineers:

- Will Thornton, PE, PS
- Joe Saunders, PE
- V. Grant Martin, PE
- Robert Simmons, PE
- Ed Turner, PE
- Jim Nagy, PE
- John James, PE
- Mike Pyles, PE
- Ashley Lioi, PE
- Lee Hale, PE
- Phil Reed, PE, LEED AP
- Kristen McClung, PE

TERRADON maintains testing and inspection staff in all three of its West Virginia offices. Staff are certified through the DOH Technician Certification Board.

Inspectors:

- Phil Reed, PE, LEED AP, Level V
- Shannon Stephens, Level III
- Dave Wallace, Level III
- Chris Morris, Level III
- Greg Harvey, Level III
- Mike Ward, Level I
- Joseph Farren, Jr., Level I
- Corey Payne
- Stephanie Wills
- Adam Underwood

Environmental Professionals:

- Bill Hunt, PG, LRS
- Sam Wilkes, MS, PWS, LRS
- Jason Asbury
- Mike Pickens
- Clayton Gue
- Nick Kevey
- Chris Hancock
- John Canterbury



PROJECT MANAGER,
POINT OF CONTACT
WILL THORNTON, PE, PS

LEAD PROJECT ENGINEER
JIM NAGY, PE

SCHEMATIC LAYOUT & DESIGN
GREG FOX, ASLA,
LEED AP
PETE WILLIAMS,
ASLA
SHAWN GRAY, ASLA

JOHN JAMES, PE
ED TURNER, PE
MARK CLUTTER
GEOTECHNICAL

SURVEY
ROBERT THAW, PS
DAVE BROWN, PS
ROBERT FULLER, PS

MIKE PYLES, PE
KRISTEN MCCLUNG, PE
JOE SAUNDERS, PE
ROBERT SIMMONS, PE
BILL GERENCIR
CIVIL

STAFFING PLAN — ORGANIZATION CHART





WILLIAM S. THORNTON
VP CIVIL ENGINEERING, PROJECT MANAGER

Thornton is an experienced project manager and design engineer for civil engineering design projects. Thornton has more than 15 years of experience with consulting engineering in West Virginia, and three years with a construction firm performing major concrete paving projects in West Virginia, Pennsylvania and Ohio. Thornton also provided consultant review for the WVDOT, Division of Highways.

The major design projects with which he has been involved included roadway design, drainage design, site design, mine land reclamation, permitting, property surveys, airport design, Right-of-Way Services, maintenance of traffic and construction administration and oversight. He provides analysis and design on the construction and rehabilitation of a variety of infrastructure utilities (water, wastewater and storm water), including streets, drainage, sidewalks, buildings, and traffic and other safety improvements.

RELEVANT PROJECT EXPERIENCE

Hammer Strait Bridge, Pendleton County, WV, 2015-2016. Bridge Replacement over Trout Run in Pendleton County, WV.

District 2 Slides, Statewide, 2016.

Project Manager for the development of construction plans for 10 separate slide projects caused by April 2015 flooding events.

Waterloo Bridge, Mason County, WV, 2015-2016.

Bridge replacement and related design tasks for replacement of a bridge over Thirteen Mile Creek in Mason County, WV.

I-77 North Camden Interchange to Staunton Avenue Interchange-Wood County, WV, 2005. Design included replacement and widening of interstate bridge over the Little Kanawha River and the replacement and widening of the bridge over Staunton Avenue. The roadway work includes widening of I-77 to eight lanes from Camden Avenue to Staunton Avenue.

Corridor H Section 7—Forman to Moorefield, Grant County, WV, 2003.

Design and management included five miles of new mainline four-lane highway, several side road connectors, truck brake check area, truck escape ramp, and a wetland overlook area including more than 8 Million cubic yards of earthwork.

I-79 Bridgeport to Meadowbrook- Harrison County, WV, 2004. Included the widening of I-79 from two lanes North Bound and South Bound to four lanes North Bound and South Bound from Bridgeport to Meadowbrook Road including two sets of bridges.

Corridor H Davis to Bismark, Section 01 - Tucker County, WV, 2002.

Included design and management for upgrade of approximately two miles of WV 93 between Davis and Bismarck to a four-lane highway.

ODOT-Ashtabula Grade Separation, OH, 2002. Design and management of a grade separation over two sets of railroad tracks with related approaches and utility relocation.

EDUCATION

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

**WORK
EXPERIENCE**

TERRADON
Corporation
2014-Present

Balance Consulting
2009-2014

WV DOH
2000-2014

Stantec
2007-2009

DLZ
2004-2007

EL Robinson
1999-2004

REGISTRATION

Professional
Engineer:
WV, OH, VA, NC,
KY, NV
Professional
Surveyor: WV

CERTIFICATIONS

WVDOH Portland
Cement Concrete
Technician

WVDOT Asphalt
Pavement
Technician



JIM NAGY, PE
LEAD PROFESSIONAL ENGINEER

As a Senior Engineer at TERRADON, Jim Nagy's primary focus is on designing civil engineering projects for public and private development projects throughout West Virginia. Nagy specializes in the design of water distribution systems as well as sewage collection systems. Nagy offers decades of hands-on experience and has previously provided design engineering services for schools, commercial developments, residential developments, public utilities and more. He earned a B.S. in Civil Engineering from West Virginia University and is a Professional Engineer in the State of West Virginia.

