



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

State of West Virginia Purchase Order

Order Date: 04-23-2025

CORRECT ORDER NUMBER MUST APPEAR
ON ALL PACKAGES, INVOICES, AND
SHIPPING PAPERS. QUESTIONS
CONCERNING THIS ORDER SHOULD BE
DIRECTED TO THE DEPARTMENT
CONTACT.

Order Number:	CPO 0313 0313 DEP2500000019 1	Change Order No:	Procurement Folder:	1257504
Document Name:	EOI - 2023 AML Contract N3			Reason for Modification:
Document Description:	EOI - 2023 AML Contract N3			
Procurement Type:	Central Purchase Order			
Buyer Name:	Joseph E Hager III			
Telephone:	(304) 558-2306			
Email:	joseph.e.hageriii@wv.gov			
Shipping Method:	Best Way			
Free on Board:	FOB Dest, Freight Prepaid			Effective Start Date: 2025-04-25
				Effective End Date:

VENDOR

Vendor Customer Code: 000000204737
CTL ENGINEERING OF WV INC
510 C STREET

SOUTH CHARLESTON WV 25303
US
Vendor Contact Phone: 999-999-9999 Extension:

Discount Details:

	Discount Allowed	Discount Percentage	Discount Days
#1	Not Entered		0
#2	Not Entered		
#3	Not Entered		
#4	Not Entered		

DEPARTMENT CONTACT

Requestor Name: Jessica S Chambers
Requestor Phone: (304) 414-1140
Requestor Email: jessica.s.chambers@wv.gov

2025
FILE LOCATION

INVOICE TO

ENVIRONMENTAL PROTECTION
OFFICE OF AML&R
601 57TH ST SE
CHARLESTON WV 25304
US

SHIP TO

ENVIRONMENTAL PROTECTION
OFFICE OF AML&R
601 57TH ST SE
CHARLESTON WV 25304
US

Purchasing Division's File Copy

Total Order Amount: \$7,386,791.00

PURCHASING DIVISION AUTHORIZATION DATE: 4-23-25 ELECTRONIC SIGNATURE ON FILE	ATTORNEY GENERAL APPROVAL AS TO FORM DATE: 5/22/2025 ELECTRONIC SIGNATURE ON FILE	ENCUMBRANCE CERTIFICATION DATE: 5-22-25 ELECTRONIC SIGNATURE ON FILE
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Extended Description:
The vendor, CTL Engineering of WV Inc., agrees to enter into this contract with the agency, The West Virginia Department of Environmental Protection, for the Design and Engineering Services for the 2023 AML Contract 3 Projects - North, per the specifications, terms and conditions, and the vendors submitted cost proposal dated 2/25/2025, all incorporated herein by reference and made a part hereof.

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
1	81100000	0.00000		0.000000	867334.25
Service From		Service To	Manufacturer	Model No	

Commodity Line Description: Albright (Fortney) Refuse and Structures

Extended Description:
Albright (Fortney) Refuse and Structures

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
2	81100000	0.00000		0.000000	988164.75
Service From		Service To	Manufacturer	Model No	

Commodity Line Description: Cowger Highwall & Portals

Extended Description:
Cowger Highwall & Portals

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
3	81100000	0.00000		0.000000	1043368.00
Service From		Service To	Manufacturer	Model No	

Commodity Line Description: Dotson Tipple Phase II

Extended Description:
Dotson Tipple Phase II

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
4	81100000	0.00000		0.000000	766945.75
Service From		Service To	Manufacturer	Model No	

Commodity Line Description: Granville (Buzzo) Clogged Stream

Extended Description:
Granville (Buzzo) Clogged Stream

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
5	81100000	0.00000		0.000000	1067063.00
Service From		Service To	Manufacturer	Model No	

Commodity Line Description: Jadot Highwall and Portals

Extended Description:
Jadot Highwall and Portals

03.2.20

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
6	81100000	0.00000		0.000000	777464.50
Service From		Service To	Manufacturer	Model No	

Commodity Line Description: Miller Highwall & Portal

Extended Description:
Miller Highwall & Portal

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
7	81100000	0.00000		0.000000	839301.25
Service From		Service To	Manufacturer	Model No	

Commodity Line Description: Turner Highwall

Extended Description:
Turner Highwall

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
8	81100000	0.00000		0.000000	1037149.50
Service From		Service To	Manufacturer	Model No	

Commodity Line Description: West Run #2

Extended Description:
West Run #2

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 _____. 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 _____ 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 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 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: \$1,000,000.00 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 <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. 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.

Revised 11/1/2022

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.

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: All construction contracts that will be completed in conjunction with architectural services procured under Chapter 5G of the West Virginia Code will be governed by the attached AIA documents, as amended by the Supplementary Conditions for the State of West Virginia, in addition to the terms and conditions contained herein. The terms and conditions of this document shall prevail over anything contained in the AIA Documents or the Supplementary Conditions.

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.

(Printed Name and Title) Timothy Darrah, Civil and Survey Design Manager

(Address) 1091 Chaplin Road, Morgantown, WV 26501

(Phone Number) / (Fax Number) 304-292-1135 304-296-9302


(Email address) tdarrah@ctleng.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through WV OASIS, 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.

CTL Engineering

(Company)


(Signature of Authorized Representative)

Timothy Darrah, Civil and Survey Design Manager

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

304-292-1135 304-296-9302

(Phone Number) (Fax Number)

tdarrah@CTLENG.COM

(Email Address)

CTL Engineering, Inc.
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Established 1927

February 25, 2025

WV Division of Environmental Protection (WVDEP)
Office of Abandoned Mine Lands & Reclamation (AMLR)
Division of Land Restoration (DLR)
1000 Technology Drive, Suite 3220
Fairmont, WV 26554

Attention: Mr. Troy Schell

Reference: Professional Consulting Services
2023 Abandoned Mine Lands (AML) Contract N3
CEOI 0313 DEP24*07
CTL Proposal No: 24100004MORPPL

Dear Mr. Schell:

We are pleased to submit our revised scope of work, professional fee/cost, and schedule for the referenced project/contract. These revisions have been made in response to the thorough, valuable, and practical feedback provided by Mr. John Curry via email on December 17, 2024, January 22, 2025, and following the latest quality checks and adjustments on February 6 and 20, 2025, based on the updated application and certificate for payment spreadsheet.

Thank you for taking the time to review CTL's proposal in its entirety and for providing your feedback. We have carefully reviewed and addressed all comments and suggestions.

Our team of highly skilled professionals, along with our teaming partners, is committed to delivering pragmatic, cost-effective solutions while maintaining the highest quality of service.

We look forward to your approval and to proceeding with the project.

Please find attached CTL's revised proposal and associated fees, and please feel free to contact Mr. Ababu Gelaye at (614) 917-3247 or agelaye@ctleng.com or Mr. Joe Stanley at (304) 376-2536 or istanley@ctleng.com if you may have any question.

CTL Engineering appreciates the opportunity to be of service. If you have any questions, please call.

CTL Engineering of West Virginia, Inc.

Ababu Gelaye, M.S, CPESC, P.G. | Project Manager
Civil Engineer | Civil/Site Design & Surveying

Joe Stanley
Assistant Project Manager

Offices: West Virginia, Ohio, Indiana, Kentucky, North Carolina, South Carolina, Virginia

Table of Contents

1.	SCOPE OF WORK.....	1
1.1.	Task I - NEPA and ESA.....	2
1.1.1.	Agency Coordination	2
1.1.2.	Wetland and Water Studies	2
1.1.3.	Potential Bat Roost Tree (PRT) Assessment.....	3
1.1.4.	EA Document	3
1.1.5.	Coal Quality Sampling and Analysis (Albright (Fortney) Refuse and Structures	6
1.2.	Task II – REALTY	6
1.3.	Task III – DESIGN	8
A.	Site Reconnaissance and Investigations	8
B.	Surveying and Mapping	10
C.	Geotechnical Investigations	12
D.	Analysis and Design:.....	14
E.	Permitting: the scope of work for permitting:	15
1.4.	Task IV - CONSTRUCTION OVERSIGHT	17
1.5.	Task V - POST-CONSTRUCTION OVERSIGHT	19
2.	FEE/COST BREAKDOWN	19
2.1.	Fee /Cost Breakdown Per Task, ALL/Eight (8) Problem Areas/Projects	20
2.2.	Fee /Cost Breakdown Per Problem Areas/Projects	20
3.	SCHEDULE.....	22
4.	CLOSING	23
	Attachments A – Fee/Breakdowns/Details For Tasks I-V for all Sites	23



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Attention: Mr. Troy Schell

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2023 Abandoned Mine Lands (AML) Contract N3
CEOI 0313 DEP24*07
CTL Proposal No: 24100004MORPPL

Mr. Schell,

CTL Engineering of West Virginia, Inc. (CTL) is pleased to submit this proposal to perform the professional consulting services for the above referenced project, per the work directive letter and associated attachments dated December 7, 2023.

1. SCOPE OF WORK

The purpose of this proposal to provide our professional consulting services for eight (8) Problem Areas/Projects that are located in Preston and Monongalia Counties, WV. The names of the eight (8) Problem Areas/Projects are: Project 1 - Albright (Fortney) Refuse and Structures, Project 2 - Cowger Highwall & Portals, Project 3 - Dotson Tipple Phase II, Project 4 - Granville (Buzzo) Clogged Stream, Project 5 - Jadot Highwall and Portals, Project 6 - Miller Highwall & Portal, Project 7 - Turner Highwall, and Project 8 - West Run #2.

CTL has teamed up with Greenman-Pedersen, Inc. (GPI), EGIS BLN USA, Inc. (Egis) formerly known as Neff, Longest and, and Beam (NLB), The Markosky Engineering Group, Inc. (Markosky) to provide the proposed scope of services.

CTL and its Teaming Partners are experienced with completion of AML Projects and the desired design services for which WVDEP-DLR-AML is seeking. Our scope and fee proposals are based on projects specific related coordination between CTL, its teaming partners, and WVDEP-DLR-AML starting from March 1, 2024, and based on projects specific scoping sites walks that occurred on April 10 and 12, 2024.

It is CTL's and its Teaming Partner's understanding that PRIORITY 1 project is: Project 4 - Granville (Buzzo) Clogged Stream, while PRIORITY 2 projects include: Project 1 - Albright (Fortney) Refuse and Structures, Project, 2 - Cowger Highwall & Portals, Project 3 - Dotson Tipple Phase II, Project 5 - Jadot

Highwall and Portals, Project 6 - Miller Highwall & Portal, Project 7 - Turner Highwall, and Project 8 - West Run #2.

All consulting services will be performed by offices within the United States, and we understand that the work to be provided to the WVDEP-DLR-AML for these reclamation projects shall consist of the following specific scope of services:

1.1. Task I - NEPA and ESA

CTL and its Teaming Partner Markosky understand the NEPA and ESA scope of work for all eight (8) Problem Areas/Projects includes the following proposed scope of work, and will deliver on it accordingly:

The following scope of services will be provided for the following sites: Project 1 - Albright (Fortney) Refuse and Structures, Project 2 - Cowger Highwall & Portals, Project 3 - Dotson Tipple Phase II, Project 4 - Granville (Buzzo) Clogged Stream, Project 5 - Jadot Highwall and Portals, Project 6 - Miller Highwall & Portal, Project 7 - Turner Highwall, and Project 8 - West Run #2.

1.1.1. Agency Coordination

- Coordinate and meet with WVDEP, WVDNR, USFWS, and Region 6 Planning Development by email or virtual meeting platform as needed to meet project design requirements.
 - Submit required project documentation for environmental clearance and permit approval.
 - Document meeting discussion points and decisions.
- Participate in an in-person and/or virtual design review meetings as needed (i.e., 30%, 60 % and 90%).
- Participate in one (1) on-site pre-bid meeting for each project.
- Participate in one (1) on-site pre-construction meeting for each project.
- The scope includes the NEPA and ESA components
- This scope also includes monthly reporting, uploading submissions, correspondence letters and project documents into AMLNET.

1.1.2. Wetland and Water Studies

- Perform a desktop review of the following published literature for the Project Area:
 - USGS 7.5-Minute topographical quadrangle map.
 - Natural Resources Conservation Service (NRCS) Web Soil Survey.
 - 12-digit Hydrologic Unit Codes (HUC12) as designated by the U.S. Geological Survey (USGS) National Map.
 - Federal Emergency Management Agency (FEMA) flood insurance rate maps (FIRMette) delineated floodplain boundaries.
- Conducting an on-site detailed wetland identification and delineation investigation to document the presence and jurisdictional boundaries of wetland resources within the Project Area in accordance with U.S. Army Corps of Engineers (USACE) Wetland Delineation Manual (1987), and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region (Version 2.0).

