



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

Header 1

List View

General Information [Contact](#) [Default Values](#) [Discount](#) [Document Information](#) [Clarification Request](#)

Procurement Folder: 1743847

Procurement Type: Central Master Agreement

Vendor ID: 000000185474

Legal Name: TERRACON CONSULTANTS INC

Alias/DBA:

Total Bid: \$99,780.00

Response Date: 09/08/2025

Response Time: 10:04

Responded By User ID: vmervin

First Name: Vanessa

Last Name: Ervin

Email: vanessa.ervin@terracon.com

Phone: 3043440821

SO Doc Code: CRFQ

SO Dept: 0313

SO Doc ID: DEP2600000006

Published Date: 9/8/25

Close Date: 9/16/25

Close Time: 13:30

Status: Closed

Solicitation Description: LCAP GROUNDWATER MONITORING

Total of Header Attachments: 1

Total of All Attachments: 1



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

State of West Virginia
Solicitation Response

Proc Folder: 1743847
Solicitation Description: LCAP GROUNDWATER MONITORING
Proc Type: Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2025-09-16 13:30	SR 0313 ESR09082500000001692	1

VENDOR
000000185474
TERRACON CONSULTANTS INC

Solicitation Number: CRFQ 0313 DEP2600000006
Total Bid: 99780
Response Date: 2025-09-08
Response Time: 10:04:01
Comments:

FOR INFORMATION CONTACT THE BUYER
Joseph (Josh) E Hager III
(304) 558-2306
joseph.e.hageriii@wv.gov

Vendor		
Signature X	FEIN#	DATE

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Field Services - East Region Landfill	97.00000	EA	210.000000	20370.00

Comm Code	Manufacturer	Specification	Model #
71122800			

Commodity Line Comments:

Extended Description:

Twice per year, all labor, equipment, materials, transportation, and incidentals to gauge, purge, sample, preserve and transport samples to laboratory from 44 monitoring wells located at the East Region Landfills (See Attachments A, B and Exhibit 1). Quantity includes 10% duplicates.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Field Services - North Region Landfill	77.00000	EA	210.000000	16170.00

Comm Code	Manufacturer	Specification	Model #
71122800			

Commodity Line Comments:

Extended Description:

Twice per year, all labor, equipment, materials, transportation, and incidentals to gauge, purge, sample, preserve and transport to laboratory for analysis from 35 monitoring wells located at the North Region Landfills (See Attachments A, B and Exhibit 1). Quantity includes 10% duplicates.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Field Services - South Region Landfill	80.00000	EA	210.000000	16800.00

Comm Code	Manufacturer	Specification	Model #
71122800			

Commodity Line Comments:

Extended Description:

Twice per year, all labor, equipment, materials, transportation, and incidentals to gauge, purge, sample, preserve and transport samples to laboratory for analysis from 36 monitoring wells located at the South Region Landfills (See Attachments A, B and Exhibit 1). Quantity includes 10% duplicates.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Field Services - West Region Landfill	69.00000	EA	210.000000	14490.00

Comm Code	Manufacturer	Specification	Model #
71122800			

Commodity Line Comments:

Extended Description:

Twice per year, all labor, equipment, materials, transportation, and incidentals to gauge, purge, sample, preserve and transport samples to laboratory for analysis from 31 monitoring wells located at the West Region Landfills (See Attachments A, B and Exhibit 1). Quantity includes 10% duplicates.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	Statistical Analysis Setup	30.00000	EA	355.000000	10650.00

Comm Code	Manufacturer	Specification	Model #
71122800			

Commodity Line Comments:

Extended Description:

Once per year, all labor, equipment, materials, transportation and incidentals to collect, compile and construct data base for statistical evaluations of information obtained in field services and laboratory analysis.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	Statistical Analysis and Reporting	60.00000	EA	355.000000	21300.00

Comm Code	Manufacturer	Specification	Model #
71122800			

Commodity Line Comments:

Extended Description:

Twice per year, all labor (including clerical), printing, binding, copying, shipping, etc., and incidentals to evaluate data and report findings to WVDEP.



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

State of West Virginia
Centralized Request for Quote
Service - Prof

Proc Folder: 1743847			Reason for Modification:
Doc Description: LCAP GROUNDWATER MONITORING			
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2025-08-19	2025-09-09 13:30	CRFQ 0313 DEP2600000006	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name : Terracon Consultants, Inc.