EDUCATION

B.A. Civil Engineering
West Virginia University

WORK EXPERIENCE

- TERRADON Corporation
2007-Present
- WV American Water
1991-2007
- AWW SC
1984-1991
- WV DNR
1982-1984
1976-1977
- VTN, Inc. Consulting Engineers
1978-1982
- J.H. Milan Consulting Engineers
1977-1978
- WV Department of Highways
1975-1976

REGISTRATION

Professional Engineer, WV

RELEVANT PROJECT EXPERIENCE

SPCC Planning - updated SPCCs for All Crane & Equipment Rental and Spirit Services, Inc.

School Projects - Responsible for layout, design, and permitting of water and sewer lines for numerous school projects in WV. Projects entailed coordination with PSDs, municipal water and sewer departments, State and Federal regulatory agencies for design of facilities. Schools include: Blue Ridge Community and Technical College, Blue Ridge K-12, Burnsville Elementary, Flatwoods Elementary, Davis Elementary, Sutton Elementary, Little Birch Elementary, Frametown Elementary, Buffalo High School, Clay-Battelle High School, Confidence Elementary, Jefferson Elementary, East Hardy High School, Eastwood Elementary, Flinn Elementary, Geary Elementary, Gilbert High School, Greenbrier West high School, Hampshire High School, Harpers Ferry High School and 19 additional schools.

Commercial Developments - Responsible for layout, design, and permitting of water and sewer lines for numerous commercial developments in WV. Projects entailed coordination with PSDs, municipal water and sewer departments, State and Federal regulatory agencies for design of facilities. Developments include: Fairmont Federal Credit Union, Allegheny Energy Union (Fairmont), First Ward (Clendenin) Apartments, Milton Crossing, Tri-State Hotel and multiple convenience store sites throughout WV.

Charleston Replacement Housing - Utility design, primarily water, sewer and stormwater, and coordination of overall site activities with the project developer for multi-unit housing development. Each phase entailed the design and layout of several hundred feet of water, sewer and stormwater line, including multiple connections with the utility providers, i.e., the Charleston Sanitary Board and West Virginia American Water, and applicable permit applications. Also responsible for construction monitoring and provision of as-built drawings as required by the respective utility providers.

Cathcart – Devonshire Development, Scott Depot, WV - Designed sanitary sewer and water distribution system to serve more than 900 housing units in this private development.

Washington Woods Subdivision, Ravenswood, WV - Designed more than 9,000 feet of water and sewer line and a 500 gpm fire pump water booster station to serve a 150 lot subdivision.



GREG FOX, ASLA, LEED AP
VP LAND DEVELOPMENT DEPARTMENT

EDUCATION

B.A. Landscape
Architecture
West Virginia
University

B.A. Geography &
Planning
West Virginia
University

**WORK
EXPERIENCE**

TERRADON
Corporation
2000-Present

Martin Boal Anthony
& Johnson
Architects
1996-2000

Site Design
1993-1996

EG&G Inc.
1989-1993

PSC Engineers
1988-1989

Greg Fox oversees TERRADON's Land Development Sector. Fox has been responsible for hundreds of notable commercial, educational and recreational site development projects during his 25+-year career. During his time as Land Development Department Head, TERRADON has earned Engineering Excellence Awards from the West Virginia Association of Consulting Engineers, numerous Merit Awards from the American Society of Landscape Architects, and the Gold Award from the American Council of Engineering Companies.

RELEVANT PROJECT EXPERIENCE

The Bechtel Summit National Scouting Reserve Provide Site Design for the 10,600+ acre site in Fayette County, WV. Responsible for site grading, construction drawings, NPDES design and coordination for all project sub-consultants for NPDES permitting with WVDEP.

Greater Greenbrier Sports Complex Provided Master Planning and Grading Design Services for the Greater Greenbrier Sports Complex located north of Lewisburg, WV. Five phases include: Master Planning, Grading Study, Full Construction Documents, Utility Layout, Road Design, Erosion and Sediment Control.

Advanced Technology Centers Provided site grading, erosion and sediment control and utility design for two West Virginia Higher Education Policy commission Advanced Technology Centers located in Fairmont, WV and South Charleston, WV.

K-12 Educational Facilities Responsible for Master Planning, Site Layout and Design, Schematic Renderings, Parcel Identification, Feasibility and Cost Analysis, and construction drawings for hundreds of k-12 educational facilities throughout West Virginia. Projects include new construction as well as renovations and additions.

Fairmont State University Responsible for Master Planning and Design of inner campus, including design of seating fountain, drainage features and landscaping.

Marshall University Responsible for Site Design, Utility Design, Grading and Drainage for Applied Sciences Building, Student Housing, Wellness Center and Parking Garage. Provided ADA compliancy on campus buildings and site design for existing soccer field.

Greenbrier Valley Medical Center Responsible for master planning through site/civil construction documents for the Greenbrier Valley Medical Center in Lewisburg, WV.

Tazewell Community Hospital Responsible for master planning through site/civil construction documents for the East Addition of the Tazewell Community Hospital in Tazewell, Virginia.

Thomas Memorial Hospital Responsible for site/civil construction documents for Thomas Memorial Hospital in South Charleston, WV.

PETER J. WILLIAMS, ASLA
LANDSCAPE ARCHITECT



"Pete" Williams is a graduate of West Virginia University with a Bachelor of Science in Landscape Architecture. His responsibilities include landscape architectural design, grading and storm water drainage design, the design of pedestrian circulation systems and related amenities, roadway design, site planning, and quality control. Mr. Williams is registered as a professional Landscape Architect in West Virginia with more than 15 years of experience at TERRADON and more than 24 years of overall experience.