- USACE data forms for each identified wetland resource will be completed in the field to identify the presence of wetland hydrology, vegetation, and soils.
 - Wetland areas will be flagged and recorded with GPS survey technology.
 - Photographs will be taken in each cardinal direction at each delineated wetland and open-water habitat.
- Conducting on-site stream investigations within the Project Area in accordance with the *Operational Draft Regional Guidebook for the Functional Assessment of High-Gradient Headwaters Streams and Low-Gradient Perennial Streams in Appalachia* (January 2017).
 - Scientists will record stream width, depth, bank condition, substrate, in-stream habitat for each identified stream.
 - Perform a cursory investigation of the benthic macroinvertebrate community by investigation of suitable in-stream habitat features to adequately characterize the investigated streams as ephemeral, intermittent, and perennial.
 - The top-of-banks or centerline of each identified stream will be recorded with GPS survey technology.
 - Each stream will be photographed to document the upstream reach, downstream reach, and substrate.
- Scientists will complete the West Virginia Stream and Wetland Valuation Metric (WVSWVM) using qualitative and quantitative data collected.
- Prepare aquatic resources report to document the wetland and stream investigations.

1.1.3. Potential Bat Roost Tree (PRT) Assessment

- Will conduct an on-site potential habitat assessment.
 - All trees over 3 inches diameter at breast height (DBH) will be assessed for bat roosting potential.
 - Any tree showing characteristics that provide suitable roosting habitat will be documented.
 - Documentation will include the following:
 - Photos of the overall tree as well as the characteristics that make it a suitable habitat.
 - The DBH will be measured and documented on the PRT spreadsheet.
 - The species and estimated height of the tree will also be noted.
 - Scientists will also determine if the potential roost tree is a Primary or Secondary roost tree.
- Will complete the potential roost tree assessment form and a report for the USFWS to review.
- Scientists will not perform the PRT assessment until at least 60% of the design is complete and the limits of disturbance (LOD) are defined.
 - Will take the LOD and do a desktop analysis of proposed acreage of tree removal.
 - Once it has been verified that tree removal is necessary scientists will schedule field visits to perform the PRT assessment.

1.1.4. EA Document

- Will draft the purpose and need statement.
 - Send to WVDEP for approval.

- Will conduct an alternatives analysis for one reclamation- build alternative and a no-build alternative.
 - Design team will supply design plans and input as needed.
- Will complete a desktop review of information presented in the OSM 51 form, and publicly available online resources, and on-site field reconnaissance to characterize the project area.
 - The results of the review will be evaluated against the proposed alternatives and presented in the EA.
- Scientists will use the findings from the on-site aquatic resources delineation completed by delineation team and the water quality analysis provided by WVDEP to characterize the existing water resources identified in the project area.
 - Will notify WV Department of Natural Resources (WVDNR) – Wildlife Resources of the proposed Project to confirm surface water designations and potential in-stream restrictions for the Project Area.
 - The results of the review will be evaluated against the proposed alternatives and presented in the EA.
- Will perform a desktop review of the United States Environmental Protection Agency's (USEPA's) Home of the U.S. Air Quality Index and National Ambient Air Quality Standards (NAAQS) websites to characterize general air quality and special air quality zones within the Project Area.
 - The results of the review will be evaluated against the proposed alternatives and presented in the EA.
- Will review the USDA Natural Resource Conservation Service web soil survey mapping for Monongalia County and identify any agricultural soils, soils of statewide importance and prime farmland soils occurring within the Project Area.
 - The results of the review will be evaluated against the proposed alternatives and presented in the EA.
- Will perform a U.S. Fish and Wildlife Service (USFWS) Environmental Review utilizing the Information for Planning and Consultation (IPaC) system to evaluate the Project Area for federally listed threatened and endangered vegetative species.
 - Will consult with WVDNR will also be conducted to determine the documented presence or absence of state listed endangered, threatened, and rare vegetative species within the Project Area.
 - The results of the review will be evaluated against the proposed alternatives and presented in the EA.
- Will consult with the USFWS to request an official species list via the IPaC digital Project planning tool following the LOD determination as Project design progresses.
 - Once project design has reached at an acceptable stage where no other determination will impact the Limit of Disturbance (LOD), NEPA and ESA team will complete the IPaC Northeast Endangered Species Determination Key and the Northern Long-eared Bat Determination Key.
 - Will also coordinate with WVDNR to request information on any recorded occurrences of state protected species within the Project Area.
 - The results and findings of the federally and state listed threatened and endangered resources will be summarized and compared against proposed alternatives to evaluate potential impacts to these resources within the EA document.

- Will complete a desktop review of available state and federal resources to categorize the land use within the Project Area and evaluate the presence or absence of special land use designations, state and federal parks, wilderness areas, and landmarks.
- Will complete a review of the online Census QuickFacts tool to evaluate racial diversity, owner-occupied housing rates, median housing values, median housing income, and poverty rates for Monongalia County compared against state-wide and national statistics.
- An Environmental Justice (EJ) analysis will be completed utilizing USEPA's EJScreen online mapper to identify any minority or low-income populations within the Project Area.
- Will perform a desktop review of the West Virginia Department of Transportation (WVDOT) Division of Highways – Planning Division – Transportation Modeling and Analysis Unit's website to evaluate station data for average annual daily traffic (AADT) for identified the roadway network for the Project Area.
- Will complete a desktop review of available data state and federal resources to identify local, state, and federal parks, forests, wilderness, natural, and wild areas within the Project Area.
 - Will identify and consult with the owner or organization that operates and maintains the public recreational resource after preliminary design plans have been evaluated
- Perform a desktop review of the online National Transportation Noise Map to characterize ambient noise levels from roadway, aviation, and railway traffic within the Project Area.
- Does not anticipate impacts to any visual resources within the Project Area based on the site visit conducted on April 10, 2024, with WVDEP
- Will utilize the findings of the cultural resource investigation (provided by WVDEP) to characterize the presence or absence of historic and cultural resources identified within the Project Area.
- CTL's environmental teaming partner will make in-person site visits to collect the necessary data and will also utilize site description details presented within the OSM 51 received April 1, 2024, in addition to observations made during the site visit conducted on April 10, 2024, to characterize site features posing risks to human health and safety within the Project Area. On-site visits will be conducted as needed and are accounted in the fees, and will not require change orders.
- Will perform a desktop review of the USEPA's Cleanups in My Community Map (online interactive resource) to evaluate for documented hazardous waste within the Project Area.
- Environmental specialists will conduct more extensive documentation of existing solid waste within the Project Area during on-site field reconnaissance efforts.
 - Will develop a solid waste management plan for the proper transportation and disposal of solid waste that may be encountered during construction.
 - The results and findings will be summarized and presented in the EA document.
 - The solid waste management plan will be included in the EA document as an appendix.
- Will advise the Region 6 Planning and Development Council of the proposed Project in accordance with the West Virginia Intergovernmental Review Process (EO 12372) to determine if the Project may have a cumulative impact on the resource elements to be investigated by the NEPA and ESA team as part of the Environmental Assessment.
- Will draft mitigation commitments for the preferred alternative to lessen any permanent or temporary impacts from the Project design and construction.
 - Mitigation commitments, if required, will be submitted to WVDEP for review, approval, and distribution to the contractor.
 - Upon approval, mitigation commitments will be presented within the EA.

- Electronically submit the Final EA and pertinent supporting documents to the WVDEP in .PDF format for review, concurrence, and approval.
 - Will revise the EA and/or supporting documentation as directed.
 - Will address comments on the draft EA, final EA, and FONSI to complete the EA documents as scoped out in this proposal.

1.1.5. Coal Quality Sampling and Analysis (Albright (Fortney) Refuse and Structures

- In addition of the **Sub-Sections 1.1.1 to 1.1.4** scope of services, the Albright (Fortney) Refuse and Structures site will need a Coal Quality Sampling and Analysis
- This will require coordination with geotechnical team to develop a schedule for the collection of coal quality samples utilizing a drill rig mobilized for the geotechnical investigation.
- Scientists will coordinate with a certified coal testing laboratory to receive bulk composite sample bags to store and transport coal quality samples.
 - Collect six (6) composite grab samples across the Project Area.
 - Assign unique sample identification numbers documenting the sample locations and depths.
 - Record sample locations with GPS survey technology.
 - Drop bulk composite samples off at laboratory for analyzation.
- Submit PDF format analytical reports following receipt from laboratory.

1.2. Task II – REALTY

CTL and its Teaming Partner Egis understand the Realty Task includes the following proposed scope of work, and will deliver on it accordingly:

- Determining ownership on tracts of land identified as necessary for final design and construction.
 - This includes obtaining the current deed(s) of record through online websites and at the Monongalia County and Preston County Clerks Offices.
 - Once the deeds are collected, they will be processed and documented.
 - The Realty representative will perform the due diligence to contact landowners and receive permission before physically entering the property for the first time.
 - After the initial contact, if landowners request advance notification each time anyone will be on their property, the Realty representative will perform this notification in advance of CTL's or its project teaming partners entering the property.
 - The land descriptions within said deeds will then be plotted in a digital drafting drawing, under the supervision of a Professional Land Surveyor licensed in the State of West Virginia to determine if boundary conflicts may exist. The interpretations of said land descriptions will not be accompanied by any site visits or field work at this stage of the project.
 - Findings will be documented.
 - This scope also includes weekly reporting, uploading submissions, deeds EROE, CROE, questionnaires and project deliverable documents into AMLNET.
 - Participate in an in-person and/or virtual design review meetings as needed (i.e., 30%, 60 % and 90%).

- Interviewing owners of tracts of land deemed necessary for final design and construction using the WVDEP – DLR – Questionnaire.
 - This task will be performed in person, by two people at the landowners' residence or a neutral site. Site preference will be the landowners' unless there is a realistic need to be at their residence such as identifying the location of a specific area of interest on their property.
 - An inquiry will be made into any specific interests the landowner may have regarding their property. This includes, but is not limited to, where vehicles are to access the property and operate thereupon, if certain vegetation is not to be disturbed, and depending on the results of the Questionnaires, a EROE-Lien/CROE-Lien form may be required and the scope includes these.
 - The completed questionnaires will be provided to WVDEP via AMLNET.
- Exploratory Rights of Entry (EROE) will be obtained on tracts of land identified as necessary for final design and construction.
 - These rights will be obtained via the "Exploratory – NL" document provided by the WVDEP.
 - This document will include the signature(s) of the landowners, be done in person (if possible) and notarized at no additional expense to the State.
 - The signed and notarized EROE's, along with proof of ownership (courthouse research), will be provided simultaneously to the WVDEP.
 - If, and only if, a landowner asks to be listed as an additional insured prior to entering into any agreement, they will be listed as such.
- A site visit will be made by a Realty representative during the exploratory conference phase to plan construction needed and logistics.
- Construction Rights of Entry (CROE) will be obtained on tracts of land identified as necessary for final design and construction.
 - These rights will be obtained via the "Construction – NL" document provided by the WVDEP.
 - Courthouse research will be conducted again at this time to verify ownership of the parcel(s) due to the time lapse between the EROE and the CROE.
 - This document will include the signature(s) of the landowners, be performed in person (if possible), by two people and notarized at no additional expense to the State.
 - The signed and notarized CROE's will be provided to WVDEP.
- A site visit will be made by a Realty representative during the construction conference phase to discuss the final construction plan and logistics.
- A site visit will be made by a Realty representative during the 30% completed plan conference phase of the construction cycle.
- A site visit will be made by a Realty representative during the 60% and 90% completed plan conference phase of the construction cycle.
- A site visit will be made by a Realty representative during the final plan review conference phase of the construction cycle.
- A daily log of the activities of the Realty Agent will be kept for records. These logs will only be kept on days worked on this project.

- A weekly report will be submitted to the project team detailing the activities and progress of these projects. This report will only be kept and submitted during weeks worked on this project and those will be included in the monthly reports.
- No commitments will be made by the Realty Agent, to the landowner(s), without first receiving approval from the WVDEP.
- It is understood that all landowners need to be signed for each given tract and the work is scoped out accordingly.

1.3. Task III – DESIGN

CTL understands that the design task includes the following sub-tasks:

A. Site Reconnaissance and Investigations

CTL and its Teaming Partners have reviewed the OSM-51 files, did the scoping site walks and/or initial design meetings for all eight (8) Problem Areas/Projects, discussed the particulars of each of the sites per the scoping/proposal requirement. These scoping sites walk campaigns took two (2) business days, and those are accounted in the fees included in this proposal. In addition, each of the main Tasks which are outlined in this proposal account the outlined and respective site assessment and investigation fees.

CTL also accounted hours and fees towards providing design, permitting and construction training or attending presentations at WVDEP Management request.