Address : 912

Street : Morris Street

City : Charleston

State : WV

Country : USA

Zip : 25301

Principal Contact : Bob Barclay

Vendor Contact Phone: (304) 344 - 0821

Extension:

FOR INFORMATION CONTACT THE BUYER

Joseph (Josh) E Hager III
(304) 558-2306
joseph.e.hageriii@wv.gov

Vendor
Signature X

FEIN# 42-1249917

DATE 9/5/2025

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

ADDITIONAL INFORMATION

The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Department of Environmental Protection to establish an open-end contract for groundwater monitoring at thirty (30) Landfills. The Landfills under this contract are divided into four (4) Regions: East, North, South, and West per the attached specifications and terms and conditions.

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION LANDFILL CLOSURE ASSISTANCE PROGRAM 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION LANDFILL CLOSURE ASSISTANCE PROGRAM 601 57TH ST SE CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Field Services - East Region Landfill	97.00000	EA	210.00	20,370.00

Comm Code	Manufacturer	Specification	Model #
71122800			

Extended Description:

Twice per year, all labor, equipment, materials, transportation, and incidentals to gauge, purge, sample, preserve and transport samples to laboratory from 44 monitoring wells located at the East Region Landfills (See Attachments A, B and Exhibit 1). Quantity includes 10% duplicates.

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION LANDFILL CLOSURE ASSISTANCE PROGRAM 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION LANDFILL CLOSURE ASSISTANCE PROGRAM 601 57TH ST SE CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Field Services - North Region Landfill	77.00000	EA	210.00	16,170.00

Comm Code	Manufacturer	Specification	Model #
71122800			

Extended Description:

Twice per year, all labor, equipment, materials, transportation, and incidentals to gauge, purge, sample, preserve and transport to laboratory for analysis from 35 monitoring wells located at the North Region Landfills (See Attachments A, B and Exhibit 1). Quantity includes 10% duplicates.

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION LANDFILL CLOSURE ASSISTANCE PROGRAM 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION LANDFILL CLOSURE ASSISTANCE PROGRAM 601 57TH ST SE CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Field Services - South Region Landfill	80.00000	EA	210.00	16,800.00

Comm Code	Manufacturer	Specification	Model #
71122800			

Extended Description:

Twice per year, all labor, equipment, materials, transportation, and incidentals to gauge, purge, sample, preserve and transport samples to laboratory for analysis from 36 monitoring wells located at the South Region Landfills (See Attachments A, B and Exhibit 1). Quantity includes 10% duplicates.

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION LANDFILL CLOSURE ASSISTANCE PROGRAM 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION LANDFILL CLOSURE ASSISTANCE PROGRAM 601 57TH ST SE CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	Field Services - West Region Landfill	69.00000	EA	210.00	14,490.00

Comm Code	Manufacturer	Specification	Model #
71122800			

Extended Description:

Twice per year, all labor, equipment, materials, transportation, and incidentals to gauge, purge, sample, preserve and transport samples to laboratory for analysis from 31 monitoring wells located at the West Region Landfills (See Attachments A, B and Exhibit 1). Quantity includes 10% duplicates.

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION LANDFILL CLOSURE ASSISTANCE PROGRAM 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION LANDFILL CLOSURE ASSISTANCE PROGRAM 601 57TH ST SE CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	Statistical Analysis Setup	30.00000	EA	355.00	10,650.00

Comm Code	Manufacturer	Specification	Model #
71122800			

Extended Description:

Once per year, all labor, equipment, materials, transportation and incidentals to collect, compile and construct data base for statistical evaluations of information obtained in field services and laboratory analysis.

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION LANDFILL CLOSURE ASSISTANCE PROGRAM 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION LANDFILL CLOSURE ASSISTANCE PROGRAM 601 57TH ST SE CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
6	Statistical Analysis and Reporting	60.00000	EA	355.00	21,300.00

Comm Code	Manufacturer	Specification	Model #
71122800			

Extended Description:

Twice per year, all labor (including clerical), printing, binding, copying, shipping, etc., and incidentals to evaluate data and report findings to WVDEP.

SCHEDULE OF EVENTS		
<u>Line</u>	<u>Event</u>	<u>Event Date</u>

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. **PRE-BID MEETING:** The item identified below shall apply to this Solicitation.

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

☐ 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 individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying 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. 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.

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.

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 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 non-binding.

Submitted emails should have the solicitation number in the subject line. Question

Submission Deadline: 8/26/2025 @ 4:00 PM ET

Submit Questions to: Josh Hager
2019 Washington Street, East Charleston, WV 25305
Fax: (304) 558-3970
Email: Joseph.E.HagerIII@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 on or before the date and time of the bid opening listed in section 7 below. Vendors can submit bids electronically through wvOASIS, in paper form delivered to the Purchasing Division at the address listed below either in person or by courier, or in facsimile form by faxing to the Purchasing Division at the number listed below. Notwithstanding the foregoing, 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. The Purchasing Division will not accept bids or modification of bids via email.