EDUCATION

B.A. Landscape
Architecture

West Virginia
University

**WORK
EXPERIENCE**

TERRADON
Corporation

2000-Present

Chapman Technical
Group

1992-2000

AFFILIATIONS

American Society of
Landscape
Architects

West Virginia
Chapter of
American Society of
Landscape
Architects

RELEVANT PROJECT EXPERIENCE

Fire Stations, Medical, First Responder, Public Facilities Yeager
Airport Fire/Crash/Rescue Station Fairmont Public Safety Building & Fire
Safety Station South Charleston Fire Station Greenbrier Valley Medical
Center A New Marshall County Public Safety Annex

Higher Education Marshall University Student Recreation Center
Marshall University Student Housing Fairmont State Inner Campus
Design

K-12 Schools, Athletic Fields and Other Facilities

New Marsh Fork Elementary School

New Shady Spring Middle School

Hurricane High School Sports Fields, Additions & Renovations

Lakeside Elementary School Additions & Renovations

Eastwood Elementary School Additions & Renovations

Flinn Elementary School Additions & Renovations

Musselman High School Additions & Renovations

Martinsburg North Middle School Additions & Renovations

New Gerrardstown Middle School

Jefferson Elementary School Additions & Renovations

New Blue Ridge Primary School Winfield Elementary School Additions &
Renovations

New Buffalo High School A New Confidence Elementary School

Greenbrier West High School Additions & Renovations

New Lewisburg Elementary School

New Rainelle Elementary School

Eastern Greenbrier Junior High School Additions & Renovations

Mason Dixon Elementary School Additions & Renovations

SHAWN GRAY, ASLA

LANDSCAPE ARCHITECT



EDUCATION

B.A. Landscape
Architecture

West Virginia
University

WORK EXPERIENCE

TERRADON
Corporation

2005-Present

Shawn Gray is an experienced Site Designer and Land Planner who serves as an integral part of the TERRADON design team. He offers experience on many of TERRADON's highest profile projects, focusing on large scale site development and parks and recreation projects.

Gray also provides site design and landscape architecture services for K-12 and Higher Education projects. He is responsible for developing site, grading, landscape and utility plans, site detailing and erosion sediment control plans and permitting.

RELEVANT PROJECT EXPERIENCE

Greater Greenbrier Sports Complex Master Plan Currently providing 5-Phased, Master Planning and Grading Design Services for the Greater Greenbrier Sports Complex located north of Lewisburg, WV.

Valley Park Master Planning & Expansion Served as a Site Designer for the expanding Valley Park in Hurricane, WV. The project included planning for athletic fields, multiple parking lots, access roads and greenspace, but also incorporated a walking trail that ties into existing park trails. The plan was produced in coordination with the WVDOT to determine roadway/walkway ingress/egress and designed in accordance with local, state and federal regulations.

Volcano Island Master Planning Provided land planning and design engineering, utility location and mapping services for the properties. The master planning provided vision for Volcano Island Water Park, allowing the City of Fairmont efficient and value-based use of the former environmentally concerned site.

Scott-Teays, Sheetz Provided site design services for Sheetz Service Centers at Scott Depot and Green Acres, WV. The projects consisted of site layout and design, utility design, hardscapes and landscape architecture.

Pioneer Federal Credit Union Provided site design services for Pioneer Federal Credit Union in Hurricane, WV.

The Bechtel Summit National Scouting Reserve Provided Initial Site Selection/Conceptual modeling designs, site planning/grading and Erosion and Sediment Control services for the 12,000+ acre site in Fayette County, WV.

Palatine Park Master Planning Provided master Planning Services for the City of Fairmont for the redevelopment of Palatine Park on the east side of the Monongahela River adjacent to downtown Fairmont, WV. The Master Plan featured new parking areas, walking trails, a vista overlook, a picnic gazebo and retail space.

Westmoreland Trail System Master Planning Provided site design services for a trail connector designed on the top of an earthen flood levy to move through urban areas.

Harveytown Park & Connector Master Planning Provided 3-Phase Master Planning for a heavily used section of trail.

Southridge Center Master Site Planning Provided master planning and site



ROBERT THAW, PS
VP SURVEY DEPARTMENT

With more than 30 years of experience in a wide range of surveying projects, Robert Thaw serves as head of TERRADON's Survey and Mapping department. He organizes and supervises survey crews, reviews project plans, and creates base mapping for various projects including noise barriers, interchanges, connectors, bypasses, sidewalks, bike paths, and bridges. Thaw oversees all TERRADON survey activities, including: preparation of Right-Of-Way plans; the development of GPS static networks for aerial mapping in the design of roadways; identification of existing utilities and property lines; base image development and control placement for construction projects; and drafting of legal descriptions for ROW parcels.

RELEVANT PROJECT EXPERIENCE

Laurel Fork Campground Bridge TERRADON provided surveying and design engineering on a USDA Forest Service project in Randolph County, West Virginia. Surveyors led by Thaw provided Right-Of-Way services, including courthouse research, construction easements, and location of alignments. Additionally, provided topographic mapping, project control for construction, hydraulic cross sections, and stream profiles.

Sedalia Arch Bridge Thaw oversaw survey services for the replacement of an existing concrete arch bridge with a 72' single span bridge. The bridge consisted of adjacent concrete pre-stressed box beams with a cast-in-place concrete deck. Survey services consisted of a topographic survey, ROW plans, construction control, and legal description creation. Roadway design consisted of new bridge approaches and a designed detour. Drainage, maintenance of traffic, and right-of-way plans were included in the scope of work.

Sleeth's Run Bridge Thaw provided Right-Of-Way services during the design for the replacement of an existing truss bridge in Lewis County, WV. The project included the design of a new 200' structure and approaches. Survey services consisted of a topographic survey, ROW plans, construction control, and legal description creation.