CTL will also prepare the project contact list (with project team member's email, cell phone, etc. so each team member can reach everybody in the project team) and also generate a tracking spreadsheet to maintain, and follow up on the action item lists, as needed.

This scope and fee include monthly reporting, uploading submissions, correspondence letters and project documents into AMLNET. This scope and fee also account videotaping the job sites (i.e., with time-lapsed drone videos) and photos before, during, and after construction. Videotaping the roads to be used by construction before and after is also accounted.

B. Surveying and Mapping

CTL and its Teaming Partner GPI understand that the Surveying and Mapping Task includes the following proposed scope of work, and will deliver on it accordingly:

- Will collect field information and prepare a topographic survey of the subject parcel in accordance with the West Virginia Board of Professional Surveyors Minimum Standards for topographic Surveys.
- All surveying deliverables will be signed, sealed, and dated by an active West Virginia Registered Professional Surveyor.
- Will establish horizontal and vertical control on the site. This includes overlaying the site on a USGS quad map, county highway map, an 811-ticket request for marking utilities within project area, surveying original ground features to create

an existing conditions basemap with two (2) foot contour intervals and ten (10) foot index contour intervals. Topographic mapping shall meet the National Standard for Spatial Data Accuracy (NSSDA) for Horizontal and Vertical accuracy if derived from aerial photography, satellite imagery, UAS photography or 3D LIDAR. Topographic mapping developed from conventional terrestrial survey or GPS survey methods shall meet NSPS MODEL STANDARDS FOR TOPOGRAPHIC SURVEYS Approved 3/12/02. Mapping will also include spot elevations in areas where contours do not accurately depict the topography. Data shall be referenced to the NAD83(2011) epoch 2010.00 reference frame using the North American Vertical Datum of 1988 (NAVD 88) with the GEOID 18 model and the West Virginia State Plane, North Zone with the units of measurement being collected and delivered in US Survey Feet. In summary these scopes will be provided per Section 3.12 of the Detailed Description of the Scope of Work.

- Will provide CTL with a CSV file (or other acceptable format) which will include the point number, the coordinates (Northing & Easting), the elevation, and a description.
- Will provide CTL with AutoCAD 2020 formatted surveying and surface drawings.
- Three (3) Survey Control Monuments (rebars with description and references) for all 8 WVDEP Project sites will be provided.
- Aerial Lidar Data Acquisition and Calibration
- Photogrammetric Mapping
- Topographic Surveys
- Public Utilities including 811 calls
- Observable Private Utilities
- Structures
- Fence Lines
- Tree Lines
- Property Corners
- Bodies of Water
- Portals and Mine Openings
- Garbage
- Hazardous Equipment and Facilities
- Coal Refuse Piles
- Ditches
- Culverts and Manholes
- Pavement or Roads (Public and Private)
- Check Sections
- Highwalls
- Subsidence
- Seeps
- Vertical Openings
- Boreholes
- Slides
- Gob Piles
- Sink Holes
- Layout the limits of disturbance/construction
- Designed Baselines – Start and End of each line
- Beginnings of potential/designed access points and paths
- Time Lapsed Drone Videos and photographs pre-construction, during construction, and post-construction

February 25, 2025

CTL Project No.: 24100004MORPPL

- Boundary surveys are not included within the scope.

C. Geotechnical Investigations

Field Testing

The geotechnical scope of work will vary by site. Test borings will be drilled at each site immediately following an 811-call made by CTL or their subcontractors. Evidence of the 811 calls will be kept for record. A summary of the type and number of the proposed test borings is provided in the following table.

Proj. ID/Commodity Line		Type and Number of Test Borings			
		Spoil	Borrow	Monitoring Well	Subsidence/Landslide
1	Albright (Fortney) Refuse and Structures	4	2	--	--
2	Cowger Highwall & Portals	10	--	--	4
3	Dotson Tipple Phase II	--	--	--	8
4	Granville (Buzzo) Clogged Stream	--	--	--	--
5	Jadot Highwall and Portals	6	--	4	--
6	Miller Highwall & Portal	--	3	--	--
7	Turner Highwall	8	2	--	--
8	West Run #2	8	--	3	--
Totals		36	7	7	12

The "Spoil" borings will be drilled to determine the depth of spoil at selected locations. The spoil borings will be augered and sampled down to auger refusal in bedrock. The borings will then be extended 5 feet into bedrock by means of rock coring. For the purpose of this proposal, it is assumed that the spoil borings will be extended to depths of 45 feet in soils and 5 feet in bedrock.

"Borrow" borings are planned at select locations if it is determined that the spoil thickness is not sufficient. The borrow borings will be extended to auger refusal. For the purpose of this proposal, it is assumed that the borrow borings will be extended to depths of 25 feet each for all sites except Miller Highwall & Portal. For the Miller Highwall and Portal site, it is assumed that the borrow borings will extend to depths of 45 feet each and 5 feet of rock coring will be performed in each of these borings.

The "Monitoring Well" borings will be drilled and cored down to a depth below the base of the highwall. Upon completion of drilling, the borings will be converted to standpipe piezometers, and protective covers with locking caps will be installed. For the purpose of this proposal, it is assumed that the monitoring well borings will be extended to an average depth of 50 feet.

The "Subsidence" borings (Cowger site) will be drilled on four sides of the existing residence. These borings will be extended down below the level of the coal seam and through any mine workings into the underlying bedrock. For the purpose of this proposal, it is assumed that these borings will be extended to an average depth of 50 feet.

“Landslide” borings will be drilled at the Dotson Tipple Phase II site. It is planned to drill a total of eight (8) test borings for this site. Borings will be drilled near the crest of the slope, along the mid-slope and near the toe of the slope. The borings will be extended to auger refusal and 5 to 40 feet of rock coring will be performed in each boring. Access to the mid-slope borings will require a bulldozer and operator to create an access path to the locations. Some additional earthwork will be required to create relatively flat working areas for the drill rig. Additional data will be collected for this site by means of geophysical testing.

Split spoon soil samples will be obtained at 5-foot intervals throughout the drilled depth. Upon encountering auger refusal, 5 feet of rock coring will be performed in the Spoil Borings.

Prior to performing the test borings at the Albright (Fortney) Refuse and Structures site, CTL will meet with WVDEP personnel to develop a plan to mitigate the potential for starting a fire during the field work. CTL will stake the boring locations and contact WV811 to mark public underground utilities in the vicinity of the test borings.

CTL plans on using track mounted drill rigs to perform the test borings. However, due to the steep terrain at most of the project sites, it is expected that a bulldozer and operator will be needed to provide access to the boring locations and to assist the drill rig across portions of the site. The cost for the bulldozer and operator is included in the Heavy Equipment item of the proposal spreadsheet.

Upon completion of drilling, the borings will be backfilled with auger cuttings. CTL will make a return visit to the site to determine if the boring backfill has settled. In such an event additional backfill will be added to the boreholes. Upon completion of field activities, the disturbed areas will be reclaimed. The reclamation will include regrading and placement of seed and straw. The geotechnical representative will coordinate with CTL’s Realty Teaming Partner about notification of landowners before going on their property.

Geophysical Testing (Dotson Tipple Phase II Site)

Due to the steep terrain in the vicinity of the existing landslide at the Dotson Tipple Phase II site, it is planned to perform geophysical testing to better define the subsurface conditions along the mid-slope.

The method of exploration proposed for this project is Two-Dimensional Electrical Resistivity Imaging (ERI). ERI is a non-destructive method which assess shallow geologic and groundwater conditions on the basis of the distribution of electrical resistivity of the subsurface materials. The electrical resistivity method has been used for decades to explore and characterize geologic conditions for engineering, hydrogeologic and environmental applications. Electrical resistivity profiling can be an effective method for shallow geologic profiling, particularly with the recent introduction of advanced computer-based data inversion techniques. This geophysical technique will delineate the depth to rock, identify the surface contours of the rock, identify the groundwater table, and indicate if anomalous features such as large voids and/or boulders that may be present. This technique should provide sufficient resolution to image subtle variations in the subsurface stratigraphy.

It is planned to perform two (2) ERI transects along the midslope portion of the site. The transects will extend for lengths on the order of 300 to 400 feet in length. Results of the ERI testing will be used

along with the test boring information to determine the general subsurface conditions in the vicinity of the landslide.

Laboratory Testing

Soil samples obtained from the field testing will be visually described in the field and laboratory and tested at a WVDEP-approved lab for natural moisture content. Representative soil samples will be subjected to additional laboratory testing including grain size analysis, Atterberg limits, and hand penetrometer.

At the Dotson Tipple Phase II site, representative rock core samples will be subjected to compressive strength laboratory testing.

Remember for the Albright (Fortney) Refuse and Structures site, several of the samples will be subjected to Proximate Analysis of Coal testing to determine the appropriate disposal method. The cost of the laboratory testing is included in this proposal.

Geotechnical Engineering and Reporting

Results of the field and laboratory testing will be used to determine the general subsurface conditions for each site and to provide recommendations for site preparation, earthwork, including recommended slope rates for highwall backfill and landslide repair. All of these items will be provided in written reports. Separate geotechnical reports will be prepared for each site.

For the Cowger site, the geotechnical report will also provide recommendations for mine grouting in the vicinity of the existing house.

For the Dotson Tipple Phase II site, the geotechnical report will provide alternatives for repair of the landslide.

Geotechnical Investigation Reports will need signed, sealed, and dated by a WV Professional Engineer. Please refer to **Section III** of this proposal about detailed schedule.

D. Analysis and Design:

CTL and its Teaming Partners propose to work on and deliver on the following, as stipulated in WVDEP's RFP requirements:

- The primary site reclamation design goal is to re-grade or backfill dangerous highwalls, steep spoil piles, bench areas, and hazardous water bodies within the respect OSM 51 delineated projects areas as provided by WVDEP-DLR-AML and observed and documented during the scoping sites walks of each site. This aim is to eliminate or minimize safety and health hazards to the public.
- Conceptual Engineering (30%) with clear LOD and identification of visually observable and identifiable utilities, permitting requirement and including a conceptual (30%) design review

meeting. Conceptual plans to include existing site conditions, including a dedicated sheet depicting existing condition existing contours, existing utilities and dedicated sheets showing the tax map overlay for the property. Mine mapping overlays, EROE list table, planned or actual boring locations.

- A preliminary (60%) design (Preliminary PS&E), including hydrologic and hydraulic analysis, E&S plans, cut / fill calculations, accounting any required geotechnical investigation reports and design recommendations, and a preliminary (60%) design review meeting. This will include preliminary design plans, preliminary specifications, an Engineer's Estimate for projected construction costs, and applicable details as shown in 3.20 of the Detailed Description of Services Required.
- A (90%) design package (PS&E) specifications and plans that will be signed and sealed by an active West Virginia Registered Professional Engineer, and a (90%) design review meeting.
- Participate in an in-person and/or virtual design review meetings as needed (i.e., 30%, 60 % and 90%).
- 100% Issued for Bid documents will also be signed and sealed by an active West Virginia Registered Professional Engineer and uploaded into AMLNET by CTL.
- Specifications, and Engineers Estimates

The following are additional line items/quantities that CTL accounted in its design and analysis scope. These line items were not included on the updated OSM 51 files provided to CTL by WVDEP-DLR-AML via electronic mail link, dated April 11, 2024, and these are added to this scope of work based on the joint scoping site meetings/walks performed on April 10 and 12, 2024.