Bids submitted in paper, facsimile, or via wvOASIS must contain a signature. Failure to submit a bid in any form without a signature will result in rejection of your bid.

A bid submitted in paper or facsimile form should contain the information listed below on the face of the submission envelope or fax cover sheet. Otherwise, the bid may be rejected by the Purchasing Division.

VENDOR NAME:

BUYER: Josh Hager

SOLICITATION NO.: CRFQ 0313 DEP2600000006

BID OPENING DATE: see section 7

BID OPENING TIME: see section 7

FAX NUMBER: 304-558-3970

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.

Bid Delivery Address and Fax Number:

Department of Administration, Purchasing Division 2019 Washington Street East

Charleston, WV 25305-0130

Fax: 304-558-3970

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 or via delivery by mail).

Bid Opening Date and Time: 9/09/2025 @ 1:30 PM ET

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 Acknowledgement Form. 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. **ALTERNATE MODEL OR BRAND:** Unless the box below is checked, 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 **shall** 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.

☐ This Solicitation is based upon a standardized commodity established under W. Va. Code § 5A-3-61. Vendors are expected to bid the standardized commodity identified. Failure to bid the standardized commodity will result in your firm's bid being rejected.

11. **COMMUNICATION LIMITATIONS:** In accordance with West Virginia Code of State Rules §148-1-6.6.2, 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.

12. **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.

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

14. **PREFERENCE:** Vendor Preference may be requested in purchases of motor vehicles or construction and maintenance equipment and machinery used in highway and other infrastructure projects. Any request for preference must be submitted in writing with the bid, must specifically identify the preference requested with reference to the applicable subsection of West Virginia Code § 5A-3-37, and must include with the bid any information necessary to evaluate and confirm the applicability of the requested preference. A request form to help facilitate the request can be found at: www.state.wv.us/admin/purchase/vrc/Venpref.pdf.

15A. RECIPROCAL PREFERENCE: The State of West Virginia applies a reciprocal preference to all solicitations for commodities and printing in accordance with W. Va. Code § 5A-3-37(b). In effect, non-resident vendors receiving a preference in their home states, will see that same preference granted to West Virginia resident vendors bidding against them in West Virginia. Any request for reciprocal preference must include with the bid any information necessary to evaluate and confirm the applicability of the preference. A request form to help facilitate the request can be found at: www.state.wv.us/admin/purchase/vrc/Venpref.pdf.

15. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES:

For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37 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.

16. 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 § 148-1-4.7.

17. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in wvOASIS can be accessed and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and 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 to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

18. 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.”

19. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.6. and § 148-1-6.3.”

20. **WITH THE BID REQUIREMENTS:** In instances where these specifications require documentation or other information with the bid, and a vendor fails to provide it with the bid, the Director of the Purchasing Division reserves the right to request those items after bid opening and prior to contract award pursuant to the authority to waive minor irregularities in bids or specifications under W. Va. CSR § 148-1-4.7. This authority does not apply to instances where state law mandates receipt with the bid.

21. **EMAIL NOTIFICATION OF AWARD:** The Purchasing Division will attempt to provide bidders with e-mail notification of contract award when a solicitation that the bidder participated in has been awarded. For notification purposes, bidders must provide the Purchasing Division with a valid email address in the bid response. Bidders may also monitor wvOASIS or the Purchasing Division's website to determine when a contract has been awarded.

22. **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.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of an Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance by the State of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid, or on the Contract if the Contract is not the result of a bid solicitation, 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: The Initial Contract Term will be for a period of One (1) Year
8/15/2025. The Initial Contract Term becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and the Initial Contract Term ends on the effective end date also shown on the first page of this Contract.

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 delivered to the Agency and then 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. Unless otherwise specified below, 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 the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

☐ **Alternate Renewal Term** – This contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

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 of the work covered by the preceding sentence, the vendor agrees that:

☐ the contract will continue for _____ years;

☐ the contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited.

Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's Office (Attorney General approval is as to form only).

☐ **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.

☐ **Construction/Project Oversight:** This Contract becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and continues until the project for which the vendor is providing oversight is complete.

☐ **Other:** Contract Term specified in _____

4. AUTHORITY TO PROCEED: Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked in Section 3 above. If either "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the Contract via change order to memorialize the official date that work commenced.

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/Award Document 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.

☐ **Construction:** This Contract is for construction activity more fully defined in the specifications.

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 of 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 in this section must be provided to the Purchasing Division by the Vendor as specified:

☐ **LICENSE(S) / CERTIFICATIONS / PERMITS:** In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

☐☐☐☐

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

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether that insurance requirement is listed in this section.

Vendor must maintain:

☒ **Commercial General Liability Insurance** in at least an amount of: \$1,000,000.00 per occurrence.