Grade Road Thaw oversaw Right-Of-Way services for the new construction of two lanes adjacent to an existing two-lane roadway. Right-Of-Way services included Right-Of-Way Plans, legal descriptions, and questionnaires for take parcels.

St. Mary's Bypass Working for the WVDOT, Thaw led transportation survey services for the relocation of WV 16 in Pleasants County, from Pleasants County Route 18 to WV 2 in Saint Mary's, West Virginia for approximately two miles of highway. The project included topographic mapping, survey control mapping, right-of-way and utility cost estimates, and inventories.

EDUCATION

A.S. Survey
Technology
West Virginia
University Institute of
Technology

**WORK
EXPERIENCE**

TERRADON
Corporation
1994-Present

Bowman Land
Surveying
1992-1994

Dunn Engineers
1990-1992

Kelley Gidley Blair &
Wolfe
1988-1990

Pierson & Whitman
Architects and
Engineers
1984-1986

REGISTRATION

Professional
Surveyor, WV



DAVE BROWN, PS
SENIOR SURVEY MANAGER

Serving as a GIS Technician and CADD Designer, Matt Glaspey is an integral part of the TERRADON design team. He offers nearly a decade of project design experience. He is responsible for developing site plans, grading plans, landscape plans, utility plans, site detailing and specifications. Prior to joining TERRADON, Glaspey was part of a design team that completed more than 40 educational site design projects in Pennsylvania, Maryland and Virginia. Glaspey is a member of the American Society of Landscape Architects.

EDUCATION

B.S. Engineering
Technology/
Surveying

West Virginia
University Institute of
Technology

**WORK
EXPERIENCE**

TERRADON
Corporation

1999-Present

Trans-Ash

1997-1999

Summit Engineering

1997

USGS

1996-1997

REGISTRATIONS

Professional
Surveyor, WV, TN

RELEVANT PROJECT EXPERIENCE

New Glenville Elementary School Elementary School - Provided construction documentation for a new Elementary School for the Gilmer County Board of Education. Glaspey's role in the project included CAD drawings, site layout and design, utility design, hardscapes, and landscape architecture. Working as a subconsultant to Williamson Shriver Architects, TERRADON provided the following: Survey and Mapping, Site Planning, Grading and Layout, Utility Design, Construction Drawings and Landscape Architecture. This project is LEED Silver Targeted and was funded in part by the West Virginia School Building Authority.

Boy Scout Service Center - - Provided construction documentation and project coordination for the design/build project. Responsibilities included CAD drawings, site layout and design, permitting, utility design, hardscapes and landscape architecture.

Dickenson County Judicial Building, VA - Provided construction documentation and project coordination for the design/build project. Responsibilities included CAD drawings, site layout and design, permitting, utility design, hardscapes and landscape architecture.

Ronald McDonald House - Provided construction documentation and project coordination for the design/build project. Responsibilities included CAD drawings, site layout and design, permitting, utility design, hardscapes and landscape architecture.

Hampton Inn - Kinetic Park - Provided construction documentation and specifications for a new hotel at the Kinetic Park commercial development in Huntington, WV. The project included site layout and design, utility design, permitting, hardscapes and planting design.

Courtyard by Marriott - Charleston - Provided construction documentation and specifications for a new hotel in downtown Charleston, WV. The project included permitting, site layout and design, utility design, hardscapes and planting design.

Berkeley County Board of Education - Provided layout, site design, and CAD drawings for various K-12 improvements. Projects consisted of site layout, grading, utility layout, profiles, hardscapes, and landscape architecture.

Jefferson County Board of Education - Provided construction documentation for a proposed Jefferson County Bus Garage near Kearneysville, WV. Project consisted of permitting, CAD drawings, site layout, site grading, and utility layout.



JOHN JAMES, PE

LEAD GEOTECHNICAL ENGINEER

John James is a Senior Geotechnical Engineer for various dam, landslide, foundation investigation/design, transportation, environmental, site selection, and mining projects. He has over 48 years of experience practicing engineering in WV and surrounding states. James specializes in innovative and cost-saving concepts for his projects. Coupled with his hands on common sense approach to projects, he works with many of the accepted geotechnical and other engineering software applications for latest technical solutions.

He has performed geotechnical design on many major and minor highway projects, including: cut slope design, fill slope design, stability and settlement analysis, and foundation recommendations and design for many bridges, retaining walls, and high mast light towers. He has also worked as a geotechnical reviewer for several Coalfield Expressway Projects for the West Virginia Department of Transportation, Division of Highways. Major projects include: Corridor G from Chapmanville to Logan, and design-build portions of Rt. 35, Corridor H and the Coalfields Expressway.

James' project experience includes: foundation investigations and designs ranging in size from small projects to major industrial complexes; studies and designs for landfills and other environmental facilities; studies and designs for earth, earth/rockfill and concrete dams; all types of retaining wall designs, including conventional concrete walls, MSE walls, sheet piling, and H Pile and lagging, all with or without various anchoring systems; landslide analysis and remediation; roads; highways and bridges; surface and groundwater studies; storm drainage facilities; airport facilities; and forensic engineering.

RELEVANT PROJECT EXPERIENCE

Rt. 35 Design Build, Putnam and Mason Counties, WV, 2015. WVDOT. Geotechnical Engineer. Provided geotechnical design services that included fill slope stability analysis and cut slope and bench design for a 16-mile section of a four-lane highway on US Route 35 in Putnam and Mason Counties, WV.