Proj. ID/Commo. Line	Additional Items	Total Quantity	Comment
Project 1 - Albright (Fortney) Refuse and Structures	1 Drone flight to estimate coal volume 1 Coal/refuse Test for BTU	2	Pond and scale station/building to remain 3 or 4 option to take care of Coal/refuse: sell, truck away for disposal, bury, etc. Drone flight to estimate coal volume by CTL Sampling/BTU test/report by Markosky and CTL
Project 2 - Cowger	3 Small vertical openings, and	4	In-house basement/structure inspection/photo documentation; it

Highwall & Portals	1 in-house basement/ structure inspection prior to grouting		depends on willingness of house owner or landowner
Project 3 - Dotson Tipple Phase II	Map additional/ larger area outside the slip to stock pile material, waste bad material and/or dry the material.	1	Likely better to fly it w/Drone from bottom up-GPI 2 nd time around project Do it with fresh perspective with no as-built Dig and remove refuse from and unplug and restore stream
Project 4 - Granville (Buzzo) Clogged Stream)	Culvert/Pipe Camera Inspection	1	unplug and restore stream
Project 5 - Jadot Highwall and Portals	None	None	Large Diameter Stormwater pipe that drains to the highwall, not included in the scope
Project 6 - Miller Highwall & Portal	Soil sampling from shooting area, to analyze for Lead	Representative samples per WVDEP requirement 1 Access/ maintenance of traffic (MOT) plan for neighbors, during construction	Sampling and testing Task is WVDEP's internal/planning team (per comment from WVDEP) MOT - CTL
Project 7 - Turner Highwall	None	None	
Project 8 - West Run #2	None	None	

E. Permitting: the scope of work for permitting:

These includes preparation of the necessary construction permit applications such as:

- WVDEP DWWM NPDES CSW General Permit Registration via the ESS,

- USACE 404 Permit: following environmental clearance and 90% project design, we will prepare a Regional General Permit (RGP) for Abandoned Mine Lands for submission to the USACE Pittsburgh District for Section 404 approval.
 - Will prepare ENG Form 6082 and include a location map. Design plan sheets and cross-sections will be provided by CTL's design team.
 - Prepare and submit a Pre-Construction Notification (PCN) with all required supporting documentation.
 - Coordinate and notify appropriate resource agencies including for the NPDES / WVDEP stormwater, MM-109, WVDNR, and possibly the WV Bureau of Health, as required.
 - Determine the amount of mitigation required based on 90% design plans, if required. WVDEP will determine the method of mitigation that will be carried forward and handle coordination related to Mitigation Banking or In-Lieu Fee programs.
 - The SWPPP, Calculations and narratives that support it will be prepared by a WV Professional Engineer and then signed, sealed, and dated accordingly.
 - This scope also includes permit terminations support with CTL's office staff making the termination requests.
 - Will schedule and attend one (1) pre-application meeting with WVDEP, WVDNR, USACE, prior to finalizing the permit application.
 - Prepare meeting minutes documenting discussions and decisions made during pre-application meeting.
 - Submit draft permit application to WVDEP for review and approval.
 - MM-109, WVDOH consultations and preparation of Right-of-Way Encroachment Permit Application(s), Form MM-109, and obtain permit(s).
 - County / City consultations and permit preparation for county or city-specific permits such as Floodplain,
 - Prepare WV Division of Natural Resources (WVDNR) Office of Land and Streams consultation(s) and preparation of Stream Activity permit(s) Application for submission.
 - WVDEP will provide contractor information required for Section 3. Authorized Agent Information.
 - Submit draft application to WVDEP for review and approval.
 - WV Bureau of Health consultation and permit preparation
 - This scope and fee also include monthly reporting, uploading submissions, correspondence letters and project permit documents into AMLNET.
1. Pre-bid Conference (PBC): attend pre-bid conferences as required, lead the on-site PBC
 2. Pre-Construction Conference: conduct the pre-construction conferences as required, complete the Construction Notice to Proceed letter and submit to WVDEP-DLR-AML.

1.4. Task IV - CONSTRUCTION OVERSIGHT

CTL's Construction Oversight scope of work includes Daily Inspection with documentation for the duration of the Construction and through the construction warranty period and until final release,

Engineering Oversight / Support, review, and approval contractors request for information. Inspection and oversight on the construction and installation of the items detailed in the design scope.

CTL assumes:

- 12 weeks each construction duration applies to the following projects: Project 1 - Albright (Fortney) Refuse and Structures, Project 4 - Granville (Buzzo) Clogged Stream, Project 6 - Miller Highwall & Portal, and Project 7 - Turner Highwall.
- 14 weeks each construction duration applies to the following project: Project 2 - Cowger Highwall & Portals, and
- 16 weeks each construction duration applies to the following projects: Project 3 - Dotson Tipple Phase II, Project 5 - Jadot Highwall and Portals and Project 8 - West Run #2.
- The above assumptions are consistent with the hours referenced in the fee/cost for the field work, for training of on-site personnel and for the "Office Work / AMLNET" support of this scope, based the Bipartisan Infrastructure Law Training Slide Decks dated March 2024 and that was received via electronic email from Mr. Curry on December 17, 2024.

CTL will provide the following personnel and services for construction oversight;

- Project Inspector on a daily basis during construction (12 hours per day, 6 days per week)
- Senior Construction Manager on a daily basis during construction (average 4 hours per day, 6 days per week) plus additional hours have been allocated, on a project-by-project basis, for on-site training and resolving construction disputes.
- Construction Project Manager coordination/oversight on a weekly basis for construction activities (average 1 hour per day, 6 days per week) plus additional hours have been allocated, on a project-by-project basis, for on-site training and resolving construction disputes.
- Senior Construction Manager and Construction Project Manager on-site meeting and for training of on-site personnel and attending presentations at WVDEP Management request, during the respective construction durations have all been included in the above.
- The Senior Construction Manager could fill in for any individual inspector in the event of an emergency, vacation or sick leave and coordinate work flow, to help everything flow and keep everything consistent between jobs.
- Preparation of daily inspector reports with digital photos documenting project issues and key elements of the work. This includes environmental inspections & forms that may be required as a condition of the stormwater permit.
- Take measurements, and document to help quantity determinations to assist in project pay application review and close-out reports.

- Performing quality control inspections and monitoring compliance with contract requirements;
- Coordinating with WVDEP to resolve project issues efficiently and effectively,
- The experience, qualifications, and responsibility level of construction inspector (i.e., Project inspector) that will be assigned to this project is highlighted in the detailed resume that was submitted with CTL's qualification. CTL accounts one pay scale for construction inspector (i.e., Project inspector). CTL's construction inspector (i.e., Project inspector), has years of construction inspection experience with multiple certifications, and is expected to work hand in hand with the project manager/senior engineer to inspect, document, and communicate site construction activities. CTL will submit resumes / reference lists for their inspection personnel at least 1 month in advance of when the personnel would be needed for WVDEP to review.
- CTL's Construction oversight services include; approval of contractor-provided as-builts, and Final Engineer's Certification Report of the project.
- CTL's Inspector and Construction Managers/Supervisors will provide the construction oversight services outlined under 4.1-4.22 in the Detailed Description of Services Required by WV DEP.

1.5.Task V - POST-CONSTRUCTION OVERSIGHT

CTL Inspector will attend the warranty release meeting when the NOT is requested as outlined under 4.21 in the Detailed Description of Services Required by WV DEP., and CTL will complete the Bond Release document and submit to WVDEP-DLR-AML for signature and processing. During the warranty period monthly (or at least what is required by permit, whichever is more) inspections of the project site will be completed by the project inspector until the NOT has been issued.

CTL will provide the following personnel and services for post - construction oversight;

- Construction Project Manager
- Senior Construction Manager
- Construction Inspector

Stipulations:

- All aspects of the project including Construction Oversight will be performed by CTL or their agents in compliance with the Davis-Bacon Act, Infrastructure Investment and Jobs Act (IIJA) (including surveys of employment for current and former employees of the coal industry and any required Environmental Justice reporting), BABA compliance with purchased materials, prevailing wage rates, etc., where applicable.
- All documents prepared by a Professional Engineer, including but not limited to Plans, Specifications, Stormwater Pollution Prevention Plan (SWPPP), Calculations, Briefs, Geotechnical Investigation Reports will be signed, sealed, and dated by an active West Virginia Registered Professional Engineer.

- All surveying deliverables will be signed, sealed, and dated by an active West Virginia Registered Professional Surveyor.
- The electronic portion of the final design deliverables to the WVDEP-DLR-AML will include both PDFs and CAD files (in AutoCAD 2020 format or WVDEP-DLR-AML accepted later edition).
- The deliverables will be ANSI D-Size (22"x34") sets of the plans.
- Both electronic (USB / CD and email / Google Drive) and physical copies will be transmitted to the WVDEP-DLR-AML as a part of the final design and documents deliverables. Number of physical copies to be determined on a project-by-project basis. All deliverables to be uploaded into AMLNET (WVDEP-DLR-AML online record-keeping database).
- CTL understands that WVDEP-DLR-AML has the right to remove any employee or subcontractor of the successful A/E firm from any project-related site, at the WVDEP-DLR-AML's sole discretion for any reason, and request that an equivalent or better replacement be provided at any time, at no additional cost to the State. Violence, harassment, theft, illegal drug use, on-site intoxication, or other unprofessional behavior will not be tolerated.
- At the end of construction CTL will provide a final certification (signed, sealed, and dated by an active West Virginia Registered Professional Engineer) of the project to the WVDEP-DLR-AML certifying that the construction was performed in accordance with the Plans and Specifications.
- The construction and post-construction Oversight scope and projected fee were revised and scoped out based the Bipartisan Infrastructure Law Training Slide Decks dated March 2024 and that was received via electronic email from Mr. Curry on December 17, 2024.

Assumptions:

- CTL and its Teaming Partners assume all existing information pertaining to the project, including but not limited to the following will be provided to us by WVDEP-DLR-AML upon our request and follow-up:
 - Prior project as-builts (if applicable),
 - Example plans / typical details, example specification(s),
 - Disclaimer language to be inserted into the specifications for boring,
 - Pay Application Template,
 - Pre-Bid Conference (PBC) addendum template,
 - Construction Notice to Proceed (NTP) Letter template,
 - Construction Date Certification Form template,
 - Certification of Construction form template, status report template,

- Current State of West Virginia's approved (and current) National Pollutant Discharge Elimination System (NPDES) Construction Stormwater (CSW) General Permit (WV0115924),
- US Army Corps of Engineers (USACE) Regional General Permit (RGP) for WVDEP-DLR-AML Revised 11/28/2023 (expires 11/28/2028; permit# LRH-2022-932).
- Any other information WVDEP-DLR-AML believes to be useful and that WVDEP-DLR-AML may be able to provide,
- Example of a complete, approved EA Form with appendices generated for OSM review, and
- Example of an approved USACE 404 permit application for AML projects.

2. FEE/COST BREAKDOWN

Based on the scope of work, requirements and stipulations described above, the fee for providing the professional consulting services are as follows:

2.1.Fee /Cost Breakdown Per Task, ALL/Eight (8) Problem Areas/Projects

Task	DESCRIPTION (Project Name)	Total Task Fee
I (Proj./Commodity Lines 1 to 8)	NEPA and ESA	\$1,078,702.00
II (Proj./Commodity Lines 1 to 8)	Realty	\$1,065,589.75
III (Proj./Commodity Lines 1 to 8)	Design (Civil, Survey and Geotech)	\$2,989,421.25
IV (Proj./Commodity Lines 1 to 8)	Construction Oversight	\$1,893,668.00
V (Proj./Commodity Lines 1 to 8)	Post-Construction Oversight	\$359,410.00
Grand Total Fee		\$7,386,791.00

2.2. Fee /Cost Breakdown Per Problem Areas/Projects

Proj. ID/Commod. Line	DESCRIPTION (Project Name)	Total Project Fee
1	Project 1 - Albright (Fortney) Refuse and Structures	\$867,334.25
2	Project 2 - Cowger Highwall & Portals	\$988,164.75
3	Project 3 - Dotson Tipple Phase II	\$1,043,368.00
4	Project 4 - Granville (Buzzo) Clogged Stream	\$766,945.75
5	Project 5 - Jadot Highwall and Portals	\$1,067,063.00
6	Project 6 - Miller Highwall & Portal	\$777,464.50
7	Project 7 - Turner Highwall	\$839,301.25
8	Project 8 - West Run #2	\$1,037,149.50
Grand Total Fee		\$7,386,791.00

- CTL will invoice for actual services provided in accordance with the outlined Task/Cost Breakdown schedule above, on a time and material and a **not-to-exceed** basis.
- Hours not worked, and costs not incurred, will not be billed
- The proposed labor and equipment rates are locked in for the duration of the contract
- The rates are flat rates. The state will not be billed higher rates for overtime.
- Detailed Fee/Breakdowns/Details with Labor and Unite Rates For Tasks I-V for all Sites are also included in **Attachments A** of this proposal.

3. SCHEDULE

The project scoping and coordination activities for this project have commenced on March 1, 2024, with a projected completion date of December 31, 2026. The proposed labor and equipment rates have been adjusted accordingly and are fixed for this general timeframe.

However, the fees for each task and project are calculated based on our projected time to complete them, as detailed in the 'Detailed Fee/Breakdowns/Details with Labor and Unit Rates.

CTL and its Teaming Partners understand that **Project 4 - Granville (Buzzo) Clogged Stream** is the highest priority, followed by the following **PRIORITY 2** projects: Project 1 - Albright (Fortney) Refuse and Structures, Project 2 - Cowger Highwall & Portals, Project 3 - Dotson Tipple Phase II, Project 5 - Jadot Highwall and Portals, Project 6 - Miller Highwall & Portal, Project 7 - Turner Highwall, and Project 8 - West Run #2.

Upon receipt of the purchase order and Notice to Proceed (NTP), CTL and its teaming partners will collaborate with you to prioritize, execute, and deliver the tasks and projects to meet the project schedule.