☒ **Automobile Liability Insurance** in at least an amount of: \$1,000,000.00 per occurrence.

☐ **Professional/Malpractice/Errors and Omission Insurance** in at least an amount of: _____ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

☐ **Commercial Crime and Third Party Fidelity Insurance** in an amount of: _____ per occurrence.

☐ **Cyber Liability Insurance** in an amount of: _____ per occurrence.

☐ **Builders Risk Insurance** in an amount equal to 100% of the amount of the Contract.

☐ **Pollution Insurance** in an amount of: _____ per occurrence.

☐ **Aircraft Liability** in an amount of: _____ per occurrence.

☐

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9. WORKERS' COMPENSATION INSURANCE: 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.

10. VENUE: All legal actions for damages brought by Vendor against the State shall be brought in the West Virginia Claims Commission. Other causes of action must be brought in the West Virginia court authorized by statute to exercise jurisdiction over it.

11. LIQUIDATED DAMAGES: 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. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

☐ _____ for _____.

☐ Liquidated Damages Contained in the Specifications.

☐ Liquidated Damages Are Not Included in this Contract.

12. 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.

13. 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. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

14. PAYMENT IN ARREARS: Payments for goods/services will be made in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software maintenance, licenses, or subscriptions may be paid annually in advance.

15. PAYMENT METHODS: Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

16. 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.

17. 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, included in the Contract, 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.

18. 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. If that occurs, the State may notify the Vendor that an alternative source of funding has been obtained and thereby avoid the automatic termination. Non-appropriation or non-funding shall not be considered an event of default.

19. 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 § 148-1-5.2.b.

20. TIME: Time is of the essence regarding all matters of time and performance in this Contract.

21. 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.

22. COMPLIANCE WITH LAWS: 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.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

23. 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.

24. 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.

25. 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.

26. 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.

27. 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.

28. 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.

29. 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.

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 www.state.wv.us/admin/purchase/privacy.

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. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. 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.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

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 NON-CONFLICT: Neither Vendor nor its representatives are permitted to have any interest, nor shall they 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.

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. NO DEBT CERTIFICATION: In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State. By submitting a bid, or entering into a contract with the State, Vendor is affirming that (1) for construction contracts, the Vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, neither the Vendor nor any related party owe a debt as defined above, and neither the Vendor nor any related party are in employer default as defined in the statute cited above unless the debt or employer default is permitted under the statute.

38. 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.

39. 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.division@wv.gov.

40. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, 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.

41. 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 hearth, basic oxygen, electric furnace, Bessemer or other steel making process.
- c. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
 1. 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
 2. 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.

42. 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.

43. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the Vendor must submit to the Agency a disclosure of interested parties prior to beginning work under this Contract. Additionally, the Vendor must submit a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-work interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

44. PROHIBITION AGAINST USED OR REFURBISHED: Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

45. VOID CONTRACT CLAUSES: This Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

46. ISRAEL BOYCOTT: Bidder understands and agrees that, pursuant to W. Va. Code § 5A-3-63, it is prohibited from engaging in a boycott of Israel during the term of this contract.

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.

(Printed Name and Title) Bob Barclay

(Address) 912 Morris Street, Charleston, WV 25301

(Phone Number) / (Fax Number) (304) 344- 0821 / (304) 342 - 4711

(email address) Bob.Barclay@terracon.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through *wvOASIS*, I certify that: I have reviewed this Solicitation/Contract 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/Contract 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 this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; 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; 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.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Terracon Consulting, Inc.

(Company) 

(Signature of Authorized Representative)

Bob Barclay Operations Manager

(Printed Name and Title of Authorized Representative) (Date)

(304) 344 - 0821 / (304) 342 - 4711

(Phone Number) (Fax Number)

Bob.Barclay@terracon.com

(Email Address)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

- ☐ Addendum No. 1
- ☐ Addendum No. 2
- ☐ Addendum No. 3
- ☐ Addendum No. 4
- ☐ Addendum No. 5

- ☐ Addendum No. 6
- ☐ Addendum No. 7
- ☐ Addendum No. 8
- ☐ Addendum No. 9
- ☐ 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.

Company

Authorized Signature

Date

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

REQUEST FOR QUOTATION
LCAP GROUNDWATER MONITORING

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Department of Environmental Protection to establish an open-end contract for groundwater monitoring at thirty (30) Landfills. The Landfills under this contract are divided into four (4) Regions: East, North, South, and West. The list of Landfills and the number of groundwater monitoring wells per landfill can be found in **Attachments A and B**.

Vendors are encouraged to review specifications and requirements closely as specifications most likely have changed since last solicitation. This solicitation was previously advertised as CRFQ DEP2100000037 and solicitation opened on 7/06/2021. Bid results may be viewed at: <http://www.state.wv.us/admin/purchase/Bids/FY2022/BO20210706.html>.