Corridor H Design Build, Randolph County, WV, 2015. WVDOT. Geotechnical Engineer. Provided geotechnical design services that included fill stability analysis and cut slope design for an eight-mile section of four-lane highway for Corridor H in Randolph County, WV.

Corridor H, 2014. J.F. Allen Company. Geotechnical Engineer. Provided geotechnical design services that included fill stability analysis and cut slope design for a six-mile section of Corridor H.

Thomas Bedford Pugh Bridge, WV, 2014. Geotechnical Engineer. Provided L Pile analysis for the bridge.

Coalfields Expressway Design Build, Mingo County, WV, 2013-2014. Kanawha Stone Company. Geotechnical Engineer. Provided geotechnical design including fill stability analysis for two critical 250' to 300' high sections of a five-mile, four-lane highway project in Wyoming County, WV.

District 1 Office (Foundation Investigation), Kanawha County, WV, 2011. WVDOT. Geotechnical Engineer. Provided geotechnical foundation recommendations for office building project in District 1, including seismic analysis.

EDUCATION

B.A. Civil
Engineering
West Virginia
Institute of
Technology

WORK EXPERIENCE

TERRADON
Corporation
2004-Present

James Engineering
1983-2004

Triad Engineering
1978-1983

James Engineering
1973-1978

Ackenherl &
Associates
1968-1973

REGISTRATION

Professional
Engineer, WV

ED TURNER, PE
GEO TECHNICAL ENGINEER

EDUCATION

B.S. Civil
Engineering,

University of
Kentucky

**WORK
EXPERIENCE**

TERRADON
Corporation

2016-Present

32+ Years of Mining
and Geotechnical
Engineering for
Various Companies

REGISTRATION

Professional
Engineer:

WV, KY, WY

Ed Turner, PE joined TERRADON as a Geotechnical Engineer in 2016. He has more than 32 years experience in various engineering capacities for coal mining companies in KY, WV, VA and WY. During these years he has provide conceptual layouts and prepared requests for proposals, evaluated proposals, awarded contracts, and inspected results for mine facilities. These include Power facilities, Rail Road Spurs, office complexes, Coal Preparation plants and handling facilities, as well as large sediment ponds and Coal Slurry dams.

RELEVANT PROEJECT EXPERIENCE

- Maple Coal - Gained Selenium compliance at Maple Coal utilizing Bioreactors, mixing zones and water management. 2011-2015
- Refuse Belt preliminary plan/layout for Katie plant 2014
- Provided Preliminary plan/ layout for the Cowen Loadout on the CSX main line at Cowen WV. 2009
- Initial startup of Maple Eagle Underground mine, Sycamore Surface Mine, & Reconditioning of Katie Prep Plant near Powellton, WV 2008
- Responsible for all operations including the safe and efficient production, maintenance, preparation and loading of coal for ICG's Birch River mine. 2005-2007
- Performed contactor oversight for the upgrade of the Weatherby Preparation Plant. 2005
- Responsible for Environmental compliance for the Jupiter Complex. Inherited 30 outstanding NOV's and three show causes. Successfully gained confidence of WVDEP and regained full compliance. 2003-2005
- Managed the Samples Mine Complex in West Va. Primarily responsible for production, maintenance, preparation plant, loadout and contract mines at the Sample's Mine Complex, which was the largest surface coal mine east of the Mississippi. Major construction projects included office/warehouse building, pumping facilities, Train Loadout and railroad spur upgrades and Moccasin Hollow Refuse Impoundment. 1998- 2003
- Lead Project Engineer for the Carbon Basin reserve for Arch Coal in Carbon Co. Wyoming. Conducted N.E.P.A process to acquire federal leases for the checkerboard ownership. Successful lease sale was obtained and a team of consultants assembled to prepare the necessary permits for mining development. Provided preliminary plans, and facilities designs to the consultants including power facilities, loadout, storage barn, and 13 mile railroad spur alignment. 1996 -1998
- Provided preliminary design/layout for the Pardee Mine facilities in Wise County, Va. Including Power facilities, Prep Plant, office facilities, and Train Loadout and railroad spur. 1993
- Successfully executed the Ridgeline Mine plan to mine Arch's Coal and not impact the University of KY's Robinson Forest. 1992-1995
- Received two national reclamation awards from the Office of Surface Mining. 1994 and 1996
- Completed the reclamation of the 15,000 acre Falcon Coal Surface mine and secured bond release in 1992



MIKE PYLES, PE
PROJECT ENGINEER

Mike Pyles is a Senior Project Engineer for various civil and environmental engineering projects with emphasis on transportation, water, and sewer projects.

Pyles is responsible for engineering studies, design, contract documents, engineering analysis, computer modeling, regulatory compliance, and permitting with emphasis on public water and sewer systems.

EDUCATION

A.S. Mining Engineering Technology

West Virginia Institute of Technology

B.S. Civil Engineering

West Virginia Institute of Technology

M.S. Engineering, Marshall University

WORK EXPERIENCE

TERRADON Corporation

2009-Present

HTNB Consulting Engineers

1997-2009

Kelley Gidley, Blair & Wolfe Consulting Engineers

1986-1997

WV DNR

1978-1986

RELATED PROJECT EXPERIENCE

Fairmont Gateway Connector, Fairmont, WV– Design Engineer for the storm water system on a WVDOH project for the relocation and upgrade of WV 273 to a four-lane divided highway and a new interchange with I-79.

Corridor H – Davis to Bismarck Section 3, Tucker County, WV – Design Engineer for the revised storm water ditch design on a WVDOH project for Corridor H – Davis to Bismarck Section 3.