CTL and its Teaming Partners will also provide actual and more detailed schedule and kickoff meeting outlines per Sections 3.5 and 3.6 in the Detailed Description of the Scope of Work. The schedule and the kickoff meeting and the action item lists from it will be generated and will be regularly updated throughout the project. To provide a preliminary framework, we have developed the following scope, milestones, and schedule, outlining the primary tasks within the assumed project timeframe.

Scope/Milestone	Start Date	End Date
I. Scoping/Site Walk/Meeting, Scope and Fee Review and Adjustment	3/1/2024	02/28/2025
<ul style="list-style-type: none"> • Review project objectives and requirements • Conduct site assessments • Gather data on existing/observable conditions • Identify stakeholders/needs • Develop project scope/fee and schedule for approval 		
II. Upfront Services (NEPA and ESA, REALTY, SURVEYING & MAPPING, GEOTECHNICAL, CONCEPTs)	NTP	6/30/2025
<ul style="list-style-type: none"> • Agency coordination/conduct detailed site evaluation/investigation and data collection • Analyze data, coordinate and identify design alternatives/options • Develop conceptual design/site layout (30 %) • Identify applicable regulatory requirements and prepare permit docs • Coordinate and Communicate Engineer's Progress Reports • Review Meetings • Identify, communicate and solve potential project challenges 		
III. Preliminary Design/Engineering, Geotechnical Reporting, Potential Bat Roost Tree Assessments	6/30/2025	12/15/2025
<ul style="list-style-type: none"> • Develop preliminary designs, adjust according to study findings (60%) • Evaluate pros and cons of design alternatives • Conduct preliminary engineering analysis (hydrologic and hydraulic analysis, E&S plans, cut / fill calculations) • Discuss preliminary designs with WV DEP's review/input meeting • Proceed with the preferred/optimal design for further development with WV DEP's inputs 		
IV. Final Design	12/15/2025	3/15/2026
<ul style="list-style-type: none"> • Develop detailed design drawings and specifications (90%) • Conduct final engineering analysis • Develop necessary permits packages for approvals (EA Documents, WV DNR Stream Activity Permits, etc.) • Prepare construction documents • Coordinate with stakeholders on permit activities • Finalize plans/design package (PS&E) specifications WV DEP's final inputs 		

V. Construction Documents and Project Files (100% Issued for Bid documents)	4/17/2026	5/14/2026
<ul style="list-style-type: none"> • Prepare construction documents and compile the forms and information needed to properly bid and complete the Project • Coordinate on construction documents with WV DEP • Fill out and process Bid Ready Documents Transmittal • Scan hard copies and organize digital files within project folder structure • Prepare and deliver signed and sealed sets of Construction Documents 		
VI. Pre-bid meeting, Addenda, and Bid Review	6/14/2026	6/26/2026
<ul style="list-style-type: none"> • Attend Pre-bid Conference (PBC) • Lead the on-site PBC, Issue clarification and addenda to bid documents • Conduct the pre-construction conferences • Complete the Construction Notice to Proceed letter and submit to WV DEP 		
VII. Construction and Post-Construction Oversight	7/12/2026	12/31/2026
<ul style="list-style-type: none"> • Conduct Daily Inspection with documentation for the duration of the Construction • Preparation of daily inspector reports with digital photos • Take measurements and documenting to help quantity determinations • Coordinating with WV DEP to resolve project issues efficiently and effectively 		

4. CLOSING

We appreciate the opportunity to submit this proposal and look forward to working with you on this project. If you have any questions or need further information, please do not hesitate to contact our offices either at (304) 292-1135 or (614) 276-8123.

Respectfully submitted

CTL Engineering of West Virginia, Inc.



Ababu Gelaye, M.S, CPESC, P.G. | Project Manager
Civil Engineer | Civil/Site Design & Surveying



Joe Stanley
Assistant Project Manager

Enclosure: Attachments A – Fee/Breakdowns/Details For Tasks I-V for all Sites

Attachments A – Fee/Breakdowns/Details For Tasks I-V for all Sites

OFFICE OF ABANDONED MINE LANDS AND RECLAMATION
APPLICATION AND CERTIFICATE FOR PAYMENT

TO: WV DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF ABANDONED MINE LANDS AND RECLAMATION
1000 Technology Drive, Suite 3220
Fairmont, WV 26554

ATTN: Troy Schell and John H Curry

VENDOR: CTL Engineering of WV, Inc.

ADDRESS: 1091 Chaplin Hill Rd
Morgantown, WV 26501

REMIT ADDRESS: Same as above

APPLICATION NUMBER: 1

PUR. ORD NO.: CPO DEPxx*xx

CONTRACT NAME: 2023 AML Contract N3

OASIS VENDOR CUSTOMER NUMBER: 000000204737

COMMODITY LINE	CTL PROPOSAL NO.:	DESCRIPTION (Project Name)	AMOUNT DUE THIS INVOICE
1	24100004MORPPL	Project 1 - Albright (Fortney) Refuse and Structures	\$867,334.25
2	24100004MORPPL	Project 2 - Cowger Highwall & Portals	\$988,164.75
3	24100004MORPPL	Project 3 - Dotson Tipple Phase II	\$1,043,368.00
4	24100004MORPPL	Project 4 - Granville (Buzzo) Clogged Stream	\$766,945.75
5	24100004MORPPL	Project 5 - Jadot Highwall and Portals	\$1,067,063.00
6	24100004MORPPL	Project 6 - Miller Highwall & Portal	\$777,464.50
7	24100004MORPPL	Project 7 - Turner Highwall	\$839,301.25
8	24100004MORPPL	Project 8 - West Run #2	\$1,037,149.50
		TOTAL FEE	\$7,386,791.00

DATES OF SERVICE: FROM 1-Mar-24 TO 31-Dec-26

DATE OF APPLICATION FOR PYMT: _____

INVOICE TYPE: REG ☒
NO. _____

ALL WORK IS COMPLETE AND THIS IS THE FINAL INVOICE ON THIS CONTRACT:
YES ☐ NO ☐

ORIGINAL CONTRACT SUM 7,386,791.00
NET CHANGE BY CHANGE ORDERS 0.00
TOTAL CONTRACT SUM TO DATE 7,386,791.00
TOTAL BILLED TO DATE 0.00
LESS PREVIOUS PAYMENT TO DATE 0.00
CURRENT PAYMENT DUE 0.00

% COMPLETE: 0.00 0.00%
7,386,791.00

SIGNATURES:

REALTY REPRESENTATIVE

DESIGN REPRESENTATIVE

PLANNING REPRESENTATIVE

CONSTRUCTION REPRESENTATIVE

AML REPRESENTATIVE

The undersigned Vendor certifies that the work covered by this Application for Payment has been completed in accordance with the Contract Documents and that the current payment shown herein is now due.

VENDOR SIGNATURE (BLUE INK ONLY)

VENDOR PRINTED NAME

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION														
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT														
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 2 of 71 Pages					
Contract Name: 2023 AML Contract N3														
Commodity Line: 1														
Project Name: Project 1 - Albright (Fortney) Refuse and Structures						WORK COMPLETED								
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE				
TASK	DESCRIPTION				UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST		
TASK 1: NEPA & ESA (CONTINUED)														
F		DESIGN REVIEW, PRE-BID AND PRE-CONSTRUCTION MEETINGS												
	1	Senior Environmental Specialist			HR	60	\$180.00	\$10,800.00		\$0.00		\$0.00	0.0	\$0.00
	2	Environmental Specialist II / Archaeologist Specialist II			HR	60	\$135.00	\$8,100.00		\$0.00		\$0.00	0.0	\$0.00
G		USACE 404/401 PERMITTING												
	1	Senior Environmental Specialist			HR	61	\$180.00	\$10,980.00		\$0.00		\$0.00	0.0	\$0.00
	2	Environmental Specialist II / Archaeologist Specialist II			HR	30	\$135.00	\$4,050.00		\$0.00		\$0.00	0.0	\$0.00
	3	Environmental Specialist I / Archaeologist Specialist I			HR	71	\$100.00	\$7,100.00		\$0.00		\$0.00	0.0	\$0.00
	4	Project Support Specialist			HR	2	\$95.00	\$190.00		\$0.00		\$0.00	0.0	\$0.00
	5	Mileage			Mile	520	\$0.75	\$390.00		\$0.00		\$0.00	0.0	\$0.00
H		WVDNR STREAM ACTIVITY PERMIT												
	1	Senior Environmental Specialist			HR	2	180	\$360.00		\$0.00		\$0.00	0.0	\$0.00
	2	Environmental Specialist II / Archaeologist Specialist II			HR	2	135	\$270.00		\$0.00		\$0.00	0.0	\$0.00
	3	Environmental Specialist I / Archaeologist Specialist I			HR	3	100	\$300.00		\$0.00		\$0.00	0.0	\$0.00
	4	Project Support Specialist			HR	2	\$95.00	\$190.00		\$0.00		\$0.00	0.0	\$0.00
							SUBTOTAL PAGE 2 COST	\$42,730.00	SUBTOTAL PAGE 2 PREVIOUS	\$0.00	SUBTOTAL PAGE 2 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 2 TO DATE	\$0.00
							SUBTOTAL TASK 1 COST	\$125,785.00	SUBTOTAL TASK 1 PREVIOUS	\$0.00	SUBTOTAL TASK 1 APPLICATION	\$0.00	SUBTOTAL TASK 1 TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Purchase Order No.: CPO DEPxx*xx						Application No.: 1		Page 3 of 71 Pages				
Contract Name: 2023 AML Contract N3												
Commodity Line: 1												
Project Name: Project 1 - Albright (Fortney) Refuse and Structures												
SCHEDULE PER CONTRACT						WORK COMPLETED						
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	PREVIOUS UNITS	PREVIOUS BILLED COST	THIS APPLICATION UNITS	AMOUNT DUE THIS APPLICATION COST	TOTAL BILLED TO DATE UNITS	TOTAL BILLED TO DATE COST	
TASK II: REALTY												
A	Exploratory Rights of Entry (EROE)											
1	Realty Project Manager	HR	8	\$215.00	\$1,720.00		\$0.00		\$0.00	0.0	\$0.00	
2	Realty Agent						\$0.00		\$0.00	0.0	\$0.00	
a	Courthouse Work	HR	12	\$175.00	\$2,100.00		\$0.00		\$0.00	0.0	\$0.00	
b	Questionnaire/Landowner Corres.	HR	63	\$175.00	\$11,025.00		\$0.00		\$0.00	0.0	\$0.00	
c	Field Recon. /Landowner Corres. (Senior Engineer)	HR	87	\$215.00	\$18,705.00		\$0.00		\$0.00	0.0	\$0.00	
d	Field Recon. /Landowner Corres. (Realty Agent)	HR	87	\$175.00	\$15,225.00		\$0.00		\$0.00	0.0	\$0.00	
e	Realty Office Work / AMLNET	HR	44	\$130.00	\$5,720.00		\$0.00		\$0.00	0.0	\$0.00	
f	Daily Reports	HR	52	\$175.00	\$9,100.00		\$0.00		\$0.00	0.0	\$0.00	
g	Weekly Reports	HR	7	\$175.00	\$1,225.00		\$0.00		\$0.00	0.0	\$0.00	
3	Mileage	Mile	4755	\$0.75	\$3,566.25		\$0.00		\$0.00	0.0	\$0.00	
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00	
a	Realty SubLodging	Day	25	\$107.00	\$2,675.00		\$0.00		\$0.00	0.0	\$0.00	
b	Realty Sub Meals	Day	32	\$59.00	\$1,888.00		\$0.00		\$0.00	0.0	\$0.00	
B	Construction Rights of Entry (CROE)						\$0.00		\$0.00	0.0	\$0.00	
1	Realty Project Manager	HR	8	\$215.00	\$1,720.00		\$0.00		\$0.00	0.0	\$0.00	
2	Realty Agent				\$0.00		\$0.00		\$0.00	0.0	\$0.00	
a	Courthouse Work	HR	12	\$175.00	\$2,100.00		\$0.00		\$0.00	0.0	\$0.00	
b	Field Recon. /Landowner Corres. (Senior Engineer)	HR	87	\$215.00	\$18,705.00		\$0.00		\$0.00	0.0	\$0.00	
c	Field Recon. /Landowner Corres. (Realty Agent)	HR	87	\$175.00	\$15,225.00		\$0.00		\$0.00	0.0	\$0.00	
d	Realty Office Work / AMLNET	HR	44	\$130.00	\$5,720.00		\$0.00		\$0.00	0.0	\$0.00	
e	Daily Reports	HR	36	\$175.00	\$6,300.00		\$0.00		\$0.00	0.0	\$0.00	
f	Weekly Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00	
3	Mileage	Mile	3300	\$0.75	\$2,475.00		\$0.00		\$0.00	0.0	\$0.00	
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00	
a	Realty Sub Lodging	Day	19	\$107.00	\$2,033.00		\$0.00		\$0.00	0.0	\$0.00	
b	Realty Sub Meals	Day	24	\$59.00	\$1,416.00		\$0.00		\$0.00	0.0	\$0.00	
					SUBTOTAL PAGE 3 COST	\$129,343.25	SUBTOTAL PAGE 3 PREVIOUS	\$0.00	SUBTOTAL PAGE 3 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 3 TO DATE	\$0.00