2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.

2.1 “Contract Item” or “Contract Items” means the list of items identified below and on the Pricing Pages. “

2.2 “Landfill” means a Landfill within the WVDEP Landfill Closure Assistance Program.

2.3 “Pricing Pages” means the schedule of prices, estimated order quantity, and totals contained in WV OASIS used to evaluate the Solicitation responses.

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

3. **GENERAL REQUIREMENTS:**

3.1 Contract Items and Mandatory Requirements: Vendor shall provide Agency with the Contract Items listed below. Contract Items must meet or exceed the mandatory requirements as shown below.

3.1.1 Groundwater Sampling: The Vendor shall furnish all personnel, labor, tools, transportation, equipment, incidentals, and supplies to obtain groundwater samples from the groundwater monitoring wells.

3.1.1.1 The Vendor shall perform semi-annual monitoring after the final award of the Purchase Order effective date, and which will result in two semiannual reporting periods. The semi-annual monitoring schedule will be determined upon award of Purchase Order.

3.1.1.2 A list of the thirty (30) LCAP Landfills and the number of wells at each landfill is included in **Attachments A**. It is the responsibility of the Vendor to obtain any other background information necessary to

REQUEST FOR QUOTATION
LCAP GROUNDWATER MONITORING

complete the services.

3.1.1.3 The sampling parameter for Phase I sampling can be found in Attachment C and any Phase II parameters can be found in **Exhibit 1** for any landfill that requires these parameters.

3.1.1.4 All samplings shall be in accordance with WVDEP, Division of Water and Waste Management (DWWM) Quality Assurance / Quality Control (QA/QC) Plan & Standard Operating Procedures for Groundwater Sampling. See **Attachment D**.

3.1.1.5 Within ten (10) calendar days after the Notice to Proceed has been issued, Vendor shall submit training certifications for field sampling staff to WVDEP.

3.1.1.4 Within fifteen calendar days after the Notice to Proceed has been issued, Vendor shall submit to WVDEP, electronically or via CD (preferred), the Vendor-authored standard operating procedures (SOPs) below. There is no line-item expense for the SOPs since Vendor should already have SOPs in place.

- Monitoring Well Purging
- Groundwater Sampling Procedures
- Decontaminating Sampling Equipment
- Sample Handling/Shipping and Chain of Custody Procedures

3.1.1.5 All groundwater monitoring wells shall be purged by using the low flow purging method or using hand-bailers. If it is not possible to purge any given well to field parameter stabilization using low flow purging, Vendor shall purge until “dry” (i.e., purge to silt level), allow for needed recharge volume, then sample well. The field parameters pH, temperature and specific conductance shall be obtained with an appropriate water quality monitor for each sample. The costs associated with well purging equipment shall be included in the unit (“per well”) cost for field sampling.

3.1.1.6 The Vendor shall provide for all labor, materials, transportation, tools, equipment, supplies, and incidentals to manage and dispose of purge water at an approved facility. The costs associated with purge water management shall be included in the unit (per well) cost for field sampling and laboratory analysis.

3.1.1.7 All sampling equipment will be properly decontaminated before and after sampling. A separate area will be designated for decontaminating the sampling equipment and storing investigative derived waste (IDW). The water used for decontaminating equipment must be containerized

REQUEST FOR QUOTATION
LCAP GROUNDWATER MONITORING

before disposal; the IDW can be stored in the same container as the purge water. The costs associated with decontaminating field equipment and disposal of IDW shall be included in the unit cost for field sampling.

3.1.1.8 The Unit Cost for the Field Services Per Well shall include all labor, equipment, materials, transportation, and incidentals to gauge and purge groundwater monitoring wells, obtain groundwater samples, preserve and transport/ship groundwater samples to Laboratory for analysis within the time restrictions per sample parameter hold times.

3.1.1.8.1 “Per Well” is defined as an event in which an actual sample was collected from the monitoring well. A dry well cannot be defined as a sampling event.

3.1.1.8.2 Payment will only be made for groundwater monitoring wells that have been sampled. (Note: A shorter bailer may be necessary if the longer bailer will not pass through a bend in the well.)

3.1.2 Statistical Analysis Setup: Vendor shall determine if there is a statistical increase over the background values for each parameter according to ASTM Standard D 6312-98 except that any re-sampling of implementing Phase II sampling will be at the discretion of the WVDEP.

3.1.2.1 Any landfill that has two years of data either acquired or historical shall receive a semi-annual statistical analysis in accordance with Solid Waste Management Rule §33-1-4.11 Groundwater Monitoring and Corrective Action Program.