Corridor H—Davis to Bismarck Section 5, Tucker County, WV—Design Engineer for the revised storm water ditch design on a WVDOH project for Corridor H – Davis to Bismarck Section 5.

Huntington Mall Road, Cabell County, WV – Design Engineer for the storm water system and culverts on a WVDOH project for the upgrade of US Rt. 60, Mall Road, and Ring Road, and the new road crossing over I-64 from US Rt. 60 to Ring Road to better accommodate Mall traffic.

Culloden I/C, Cabell & Putnam Counties, WV – Design Engineer of the storm water system on a WVDOH project for the I-64 interchange and modifications of Route 60/21.

North Mineral Wells Relocated WV 14, Mineral Wells, WV– Design Engineer for the storm water system and culverts on a WVDOH four lane divided highway project for the relocation and upgrade of approximately 1.5 miles of WV 14.

Pleasant Valley I/C to WV Route 310 I/C, Marion County, Fairmont, WV – Design Engineer for the storm water system on a WVDOH project for the widening of approximately 1.5 miles of I-79 from a 4-lane road to an 8-lane road.

Harsh Sugar Camp Bridge, WV– Design Engineer for a scour analysis of the piers and abutments on a replacement bridge for a WVDOH project.

Fort Seybert Bridge, WV – Design Engineer for a scour analysis of the piers and abutments on a replacement bridge for a WVDOH project.

US Route 35 Relocation, near Buffalo, WV – Design Engineer for a scour analysis of the piers and abutments on three new bridges for a WVDOH project. Design Engineer for the storm water system and culverts on a WVDOH four lane divided highway project for the relocation and upgrade of approximately 3 miles of US 35 to a four-lane divided highway.

New River Bridge, Hinton, WV – Design Engineer for a scour analysis of the piers and abutments on an existing bridge for a WVDOH project.



JOE SAUNDERS, PE
VP TRANSPORTATION

Joe Saunders is a Professional Engineer, licensed in West Virginia, Ohio, Virginia, North Carolina, Kentucky and Nevada. Saunders offers a wealth of experience through projects performed for the West Virginia Department of Transportation and Ohio Department of Transportation and the related to engineering design and plan development for structures and roadways.

As Lead Designer for Transportation at TERRADON Corporation, Saunders is responsible for the development of construction plans for transportation, including bridge replacements and rehabilitations, roadway and highway design, right-of-way plans, and ancillary design. Additional responsibilities include preliminary design and reports, construction plans and specifications, construction estimates, contracts and bidding review, and construction engineering.

Saunders directs the highway design team at hydrology and hydraulic calculations. Saunders also works with the highway design team to schedule manpower and capacity for design projects and provides daily coordination of project tasks with clients/owners. With 18 years of experience as a designer and almost a decade of additional experience in highway and bridge construction, Saunders is experienced with all critical elements required of this contract.

Saunders has provided Project Management and design experience on numerous highway and bridge projects in Ohio, West Virginia, Indiana, Pennsylvania, and North Carolina, including recognized projects such as:

- ▽ **Hammerstrait Bridge Replacement, Pendleton County, WV**
- ▽ **Value Engineering for MLK Bridge Replacement, Mercer County, WV**
- ▽ **Catfish Man of the Woods Bridge, Cabell County, WV**
- ▽ **Corridor H PPP, Kerns US 119 Connector, Randolph and Tucker Counties, WV**
- ▽ **U.S. Route 35 PPP, Lead Designer, US 35, WV 869 TO MASON CO 40, Putnam County, WV**
- ▽ **Coalfields Expressway Design-Build, Mullens - E of Co 12/1, Wyoming County, WV**
- ▽ **Coalfields Expresssway P3/Design-Build, Mullins - E of Co 12/1 to W. Helen, Raleigh and Wyoming Counties, WV**
- ▽ **U.S. Route 35 Design and Construction Plans, Mason County, WV**
- ▽ **U.S. Route 35, Review of Shop Drawings, Mason County, WV**
- ▽ **Duhring Arch Bridge Study, Design, and Preparation of Replacement Plans, Mercer County, WV**
- ▽ **Corridor H, Davis to Bismarck, Tucker County, WV**
- ▽ **Corridor H, East of County Route 3 to Forman, Grant County, WV**
- ▽ **Star City Bridge Replacement, Monongalia County, WV**
- ▽ **US460 Over I-77, Mercer County, WV**

EDUCATION

B.S. Civil Engineering,

West Virginia Institute of Technology

WORK EXPERIENCE

TERRADON Corporation
2012-Present

ms consultants
2003-2012

Buchart Horn
1998-2003

Laborers Union
1990-1998

REGISTRATION

Professional Engineer:

WV, OH, VA, NC, KY, NV



ROBERT SIMMONS III, PE
PROJECT ENGINEER

Robert Simmons serves as a Project Engineer at TERRADON Corporation. He offers a background in structural, highway, geotechnical, and hydraulic design, as well as material testing and inspection. He has provided services on a number of projects throughout West Virginia, Virginia, Kentucky, and Ohio.

RELATED PROJECT EXPERIENCE

Bluestone Dam Phase IV, Summers County, WV.

Simmons was a Senior Design Engineer for the Bluestone Dam Phase IV Construction team. Designs have included structural cantilevered steel framing anchored to the sloped downstream face of the dam that is able to support not only the drilling operations for anchor installation, but also a 150 ton crane. The cantilevered platform extends 32' from the face of the dam, with support spacing in excess of 15'. The design required not only that each main support member was able to accommodate the full weight of the 150 ton crane and supply vehicles, but also required a detailed examination of fatigue prone members for the design service life of the project. An additional design concern was that all members below high water level had to be designed to support full loadings, along with force effects from water and debris collisions.