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION												
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT												
Purchase Order No.: CPO DEPxx*xx						Application No.: 1				Page 4 of 71 Pages		
Contract Name: 2023 AML Contract N3						WORK COMPLETED						
Commodity Line: 1												
Project Name: Project 1 - Albright (Fortney) Refuse and Structures												
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE		
TASK	DESCRIPTION		UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK II: REALTY (CONTINUED)												
C		Pre-Bid Conference										
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	Mile	850	\$0.75	\$637.50		\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem										
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
D		Pre-Construction Conference										
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	Mile	850	\$0.75	\$637.50		\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem				\$0.00		\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
E		30% In Person Plan Review										
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	Mile	850	\$0.75	\$637.50		\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
					SUBTOTAL PAGE 4 COST	\$21,622.50	SUBTOTAL PAGE 4 PREVIOUS	\$0.00	SUBTOTAL PAGE 4 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 4 TO DATE	\$0.00
AML-7A (Revised 12/6/2013)												

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Purchase Order No.: CPO DEPxx*xx

Application No.: 1

Page 5 of 71 Pages

Contract Name:	2023 AML Contract N3
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Commodity Line:	1
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Project Name:	Project 1 - Albright (Fortney) Refuse and Structures
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WORK COMPLETED	
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PREVIOUS

PREVIOUS BILLED

THIS

AMOUNT DUE THIS	
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TOTAL BILLED TO DATE	
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TASK		DESCRIPTION		UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK II: REALTY (CONTINUED)													
F		90% Virtual Plan Review											
	1	Realty Project Manager		HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
	2	Realty Agent		HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports		HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports		HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	3	Milage		Mile	850	\$0.75	\$637.50		\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem							\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging		Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals		Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
G		Final Plan Review											
	1	Realty Project Manager		HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
	2	Realty Agent		HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports		HR	4.00	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports		HR	2.00	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	3	Milage		Mile	850.00	\$0.75	\$637.50		\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem							\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging		Day	2.00	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals		Day	4.00	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
H		Direct Costs							\$0.00		\$0.00	0.0	\$0.00
	1	Fees		Each	1500.00	\$1.00	\$1,500.00		\$0.00		\$0.00	0.0	\$0.00

\$15,915.00

\$0.00

**SUBTOTAL
PAGE 5 THIS
APPLICATION**

APPLICATION	
SUBTOTAL	

**SUBTOTAL
PAGE 5 TO DATE**

	SUBTOTAL	
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\$166,880.75

\$0.00

SUBTOTAL
TASK II
APPLICATION

	SUBTOTAL TASK II TO DATE
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WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION													
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT													
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 6 of 71 Pages				
Contract Name: 2023 AML Contract N3													
Commodity Line: 1													
Project Name: Project 1 - Albright (Fortney) Refuse and Structures						WORK COMPLETED							
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE			
TASK	DESCRIPTION				UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	
TASK III: DESIGN													
A			SITE RECONNAISSANCE AND INVESTIGATIONS										
	1	Project Manager / Senior Engineer			HR	50	\$250.00	\$12,500.00	\$0.00	\$0.00	0.0	\$0.00	
	2	Mileage			Mile	440	\$0.75	\$330.00	\$0.00	\$0.00	0.0	\$0.00	
	3	Per Diem			Day	8	\$55.00	\$440.00	\$0.00	\$0.00	0.0	\$0.00	
B			SURVEYING & MAPPING										
	1	Survey Project Manager			HR	12	\$125.00	\$1,500.00	\$0.00	\$0.00	0.0	\$0.00	
	2	Administration			HR	5	\$75.00	\$375.00	\$0.00	\$0.00	0.0	\$0.00	
	3	Staff Engineer			HR	5	\$170.00	\$850.00	\$0.00	\$0.00	0.0	\$0.00	
	4	Professional Surveyor / Chief Surveyor			HR	54	\$125.00	\$6,750.00	\$0.00	\$0.00	0.0	\$0.00	
	5	Survey Crew			HR	276	\$178.75	\$49,335.00	\$0.00	\$0.00	0.0	\$0.00	
	6	CADD Technician			HR	75	\$110.00	\$8,250.00	\$0.00	\$0.00	0.0	\$0.00	
	7	Drafter			HR	70	\$125.00	\$8,750.00	\$0.00	\$0.00	0.0	\$0.00	
	8	Aerial Lidar Data Acquisition and Calibration			LS	1	\$3,060.00	\$3,060.00	\$0.00	\$0.00	0.0	\$0.00	
	9	Albright Photogrammetric Mapping			LS	1	\$4,947.00	\$4,947.00	\$0.00	\$0.00	0.0	\$0.00	
	10	Mileage			Mile	1240	\$0.75	\$930.00	\$0.00	\$0.00	0.0	\$0.00	
	11	Albright Supplies			LS	1	\$375.00	\$375.00	\$0.00	\$0.00	0.0	\$0.00	
	12	Time-lapsed drone Videos and Photos			Each	3.00	\$5,000.00	\$15,000.00	\$0.00	\$0.00	0.0	\$0.00	
SUBTOTAL PAGE 6 COST							\$113,392.00	SUBTOTAL PAGE 6 PREVIOUS	\$0.00	SUBTOTAL PAGE 6 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 6 TO DATE	\$0.00
AML-7A (Revised 12/6/2023)													

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Page 7 of 71 Pages

Commodity Line: 1

WORK COMPLETED

TOTAL BILLED TO DATE

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION														
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT														
Purchase Order No.: CPO DEPxx+xx						Application No.: 1			Page 8 of 71 Pages					
Contract Name: 2023 AML Contract N3														
Commodity Line: 1														
Project Name: Project 1 - Albright (Fortney) Refuse and Structures						WORK COMPLETED								
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE				
TASK	DESCRIPTION				UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST		
TASK III: DESIGN (CONTINUED)														
E		PREPARATION OF PLANS, SPECIFICATIONS AND ENGINEERS ESTIMATE												
	1	Project Manager / Senior Engineer				HR	44	\$250.00	\$11,000.00	\$0.00	\$0.00	0.0	\$0.00	
	2	Geotechnical Engineer				HR	8	\$250.00	\$2,000.00	\$0.00	\$0.00	0.0	\$0.00	
	3	Engineer				HR	120	\$190.00	\$22,800.00	\$0.00	\$0.00	0.0	\$0.00	
	4	Drafter				HR	50	\$125.00	\$6,250.00	\$0.00	\$0.00	0.0	\$0.00	
F		PERMITTING												
	1	Project Manager / Senior Engineer				HR	60	\$250.00	\$15,000.00	\$0.00	\$0.00	0.0	\$0.00	
	2	Engineer / Environmental Scientist				HR	80	\$160.00	\$12,800.00	\$0.00	\$0.00	0.0	\$0.00	
G		PRE-BID CONFERENCE												
	1	Project Manager / Senior Engineer				HR	10	\$250.00	\$2,500.00	\$0.00	\$0.00	0.0	\$0.00	
	2	Mileage				Mile	90	\$0.75	\$67.50	\$0.00	\$0.00	0.0	\$0.00	
	3	Per Diem				Day	2	\$55.00	\$110.00	\$0.00	\$0.00	0.0	\$0.00	
H		PRE-CONSTRUCTION CONFERENCE												
	1	Project Manager / Senior Engineer				HR	10	\$250.00	\$2,500.00	\$0.00	\$0.00	0.0	\$0.00	
	2	Design Construction Inspector				HR	10	\$125.00	\$1,250.00	\$0.00	\$0.00	0.0	\$0.00	
	3	Mileage				Mile	180	\$0.75	\$135.00	\$0.00	\$0.00	0.0	\$0.00	
						SUBTOTAL PAGE 8 COST		\$76,412.50	SUBTOTAL PAGE 8 PREVIOUS	\$0.00	SUBTOTAL PAGE 8 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 8 TO DATE	\$0.00
						SUBTOTAL TASK III COST		\$311,572.50	SUBTOTAL TASK III PREVIOUS	\$0.00	SUBTOTAL TASK III APPLICATION	\$0.00	SUBTOTAL TASK III TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION											
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT											
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 9 of 71 Pages		
Contract Name: 2023 AML Contract N3											
Commodity Line: 1											
Project Name: Project 1 - Albright (Fortney) Refuse and Structures						WORK COMPLETED					
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION		UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	
TASK IV: CONSTRUCTION OVERSIGHT											
A		Construction Inspection									
	1	Construction Project Manager	HR	120	\$198.00	\$23,760.00		\$0.00		\$0.00	0.0 \$0.00
	2	Senior Construction Manager	HR	336	\$188.00	\$63,168.00		\$0.00		\$0.00	0.0 \$0.00
	3	Construction Inspector						\$0.00		\$0.00	0.0 \$0.00
	a	Construction Inspection	HR	864	\$132.00	\$114,048.00		\$0.00		\$0.00	0.0 \$0.00
	b	Office Work / AMLNET	HR	72	\$132.00	\$9,504.00		\$0.00		\$0.00	0.0 \$0.00
	c	Mileage	Mile	9720	\$0.75	\$7,290.00		\$0.00		\$0.00	0.0 \$0.00

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Application No.: 1

Page 10 of 71 Pages

Commodity Line: 2

Project Name:	Project 2 - Cowger Highwall & Portals
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WORK COMPLETED

SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK 1: NEPA & ESA											
A	AGENCY COORDINATION										
1	Senior Environmental Specialist	HR	53	\$180.00	\$5,940.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist I / Archaeologist Specialist I	HR	16	\$100.00	\$1,600.00		\$0.00		\$0.00	0.0	\$0.00
3	Mileage	Mile	280	\$0.75	\$210.00		\$0.00		\$0.00	0.0	\$0.00
							\$0.00		\$0.00	0.0	\$0.00
B	WETLAND AND WATER STUDIES						\$0.00		\$0.00	0.0	\$0.00
1	Senior Environmental Specialist	HR	10	\$180.00	\$1,800.00						
2	Environmental Specialist II / Archaeologist Specialist II	HR	50	\$135.00	\$6,750.00						
3	Environmental Specialist I / Archaeologist Specialist I	HR	74	\$100.00	\$7,400.00		\$0.00		\$0.00	0.0	\$0.00
4	Project Support Specialist	HR	2	\$95.00	\$190.00		\$0.00		\$0.00	0.0	\$0.00
5	Mileage	Mile	280	\$0.75	\$210.00		\$0.00		\$0.00	0.0	\$0.00
							\$0.00		\$0.00	0.0	\$0.00
C	POTENTIAL BAT ROOST TREE ASSESSMENT						\$0.00		\$0.00	0.0	\$0.00
1	Senior Environmental Specialist	HR	37	\$180.00	\$6,660.00						
2	Environmental Specialist I / Archaeologist Specialist I	HR	70	\$100.00	\$7,000.00						
3	Mileage	Mile	514	\$0.75	\$385.50		\$0.00		\$0.00	0.0	\$0.00
							\$0.00		\$0.00	0.0	\$0.00
D	EA DOCUMENT						\$0.00		\$0.00	0.0	\$0.00
1	Senior Environmental Specialist	HR	105	\$180.00	\$18,900.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	122	\$135.00	\$16,470.00		\$0.00		\$0.00	0.0	\$0.00
3	Environmental Specialist I / Archaeologist Specialist I	HR	136	\$100.00	\$13,600.00		\$0.00		\$0.00	0.0	\$0.00
4	Project Support Specialist	HR	4	\$95.00	\$380.00		\$0.00		\$0.00	0.0	\$0.00
E	DESIGN REVIEW, PRE-BID AND PRE-CONSTRUCTION MEETINGS										
1	Senior Environmental Specialist	HR	60	\$180.00	\$10,800.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	60	\$135.00	\$8,100.00		\$0.00		\$0.00	0.0	\$0.00
				SUBTOTAL PAGE 10 COST	\$106,395.50		SUBTOTAL PAGE 10 PREVIOUS		\$0.00		SUBTOTAL PAGE 10 TO DATE
									\$0.00		\$0.00

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Project Name:	Project 2 - Cowger Highwall & Portals
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Page 11 of 71 Pages

AML-7A (Revised 12/6/2023)

U.S. DEPARTMENT OF ENVIRONMENTAL PROTECTION
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Page 12 of 71 Pages

Project Name:	Project 2 - Cowger Highwall & Portals
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TOTAL BILLED TO DATE