3.1.2.2 The Vendor will be paid a one-time statistical analysis setup fee. This fee will include all labor, materials, and incidentals required for the Vendor to prepare a DEP approved statistical analysis database.

3.1.2.3 The Unit Cost for the Statistical Analysis Setup shall be measured as the “per Landfill” unit price including all labor, equipment, materials, transportation and incidentals to collect, compile and construct the facility data base for statistical evaluations of information obtained in field services and laboratory analysis.

3.1.3 Statistical Analysis and Reporting: The Vendor shall develop and submit reports for groundwater monitoring events in accordance with 33CSR1 Section 4.11.

3.1.3.1 There must be no less than one hundred and twenty (120) days between the sampling events. Reports shall be submitted within sixty (60) days of each sampling event. The Vendor shall submit reports including test

**REQUEST FOR QUOTATION
LCAP GROUNDWATER MONITORING**

results to the Project Manager, the WVDEP Division of Water and Waste Management, and the Permittee of the Landfill.

3.1.3.2 The results of the groundwater analysis from each monitoring well shall be provided in a format acceptable to the WVDEP and both MDL's (method detection limits) and PQL's (practical quantitation limit) shall be specified for all laboratory analyses. Electronic copies of analyses and reports will be required.

3.1.3.3 The Unit Price for the Statistical Analysis and Reporting shall be measured per Landfill, and includes all labor (including clerical), printing, binding, copying, shipping, etc., and incidentals to evaluate data and report findings to WVDEP.

3.2 Supplement Requirements

3.2.1 The Vendor's field sampling team shall have the following abilities, training and knowledge:

- The ability to work in varying weather and site conditions where steep slopes and rugged terrain may be present and where access to some wells by vehicle is not available or require the use of a 4WD vehicle.
- Training and knowledge of sampling methods for collecting groundwater samples, labeling sample containers, sample shipping procedures and completing a chain of custody.
- Ability to use GPS (global positioning system) or other site locating methods
- Training and knowledge of the maintenance and calibration of field sampling and measuring equipment.
- Attended a 40-hour health and safety training course, with annual refresher, in accordance with the requirements of the Occupational Safety and Health Administration 29CFR 1910.120.
- Knowledge of first aid and safety procedures.

3.2.2 Vendor employees are expected to conduct themselves in a professional manner and cooperate with all WVDEP staff to ensure efficient and productive operations. WVDEP reserves the right to request any Vendor employee be removed from field sampling activities.

3.2.3 Any modifications to the wells must be requested in writing and shall be approved or disapproved in writing by the Program Manager. Should Vendor desire to modify wells to achieve a certain procedure for monitoring, such as a dedicated well pump, etc., Vendor shall provide justification to WVDEP for the well modification.

3.2.4 The Vendor shall be responsible for locking the monitoring wells while not in

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use. The wells shall remain locked when not in use to prevent unauthorized access. The Vendor shall be provided a key to the common keyed locks that have been installed. The Contractor shall immediately notify WVDEP of any missing or broken well locks or covers.

3.2.5 Not all groundwater monitoring wells are accessible by vehicle; walking to and from some of the groundwater monitoring wells will be required. The WVDEP will be responsible for maintaining reasonable access to well heads to allow for field sampling. Maintenance may include removal of brush, lubrication of hinges, etc.

3.2.6 For those groundwater monitoring wells that are accessible by vehicle, the Vendor will immediately report excessive deterioration of the access road or roads to the Project Manager. This will allow for the repair of the access road or roads to be scheduled and completed in a timely manner. If the Vendor cannot access a well, they must notify WVDEP immediately.

3.2.7 The Vendor must make a reasonable effort to sample all wells approved by WVDEP. A sampling event shall be defined as an event in which an actual sample was collected. A dry well cannot be defined as a sampling event. Vendor shall report any damaged or obstructed groundwater monitoring wells to the WVDEP.

3.2.8 The Project Manager will be onsite during each sampling event. WVDEP will provide the vendor with a list of project managers once the contract is awarded.

3.2.8.1 The vendor shall notify the Project Manager no less than **five (5)** calendar days before each sampling event. If Vendor fails to adhere to the sampling schedule provided to the Project Manager and does not provide a revised sampling schedule in advance, processing of invoices shall be delayed until Vendor provides justification for the unannounced schedule change.

3.2.9 Prior to sampling, the Vendor's sampling equipment shall be subject to inspection. If the Project Manager deems the sampling equipment unacceptable, the Vendor shall immediately obtain replacement sampling equipment. There is no line item for the cost to obtain acceptable sampling equipment and cost shall not be included in the unit cost for field sampling.