Catfish Man of the Woods Bridge, Cabell County, WV.

Simmons was a Senior Design Engineer for the design of the replacement of the Catfish-Man-of-the-Woods-Bridge. Tasks included assisting with the layout of the new bridge and roadway alignment, design of cantilever wing walls with up to 18 foot heights, drilled shaft foundations, semi-integral abutments, reinforced elastomeric bearings, spread pre-stressed box beams, and reinforced concrete deck. He also provided technical assistance to junior staff.

Portsmouth Bypass Design/Build, Scioto County, OH.

Simmons was a Senior Design Engineer for the design of two bridge for the proposed Portsmouth Bypass Design Build project. Tasks included assisting with the layout of new bridges, driven pile foundations, integral abutments, reinforced and un-reinforced elastomeric bearings, pre-stressed bulb "T" beams, and a 35' tall cap and column pier. He also provided technical assistance to junior staff.

Noise Wall Design, Montgomery County, OH.

Simmons was a Design Engineer assisting in the design of the drilled shaft foundations, FAA aeronautical clearance requirements, and plan review of the free standing noise wall located adjacent to I-75 near Dayton, OH.

Value Engineering for Sections 3 and 5 of Corridor "H", Tucker County, WV.

Simmons aided in the design of roadway drainage, super elevations, and vertical geometry. He also provided assistance with plan and cross section review and quantities.

EDUCATION

B.S. Civil Engineering

West Virginia Institute of Technology

WORK EXPERIENCE

TERRADON Corporation

2011-Present

Chapman Technical Group

2009-2011

HC Nutting

2007-2009

REGISTRATION

Professional Engineer, WV



Image courtesy of WV State Journal

**EMERGENCY BOAT HOUSE MARINA CONSTRUCTION
FOR HUNTINGTON POLICE AND FIRE DEPARTMENTS
HUNTINGTON, WV**

GOAL: To provide state of the art emergency responder facilities for the City of Huntington to serve the Tri-State Area along the Ohio River.

OBJECTIVE: To provide geotechnical analysis and site assessment to determine study data on appropriate location and structure of the proposed boating facility.

TERRADON performed a Phase I Site Assessment of the proposed location of the new boating facility near Harris Riverfront park in Huntington, WV to determine environmental factors for this project. TERRADON engineers and testing and inspection staff performed a hydrologic and hydraulic study of the Ohio River at the site of the project and performed the geotechnical drilling on both the land and river areas of the project to determine a geotechnical analysis for pier anchoring of the boating facility. Additional services provided to meet the project owners initial goal included topographic surveying including underground utility locations, boundary surveying, hydrographic survey of the Ohio River and a structural analysis of the proposed contractor design. TERRADON's services have allowed for a timely and budget maintained construction.

PROJECT OWNER
City of Huntington
Sharon Pell, Business
Services Advocate
304.781.8348

SERVICES PROVIDED

Site Assessment
Environmental
Geotechnical
Analysis
Survey
Structural Analysis



PRIOR EXPERIENCE

**SUMMITT BECHTEL RESERVE,
FAYETTE COUNTY, WV**

TERRADON Corporation was heavily involved in the development of the Summit. The Summit is a 10,600+ acre outdoor adventure center owned by the Boy Scouts of America.

GOAL: The owners goal was to receive design and construction for a 10,600 acre world class outdoor recreation facility.

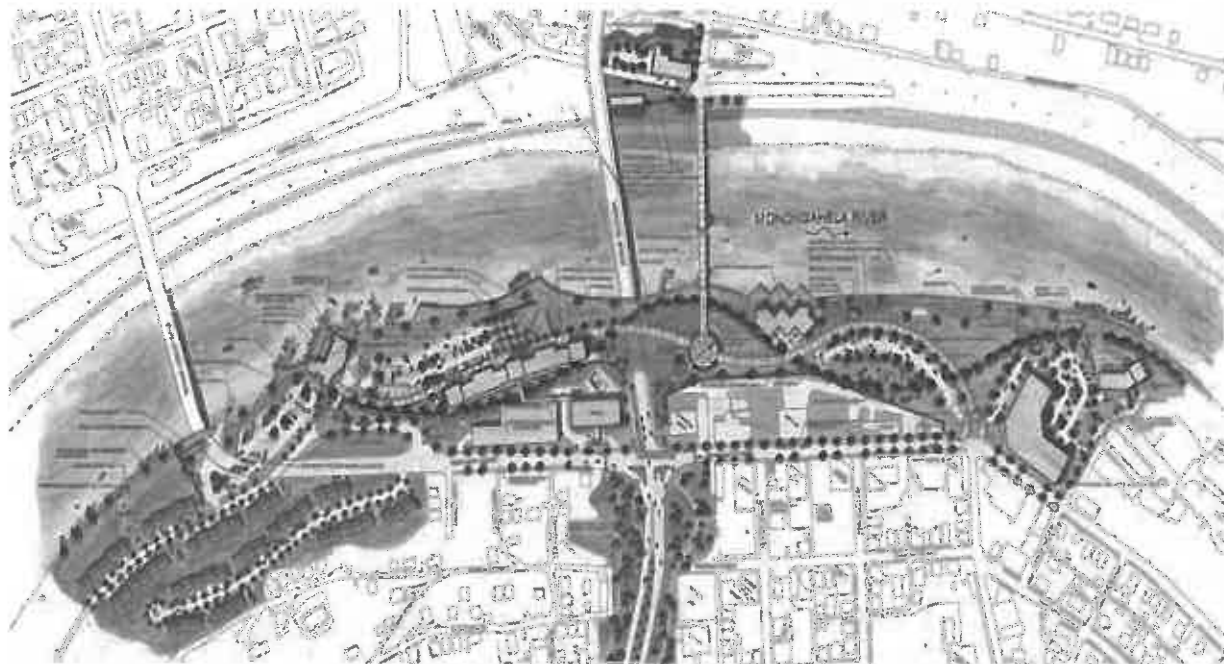
OBJECTIVE: From the initial site selection to surveying, planning, infrastructure design and inspection, TERRADON was a key player in creating one of the highest-profile design and construction endeavors in West Virginia. Working under tight specifications and time restrictions, TERRADON spearheaded the delivery of quality results.