SUBTOTAL PAGE 12 COST	\$112,302.50	SUBTOTAL PAGE 12 PREVIOUS	\$0.00	SUBTOTAL PAGE 12 THIS APPLICATION	\$0.00	PAGE 12 TO DATE	\$0.00
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WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION															
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT															
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 13 of 71 Pages						
Contract Name: 2023 AML Contract N3															
Commodity Line: 2															
Project Name: Project 2 - Cowger Highwall & Portals						WORK COMPLETED									
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE					
TASK	DESCRIPTION					UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST				
TASK II: REALTY (CONTINUED)															
C			Pre-Bid Conference												
	1		Realty Project Manager			HR	13	\$215.00	\$2,795.00						
	2		Realty Agent			HR	13	\$175.00	\$2,275.00						
		a	Daily Reports			HR	4	\$175.00	\$700.00						
		b	Weekly Reports			HR	2	\$175.00	\$350.00						
	3		Mileage			Mile	710	\$0.75	\$532.50						
	4		Per Diem												
		a	Realty Sub Lodging			Day	2	\$107.00	\$214.00						
		b	Realty Sub Meals			Day	4	\$59.00	\$236.00						
D			Pre-Construction Conference												
	1		Realty Project Manager			HR	13	\$215.00	\$2,795.00						
	2		Realty Agent			HR	13	\$175.00	\$2,275.00						
		a	Daily Reports			HR	4	\$175.00	\$700.00						
		b	Weekly Reports			HR	2	\$175.00	\$350.00						
	3		Mileage			Mile	710	\$0.75	\$532.50						
	4		Per Diem												
		a	Realty Sub Lodging			Day	2	\$107.00	\$214.00						
		b	Realty Sub Meals			Day	4	\$59.00	\$236.00						
E			30% In Person Plan Review												
	1		Realty Project Manager			HR	13	\$215.00	\$2,795.00						
	2		Realty Agent			HR	13	\$175.00	\$2,275.00						
		a	Daily Reports			HR	4	\$175.00	\$700.00						
		b	Weekly Reports			HR	2	\$175.00	\$350.00						
	3		Mileage			Mile	710	\$0.75	\$532.50						
	4		Per Diem												
		a	Realty Sub Lodging			Day	2	\$107.00	\$214.00						
		b	Realty Sub Meals			Day	4	\$59.00	\$236.00						
								SUBTOTAL PAGE 13 COST	\$21,307.50	SUBTOTAL PAGE 13 PREVIOUS	\$0.00	SUBTOTAL PAGE 13 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 13 TO DATE	\$0.00
AML-7A (Revised 12/6/2023)															

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION														
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT														
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 14 of 71 Pages					
Contract Name: 2023 AML Contract N3						WORK COMPLETED								
Commodity Line: 2														
Project Name: Project 2 - Cowger Highwall & Portals														
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE				
TASK	DESCRIPTION				UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST		
TASK II: REALTY (CONTINUED)														
F			90% Virtual Plan Review											
	1		Realty Project Manager			HR	13	\$215.00	\$2,795.00		\$0.00	\$0.00	0.0	\$0.00
	2		Realty Agent			HR	13	\$175.00	\$2,275.00		\$0.00	\$0.00	0.0	\$0.00
		a	Daily Reports			HR	4	\$175.00	\$700.00		\$0.00	\$0.00	0.0	\$0.00
		b	Weekly Reports			HR	2	\$175.00	\$350.00		\$0.00	\$0.00	0.0	\$0.00
	3		Mileage			Mile	710	\$0.75	\$532.50		\$0.00	\$0.00	0.0	\$0.00
	4		Per Diem								\$0.00	\$0.00	0.0	\$0.00
		a	Realty Sub Lodging			Day	2	\$107.00	\$214.00		\$0.00	\$0.00	0.0	\$0.00
		b	Realty Sub Meals			Day	4	\$59.00	\$236.00		\$0.00	\$0.00	0.0	\$0.00
G			Final Plan Review											
	1		Realty Project Manager			HR	13	\$215.00	\$2,795.00		\$0.00	\$0.00	0.0	\$0.00
	2		Realty Agent			HR	13	\$175.00	\$2,275.00		\$0.00	\$0.00	0.0	\$0.00
		a	Daily Reports			HR	4	\$175.00	\$700.00		\$0.00	\$0.00	0.0	\$0.00
		b	Weekly Reports			HR	2	\$175.00	\$350.00		\$0.00	\$0.00	0.0	\$0.00
	3		Mileage			Mile	710	\$0.75	\$532.50		\$0.00	\$0.00	0.0	\$0.00
	4		Per Diem								\$0.00	\$0.00	0.0	\$0.00
		a	Realty Sub Lodging			Day	2	\$107.00	\$214.00		\$0.00	\$0.00	0.0	\$0.00
		b	Realty Sub Meals			Day	4	\$59.00	\$236.00		\$0.00	\$0.00	0.0	\$0.00
H			Direct Costs								\$0.00	\$0.00	0.0	\$0.00
	1		Fees			Each	1500	\$1.00	\$1,500.00		\$0.00	\$0.00	0.0	\$0.00
							SUBTOTAL PAGE 14 COST	\$15,705.00	SUBTOTAL PAGE 14 PREVIOUS	\$0.00	SUBTOTAL PAGE 14 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 14 TO DATE	\$0.00
							SUBTOTAL TASK II COST	\$149,315.00	SUBTOTAL TASK II PREVIOUS	\$0.00	SUBTOTAL TASK II APPLICATION	\$0.00	SUBTOTAL TASK II TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Page 15 of 71 Pages

Project Name:	Project 2 - Cowger Highwall & Portals
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SCHEDULE PER CONTRACT

TOTAL BILLED TO DATE

	5	Per Diem
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50.00

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION													
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT													
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 16 of 71 Pages				
Contract Name: 2023 AML Contract N3													
Commodity Line: 2													
Project Name: Project 2 - Cowger Highwall & Portals						WORK COMPLETED							
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE			
TASK	DESCRIPTION				UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	
TASK III: DESIGN (CONTINUED)													
C			GEOTECHNICAL INVESTIGATION										
1			Project Manager / Senior Engineer	HR	18	\$250.00	\$4,500.00		\$0.00		\$0.00	\$0.00	
2			Geotechnical Engineer/Geologist	HR	72	\$189.00	\$13,608.00		\$0.00		\$0.00	\$0.00	
3			Cowger Mobilization / Demobilization	LS	1	\$697.00	\$697.00		\$0.00		\$0.00	\$0.00	
4			Soil Augering	LF	470	\$26.00	\$12,220.00		\$0.00		\$0.00	\$0.00	
5			Cowger Rock Coring	LF	230	\$80.00	\$18,400.00		\$0.00		\$0.00	\$0.00	
6			Heavy Equipment	HR	50	\$250.00	\$12,500.00		\$0.00		\$0.00	\$0.00	
7			Drill Crew Per Diem	Day	9	\$357.00	\$3,213.00		\$0.00		\$0.00	\$0.00	
8			Cowger Reclamation	LS	1	\$7,500.00	\$7,500.00		\$0.00		\$0.00	\$0.00	
9			Cowger Geotechnical Investigation Report	LS	1	\$18,230.00	\$18,230.00		\$0.00		\$0.00	\$0.00	
10			Mileage	Mile	180	\$0.75	\$135.00		\$0.00		\$0.00	\$0.00	
D			ANALYSIS AND DESIGN										
1			Project Manager / Senior Engineer	HR	80	\$250.00	\$20,000.00		\$0.00		\$0.00	\$0.00	
2			Geotechnical Engineer	HR	8	\$250.00	\$2,000.00		\$0.00		\$0.00	\$0.00	
3			Engineer	HR	140	\$190.00	\$26,600.00		\$0.00		\$0.00	\$0.00	
4			Drafter	HR	200	\$125.00	\$25,000.00		\$0.00		\$0.00	\$0.00	
						SUBTOTAL PAGE 16 COST	\$164,603.00	SUBTOTAL PAGE 16 PREVIOUS	\$0.00	SUBTOTAL PAGE 16 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 16 TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION											
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT											
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 17 of 71 Pages		
Contract Name: 2023 AML Contract N3											
Commodity Line: 2											
Project Name: Project 2 - Cowger Highwall & Portals						WORK COMPLETED					
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK III: DESIGN (CONTINUED)											
E	PREPARATION OF PLANS, SPECIFICATIONS AND ENGINEERS ESTIMATE										
1	Project Manager / Senior Engineer	HR	44	\$250.00	\$11,000.00		\$0.00		\$0.00	0.0	\$0.00
2	Geotechnical Engineer	HR	8	\$250.00	\$2,000.00		\$0.00		\$0.00	0.0	\$0.00
4	Engineer	HR	190	\$190.00	\$36,100.00		\$0.00		\$0.00	0.0	\$0.00
5	Drafter	HR	60	\$125.00	\$7,500.00		\$0.00		\$0.00	0.0	\$0.00
							\$0.00		\$0.00	0.0	\$0.00
F	PERMITTING										
1	Project Manager / Senior Engineer	HR	60	\$250.00	\$15,000.00						
2	Engineer / Environmental Scientist	HR	80	\$160.00	\$12,800.00		\$0.00		\$0.00	0.0	\$0.00
							\$0.00		\$0.00	0.0	\$0.00
G	PRE-BID CONFERENCE										
1	Project Manager / Senior Engineer	HR	10	\$250.00	\$2,500.00						
2	Mileage	Mile	20	\$0.75	\$15.00		\$0.00		\$0.00	0.0	\$0.00
3	Per Diem	Day	2	\$55.00	\$110.00		\$0.00		\$0.00	0.0	\$0.00
							\$0.00		\$0.00	0.0	\$0.00
H	PRE-CONSTRUCTION CONFERENCE										
1	Project Manager / Senior Engineer	HR	10	\$250.00	\$2,500.00						
2	Design Construction Inspector	HR	10	\$125.00	\$1,250.00		\$0.00		\$0.00	0.0	\$0.00
3	Mileage	Mile	20	\$0.75	\$15.00		\$0.00		\$0.00	0.0	\$0.00
				SUBTOTAL PAGE 17 COST	\$90,790.00	SUBTOTAL PAGE 17 PREVIOUS	\$0.00	SUBTOTAL PAGE 17 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 17 TO DATE	\$0.00
				SUBTOTAL TASK III COST	\$425,949.75	SUBTOTAL TASK III PREVIOUS	\$0.00	SUBTOTAL TASK III APPLICATION	\$0.00	SUBTOTAL TASK III TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION											
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT											
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 18 of 71 Pages		
Contract Name: 2023 AML Contract N3											
Commodity Line: 2											
Project Name: Project 2 - Cowger Highwall & Portals											
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK IV: CONSTRUCTION OVERSIGHT											
A		Construction Inspection									
	1	Construction Project Manager	HR	126	\$198.00	\$24,948.00		\$0.00	\$0.00	0.0	\$0.00
	2	Senior Construction Manager	HR	364	\$188.00	\$68,432.00		\$0.00	\$0.00	0.0	\$0.00
	3	Construction Inspector					\$0.00		\$0.00	0.0	\$0.00
	a	Construction Inspection	HR	1008	\$132.00	\$133,056.00		\$0.00	\$0.00	0.0	\$0.00
	b	Office Work / AMLNET	HR	84	\$132.00	\$11,088.00		\$0.00	\$0.00	0.0	\$0.00
	c	Mileage	Mile	2520	\$0.75	\$1,890.00		\$0.00	\$0.00	0.0	\$0.00
				SUBTOTAL TASK IV COST	\$239,414.00	SUBTOTAL TASK IV PREVIOUS	\$0.00	SUBTOTAL TASK IV APPLICATION	\$0.00	SUBTOTAL TASK IV TO DATE	\$0.00
TASK V: POST-CONSTRUCTION OVERSIGHT											
A		FIELD VISITS / INSPECTIONS									
	1	Construction Project Manager	HR	40	\$198.00	\$7,920.00		\$0.00	\$0.00	0.0	\$0.00
	2	Senior Construction Manager	HR	40	\$188.00	\$7,520.00		\$0.00	\$0.00	0.0	\$0.00
	3	Construction Inspector	HR	200	\$132.00	\$26,400.00		\$0.00	\$0.00	0.0	\$0.00
	4	Mileage	Mile	720	\$0.75	\$540.00		\$0.00	\$0.00	0.0	\$0.00
				SUBTOTAL TASK V COST	\$42,380.00	SUBTOTAL TASK V PREVIOUS	\$0.00	SUBTOTAL TASK V APPLICATION	\$0.00	SUBTOTAL TASK V TO DATE	\$0.00
				SUBTOTAL PAGE 18 COST	\$281,794.00	SUBTOTAL PAGE 18 PREVIOUS	\$0.00	SUBTOTAL PAGE 18 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 18 TO DATE	\$0.00
				PROJECT TOTAL COST	\$988,164.75	PROJECT TOTAL PREVIOUS	\$0.00	PROJECT TOTAL THIS APPLICATION	\$0.00	PROJECT TOTAL TO DATE	\$0.00