3.2.10 Additional supplemental specifications can be found in **Attachment E**.

3.3 Analysis of Groundwater Samples

3.3.1 All groundwater samples shall be delivered to a third-party DWWM Quality Assurance Program-certified Laboratory for analysis. **To ensure unbiased analytical testing and reporting, the Vendor collecting the groundwater**

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samples cannot be the same Vendor analyzing the groundwater samples.

3.3.2 Vendor shall utilize WVDEP's issued *Inorganic Analysis of Water and Soil* contracts and *Organic Analysis of Water and Soil* contracts to determine the closest geographically located and the most cost-effective Laboratory to analyze the groundwater samples.

3.3.3 Do not include cost of lab analysis; cost for analysis will be the responsibility of WVDEP. Sample collection, sample containers and delivery to a specified lab will be the responsibility of contractor.

4. CONTRACT AWARD:

4.1 Contract Award: The Contract is intended to provide Agencies with a purchase price for the Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest overall Total Bid Amount as shown on the Pricing Pages.

4.2 Pricing Page: Vendor should complete the Pricing Page by multiplying the estimated quantity by the unit price. Add your line item totals to determine the total amount of your bid. Vendor should complete the Pricing Page in their entirety as failure to complete in its entirety may result in Vendor's bid being disqualified.

The Pricing Pages contain a list of the Contract Items and estimated purchase volume. The estimated purchase volume for each item represents the approximate volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied.

Vendor should electronically enter the information into the Pricing Pages through wvOASIS, if available, or as an electronic document.

5. ORDERING AND PAYMENT

5.1.Ordering: Vendor shall accept orders through wvOASIS, regular mail, facsimile, e-mail, or any other written form of communication. Vendor may, but is not required to, accept on-line orders through a secure internet ordering portal/website. If Vendor has the ability to accept on-line orders, it should include in its response a brief description of how Agencies may utilize the on-line ordering system. Vendor shall ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line.

5.2.Payment: Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

5.3.Invoicing: Invoices are to be submitted upon completion of each event or a combination of two or more events. Invoices must be submitted via email to depdlrprocurement@wv.gov.

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6. DELIVERY AND RETURN:

6.1.Delivery Time: Vendor shall deliver standard orders within 10 days working days after orders are received. Vendor shall deliver emergency orders within 5 working day(s) after orders are received. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met.

6.2.Late Delivery: The Agency placing the order under this Contract must be notified in writing if orders will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the delayed order, and/or obtaining the items ordered from a third party.

Any Agency seeking to obtain items from a third party under this provision must first obtain approval of the Purchasing Division.

6.3.Delivery Payment/Risk of Loss: Standard order delivery shall be F.O.B. destination to the Agency's location. Vendor shall include the cost of standard order delivery charges in its bid pricing/discount and is not permitted to charge the Agency separately for such delivery. The Agency will pay delivery charges on all emergency orders provided that Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.

6.4.Return of Unacceptable Items: If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.

6.5.Return Due to Agency Error: Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

7. TRAVEL: Vendor shall be responsible for all mileage and travel costs, including travel time, associated with performance of this Contract.

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- 8. FACILITIES ACCESS:** Performance of Contract Services may require access cards and/or keys to gain entrance to Agency's facilities. If access cards and/or keys are required:

8.1. Vendor must identify principal service personnel which will be issued access cards and/or keys to perform service.

8.2. Vendor will be responsible for controlling cards and keys and will pay replacement fee, if the cards or keys become lost or stolen.

8.3. Vendor shall notify Agency immediately of any lost, stolen, or missing card or key.

8.4. Anyone performing under this Contract will be subject to Agency's security protocol and procedures.\

9. VENDOR DEFAULT

9.1. The following shall be considered a vendor default under this Contract.

9.1.1. Failure to perform Contract Services in accordance with the requirements contained herein.

9.1.2. Failure to comply with other specifications and requirements contained herein.

9.1.3. Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.

9.1.4. Failure to remedy deficient performance upon request.

9.2. The following remedies shall be available to Agency upon default.

9.2.1. Immediate cancellation of the Contract.

9.2.2. Immediate cancellation of one or more release orders issued under this Contract.

9.2.3. Any other remedies available in law or equity.

10. MISCELLANEOUS:

10.1 No Substitutions: Vendor shall supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.

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- 10.2 Vendor Supply:** Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.
- 10.3 Reports:** Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract
- 10.4 Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Bob Barclay

Telephone Number: (304) 344 - 0821

Fax Number: (304) 342 - 4711

Email Address: Bob.Barclay@terracon.com



912 Morris Street
Charleston, WV 25213
P (304) 344-0821
Terracon.com



Firm Qualifications and Experience

In addressing the unique needs of the legal industry, Terracon stands as a distinguished partner with a proven track record of success. Building upon our experience in West Virginia and throughout the country, we bring the expertise required to assist your firm through the intricacies of the environmental assessment and investigation process. Our key personnel are not only seasoned professionals but also highly qualified individuals committed to delivering tailored and defensible solutions. As a testament to our industry standing, Terracon consistently ranks among the top firms in the field, holding a prominent position as a trusted engineering consulting partner. With a focus on safety, organic expansion, and innovation, we ensure unwavering support for our clients and communities. Terracon understands that law firms require specialized environmental support from research to sampling properties for potential or ongoing litigation, Terracon is poised to be your collaborative partner to actively contribute to success.