TERRADON performed RFP development and quality assurance management on the project, utilizing in-house engineers to oversee dozens of consultants on contractors on the nearly \$500 Million project. TERRADON coordinated all permitting on site, worked with the developer to perform RFP development and provided quality assurance managers for the duration of the project.

PROJECT OWNER
Rob Ridgeway
304.469.1089

SERVICES PROVIDED
Quality Assurance
Management
RFP Development
Permitting Oversight
Design
QA/QC

TERRADON
CORPORATION



FAIRMONT RIVERFRONT MASTER PLAN
 CITY OF FAIRMONT AND THE FAIRMONT RENAISSANCE CORPORATION

FAIRMONT RIVERFRONT MASTER PLAN
 FAIRMONT, WV

GOAL: The City of Fairmont and the Fairmont Renaissance Corporation intend to develop new recreation opportunities and at the same time enhance economic development opportunities for the community. The main goal of the planning process was to develop a plan that allows for the comprehensive development and implementation of new elements to the riverfront.

OBJECTIVE: The elements planned included rehabilitation of an existing park and new recreation, commercial, and residential opportunities. This plan was designed so that the core elements of the plan will entertain people of all age groups, help with the revitalization of the surrounding neighborhood, and stimulate the entire downtown area of Fairmont.

PROJECT OWNER

Jay Rodgers
 304.366.6271

SERVICES PROVIDED

- Master Planning
- Site Feasibility Studies
- Schematic Design
- Layout Plans
- Presentation Drawings & Renderings



ADDITIONAL AQUATIC, PARKS & RECREATION EXPERIENCE

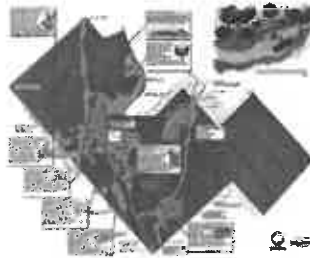
- WEST VIRGINIA UNIVERSITY INSTITUTE OF TECHNOLOGY MARINA STUDY MASTER PLAN
- TOYOTA WETLAND EDUCATION CENTER
- HARVEYTOWN PARK & CONNECTOR MASTER PLANNING
- DORSEY'S KNOB MASTER PLAN
- GRAND VUE PARK CONCEPTUAL MASTER PLAN
- UPSHUR COUNTY PARK MASTER PLAN
- BLUESTONE STATE PARK MASTER PLAN
- LITTLE BEAVER STATE PARK SITE DESIGN
- GREATER GREENBRIER SPORTS COMPLEX MASTER PLAN
- VALLEY PARK TRAIL MAP PLAN
- VALLEY PARK EXPANSION MASTER PLAN
- SUNCREST RE-DEVELOPMENT MASTER PLAN
- JOHNATHAN LARCK RESERVOIR PARK MASTER PLAN
- NITRO BOAT RAMP CONCEPTUAL PLAN



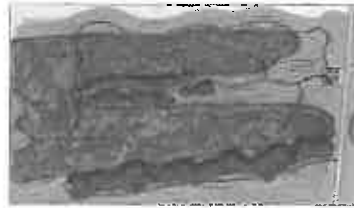
Harveytown Park
Huntington, WV



Suncrest Re-development
Fairmont, WV



Upsher County Park
Upsher County, WV



Toyota Wetland Education Center
Buffalo, WV



Johnathan Lark Reservoir Park,
Putnam County

PRIOR EXPERIENCE

TERRADON
CORPORATION

During the project kick off meeting with personnel from the WVDNR, TERRADON will determine the expectations of the owner in regards to scope of project and budget requirements.

- We will then thoroughly review all available existing construction plans, if available, to become familiar with the facility.
- TERRADON will also visit the site and perform an in depth inspection of the site and prioritize items.
- Once the detailed scope is determined, TERRADON will develop construction plans and project specifications. TERRADON will present and review the construction plans with the stakeholders.
- TERRADON will have qualified and knowledgeable personnel available during the bidding process to assist with questions, attend pre-bid meetings and assist with analyzing received bids.
- TERRADON will provide Contract Administration services during construction to ensure the project is built to satisfaction of the WVDNR.

Valley Park Expansion

Putnam County Commission
1 Valley Park Rd, Hurricane, WV 25526
Brian Donat, County Administrator
304-

Palatine Park Master Planning

City of Fairmont, WV
200 Jackson St., Fairmont, WV 26554
Jay Rogers, Former City Manager
304-366-6211

The Summit Bechtel Family National Scout Reserve

Boy Scouts of America, Summit Group
68 Crossroads Mall, Mount Hope, WV 25880
Rob Ridgeway, Facilities Director
304-469-1089
rob.Ridgeway@scouting.org

Huntington Emergency Boating Facility

City of Huntington, WV
Huntington City Hall, Main Floor, Room 15
Huntington, WV 25704
Sharon Pell, Business Services Advocate
304-781-8348