Local Branch Office: Charleston, WV | 912 Morris Street, Charleston, WV 25301

Headquarters: 10841 S. Ridgeview Road, Olathe, KS 66061

Additional Offices: Over 180 Locations Nationwide

Areas of Expertise:

Environmental Consulting: Terracon's Environmental Consultants will assist your firm navigate and address environmental considerations associated with environmental assessments of commercial and residential projects. Our team of experts conducts thorough assessments, identifies potential risks, and formulates strategies to ensure compliance with regulations and protect human health and the environment. From environmental assessments to risk management, we offer comprehensive solutions to support your real estate, energy, or construction clients.

About Terracon

Wherever you are on your project journey, Terracon's employee-owners are ready to meet you where you are and help you reach your goal. Since our founding in 1965, Terracon has grown and evolved to become a thriving, employee-owned, multi-discipline engineering consulting firm. Our more than 7,000 curious minds include engineers, scientists, architects, facilities experts, and field professionals focused on solving engineering and technical challenges from more than 180+ locations nationwide. On-time and real-time data driven insights, provided by our talented employee owners, create an unmatched client experience that spans the life cycle of any project from earth-to-sky. Terracon consistently ranks as a top 25 design firm by Engineering News Record. Our successful growth has included organic expansion and innovation as well as the acquisition of more than 60 firms with specialized capabilities. From site selection, to the design and construction, to maintaining the life of the structure, we'll help you achieve success through engineering and scientific expertise, a passion for problem-solving, and a drive to explore. We're ready when - and where - you are. Explore with us!

Explore with us

Environmental Services

Terracon relies upon demonstrated experience and knowledge of local conditions and regulations to deliver solutions that are timely, practical, and make good business sense. We have supported more than 132,720 environmental projects across 50 states since 2019. Terracon has a thorough understanding of local conditions and regulations and knows how to effectively manage the potential risks. Our targeted services increase clarity during project development and optimize solutions during design. Clients will have a local resource with local knowledge, success, and involvement in the community supported by technical resources who have likely successfully addressed many issues that may appear. Terracon's environmental services include:

Asbestos Consulting

- Asbestos Surveys
- Asbestos Management Planning
- Abatement Design/Specification
- Operations and Maintenance Plans
- Abatement Oversight/Air Monitoring

Due Diligence + Transactional Support

- Phase I Environmental Site Assessment (ESA)
- Transaction Screens

Industrial Hygiene

- Occupational Safety and Health Administration (OSHA) and Mine Safety and Health Administration (MSHA) Compliance Evaluations and Auditing
- Exposure Assessments
- Health and Safety Training/Planning
- Heat/Cold Stress Management
- Noise and Hearing Conservation
- Mold Assessments/Remediation Monitoring
- Indoor Environmental Quality
- Litigation Support

Regulatory Compliance

- Limited Environmental Compliance Assessments
- Air Permitting/Greenhouse Gas Reports
- Pollution Prevention/Waste Minimization
- Spill Prevention Control and Countermeasure (SPCC) and Facility Response Plans
- Above/Underground Tank Registration
- Stormwater Permitting (SWPPP)
- Hazardous Materials and Waste Management Planning

- Superfund Amendments and Reauthorization Act (SARA) Title III or Emergency Planning and Community Right-to-Know Act (EPCRA) Reporting
- Annual Compliance Training
- Industrial Wastewater Permitting and Treatment System Design

Natural and Cultural Resources

- NEPA Studies and Checklists
- Environmental Impact Assessments
- Waters of the U.S. Delineation
- Wetland/Stream Mitigation/Restoration
- USACE Permitting/Mitigation
- Threatened and Endangered Species Habitat Assessments
- Tree and Vegetation Surveys
- Species Specific Studies
- Archaeological Investigations
- Historic Structure Assessments

Site Investigation and Closure

- Soil and Groundwater Investigation
- Groundwater Monitoring and Statistical Analysis
- Soil Gas Investigation
- Vapor Intrusion Evaluation
- Surface Water and Sediment Investigations
- Fate and Transport Modeling
- Risk-Based Corrective Action
- Underground Storage Tank Removal
- Landfill and Methane Investigation
- Brownfields Assessments
- Voluntary Cleanup Program Closures
- Corrective Action Closure