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION											
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT											
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 19 of 71 Pages		
Contract Name: 2023 AML Contract N3											
Commodity Line: 3											
Project Name: Project 3 - Dotson Tipple Phase II											
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	WORK COMPLETED			
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
								UNITS	COST	UNITS	COST
TASK I: NEPA & ESA											
A	AGENCY COORDINATION										
1	Senior Environmental Specialist	HR	33	\$180.00	\$5,940.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist I / Archaeologist Specialist I	HR	16	\$100.00	\$1,600.00		\$0.00		\$0.00	0.0	\$0.00
3	Milcage	Mile	280	\$0.75	\$210.00		\$0.00		\$0.00	0.0	\$0.00
B	WETLAND AND WATER STUDIES										
1	Senior Environmental Specialist	HR	10	\$180.00	\$1,800.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	62	\$135.00	\$8,370.00		\$0.00		\$0.00	0.0	\$0.00
3	Environmental Specialist I / Archaeologist Specialist I	HR	83	\$100.00	\$8,300.00		\$0.00		\$0.00	0.0	\$0.00
4	Project Support Specialist	HR	2	\$95.00	\$190.00		\$0.00		\$0.00	0.0	\$0.00
5	Mileage	Milc	420	\$0.75	\$315.00		\$0.00		\$0.00	0.0	\$0.00
							\$0.00		\$0.00	0.0	\$0.00
C	POTENTIAL BAT ROOST TREE ASSESSMENT										
1	Senior Environmental Specialist	HR	54	\$180.00	\$9,720.00		\$0.00		\$0.00	0.0	\$0.00
3	Environmental Specialist I / Archaeologist Specialist I	HR	128	\$100.00	\$12,800.00		\$0.00		\$0.00	0.0	\$0.00
4	Planning Sub Lodging	Day	1	\$107.00	\$107.00		\$0.00		\$0.00	0.0	\$0.00
5	Mileage	Mile	514	\$0.75	\$385.50		\$0.00		\$0.00	0.0	\$0.00
D	EA DOCUMENT										
1	Senior Environmental Specialist	HR	102	\$180.00	\$18,360.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	117	\$135.00	\$15,795.00		\$0.00		\$0.00	0.0	\$0.00
3	Environmental Specialist I / Archaeologist Specialist I	HR	127	\$100.00	\$12,700.00		\$0.00		\$0.00	0.0	\$0.00
4	Project Support Specialist	HR	4	\$95.00	\$380.00		\$0.00		\$0.00	0.0	\$0.00
E	DESIGN REVIEW, PRE-BID AND PRE-CONSTRUCTION MEETINGS										
1	Senior Environmental Specialist	HR	60	\$180.00	\$10,800.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	60	\$135.00	\$8,100.00		\$0.00		\$0.00	0.0	\$0.00
SUBTOTAL PAGE 19 COST					\$115,872.50	SUBTOTAL PAGE 19 PREVIOUS	\$0.00	SUBTOTAL PAGE 19 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 19 TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

AMJ-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Purchase Order No.: CPO DEFxx*xx						Application No.: 1		Page 21 of 71 Pages			
Contract Name: 2023 AML Contract N3											
Commodity Line: 3											
Project Name: Project 3 - Dotson Tipple Phase II											
SCHEDULE PER CONTRACT						WORK COMPLETED					
						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK II: REALTY											
A	Exploratory Rights of Entry (EROE)										
1	Realty Project Manager	HR	8	\$215.00	\$1,720.00		\$0.00		\$0.00	0.0	\$0.00
2	Realty Agent						\$0.00		\$0.00	0.0	\$0.00
a	Courthouse Work	HR	9	\$175.00	\$1,575.00		\$0.00		\$0.00	0.0	\$0.00
b	Questionnaire/Landowner Corres.	HR	34	\$175.00	\$5,950.00		\$0.00		\$0.00	0.0	\$0.00
c	Field Recon. /Landowner Corres. (Senior Engineer)	HR	46	\$215.00	\$9,890.00		\$0.00		\$0.00	0.0	\$0.00
d	Field Recon. /Landowner Corres. (Realty Agent)	HR	46	\$175.00	\$8,050.00		\$0.00		\$0.00	0.0	\$0.00
e	Realty Office Work / AMLNET	HR	26	\$130.00	\$3,380.00		\$0.00		\$0.00	0.0	\$0.00
f	Daily Reports	HR	31	\$175.00	\$5,425.00		\$0.00		\$0.00	0.0	\$0.00
g	Weekly Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
3	Mileage	Mile	2575	\$0.75	\$1,931.25		\$0.00		\$0.00	0.0	\$0.00
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
a	Realty Sub Lodging	Day	15	\$107.00	\$1,605.00		\$0.00		\$0.00	0.0	\$0.00
b	Realty Sub Meals	Day	17	\$59.00	\$1,003.00		\$0.00		\$0.00	0.0	\$0.00
B	Construction Rights of Entry (CROE)										
1	Realty Project Manager	HR	8	\$215.00	\$1,720.00		\$0.00		\$0.00	0.0	\$0.00
2	Realty Agent						\$0.00		\$0.00	0.0	\$0.00
a	Courthouse Work	HR	9	\$175.00	\$1,575.00		\$0.00		\$0.00	0.0	\$0.00
b	Field Recon. /Landowner Corres. (Senior Engineer)	HR	46	\$215.00	\$9,890.00		\$0.00		\$0.00	0.0	\$0.00
c	Field Recon. /Landowner Corres. (Realty Agent)	HR	46	\$175.00	\$8,050.00		\$0.00		\$0.00	0.0	\$0.00
d	Realty Office Work / AMLNET	HR	26	\$130.00	\$3,380.00		\$0.00		\$0.00	0.0	\$0.00
e	Daily Reports	HR	22	\$175.00	\$3,850.00		\$0.00		\$0.00	0.0	\$0.00
f	Weekly Reports	HR	3	\$175.00	\$525.00		\$0.00		\$0.00	0.0	\$0.00
3	Mileage	Mile	1870	\$0.75	\$1,402.50		\$0.00		\$0.00	0.0	\$0.00
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
a	Realty Sub Lodging	Day	11	\$107.00	\$1,177.00		\$0.00		\$0.00	0.0	\$0.00
b	Realty Sub Meals	Day	13	\$59.00	\$767.00		\$0.00		\$0.00	0.0	\$0.00
SUBTOTAL PAGE 21 COST					\$73,565.75	SUBTOTAL PAGE 21 PREVIOUS		\$0.00	SUBTOTAL PAGE 21 THIS APPLICATION		\$0.00
									SUBTOTAL PAGE 21 TO DATE		\$0.00

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION												
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT												
Purchase Order No.: CPO DEPxx*xx						Application No.: 1				Page 22 of 71 Pages		
Contract Name: 2023 AML Contract N3												
Commodity Line: 3												
Project Name: Project 3 - Dotson Tipple Phase II						WORK COMPLETED						
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE		
TASK	DESCRIPTION				UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST		
TASK II: REALTY (CONTINUED)												
C			Pre-Bid Conference									
	1		Realty Project Manager			HR	13	\$215.00	\$2,795.00	\$0.00	\$0.00	
	2		Realty Agent			HR	13	\$175.00	\$2,275.00	\$0.00	\$0.00	
		a	Daily Reports			HR	4	\$175.00	\$700.00	\$0.00	\$0.00	
		b	Weekly Reports			HR	2	\$175.00	\$350.00	\$0.00	\$0.00	
	3		Mileage			Mile	710	\$0.75	\$532.50	\$0.00	\$0.00	
	4		Per Diem						\$0.00	\$0.00	\$0.00	
		a	Realty Sub Lodging			Day	2	\$107.00	\$214.00	\$0.00	\$0.00	
		b	Realty Sub Meals			Day	4	\$59.00	\$236.00	\$0.00	\$0.00	
D			Pre-Construction Conference									
	1		Realty Project Manager			HR	13	\$215.00	\$2,795.00	\$0.00	\$0.00	
	2		Realty Agent			HR	13	\$175.00	\$2,275.00	\$0.00	\$0.00	
		a	Daily Reports			HR	4	\$175.00	\$700.00	\$0.00	\$0.00	
		b	Weekly Reports			HR	2	\$175.00	\$350.00	\$0.00	\$0.00	
	3		Mileage			Mile	710	\$0.75	\$532.50	\$0.00	\$0.00	
	4		Per Diem						\$0.00	\$0.00	\$0.00	
		a	Realty Sub Lodging			Day	2	\$107.00	\$214.00	\$0.00	\$0.00	
		b	Realty Sub Meals			Day	4	\$59.00	\$236.00	\$0.00	\$0.00	
E			30% In Person Plan Review									
	1		Realty Project Manager			HR	13	\$215.00	\$2,795.00	\$0.00	\$0.00	
	2		Realty Agent			HR	13	\$175.00	\$2,275.00	\$0.00	\$0.00	
		a	Daily Reports			HR	4	\$175.00	\$700.00	\$0.00	\$0.00	
		b	Weekly Reports			HR	2	\$175.00	\$350.00	\$0.00	\$0.00	
	3		Mileage			Mile	710	\$0.75	\$532.50	\$0.00	\$0.00	
	4		Per Diem						\$0.00	\$0.00	\$0.00	
		a	Realty Sub Lodging			Day	2	\$107.00	\$214.00	\$0.00	\$0.00	
		b	Realty Sub Meals			Day	4	\$59.00	\$236.00	\$0.00	\$0.00	
							SUBTOTAL PAGE 22 COST	\$21,307.50		SUBTOTAL PAGE 22 PREVIOUS	\$0.00	
									SUBTOTAL PAGE 22 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 22 TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Purchase Order No.: CPO DEFxx*xx						CONTRACT SUMMARY SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT					
Contract Name: 2023 AML Contract N3						Application No.: 1				Page 23 of 71 Pages	
Commodity Line: 3											
Project Name: Project 3 - Dotson Tipple Phase II											
SCHEDULE PER CONTRACT						WORK COMPLETED					
						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK II: REALTY (CONTINUED)											
F		90% Virtual Plan Review									
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00					
	2	Realty Agent	HR	13	\$175.00	\$2,275.00	\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports	HR	4	\$175.00	\$700.00	\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports	HR	2	\$175.00	\$350.00	\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	Mile	710	\$0.75	\$532.50	\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem					\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00	\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00	\$0.00		\$0.00	0.0	\$0.00
							\$0.00		\$0.00	0.0	\$0.00
G		Final Plan Review									
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00					
	2	Realty Agent	HR	13	\$175.00	\$2,275.00	\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports	HR	4	\$175.00	\$700.00	\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports	HR	2	\$175.00	\$350.00	\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	Mile	710	\$0.75	\$532.50	\$0.00		\$0.00	0.0	\$0.00
	4	Por Diem					\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00	\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00	\$0.00		\$0.00	0.0	\$0.00
							\$0.00		\$0.00	0.0	\$0.00
H		Direct Costs									
	1	Fees	Each	1500	\$1.00	\$1,500.00					
							\$0.00		\$0.00	0.0	\$0.00
				SUBTOTAL PAGE 23 COST		\$15,705.00	SUBTOTAL PAGE 23 PREVIOUS		\$0.00	SUBTOTAL PAGE 23 TO DATE	
				SUBTOTAL TASK II COST		\$110,578.25	SUBTOTAL TASK II PREVIOUS		\$0.00	SUBTOTAL TASK II TO DATE	
									\$0.00		\$0.00

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION												
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT												
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 24 of 71 Pages			
Contract Name: 2023 AML Contract N3						WORK COMPLETED						
Commodity Line: 3												
Project Name: Project 3 - Dotson Tipple Phase II												
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE		
TASK	DESCRIPTION				UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST
TASK III: DESIGN												
A		SITE RECONNAISSANCE AND INVESTIGATIONS										
	1	Project Manager / Senior Engineer				HR	50	\$250.00	\$12,500.00			
	2	Milage				Mile	120	\$0.75	\$90.00			
	3	Per Diem				Day	8	\$55.00	\$440.00			
B		SURVEYING & MAPPING										
	1	Survey Project Manager				HR	15	\$125.00	\$1,875.00			
	2	Administration				HR	6	\$75.00	\$450.00			
	3	Staff Engineer				HR	5	\$170.00	\$850.00			
	4	Professional Surveyor / Chief Surveyor				HR	64	\$125.00	\$8,000.00			
	5	Survey Crew				HR	409	\$178.75	\$73,108.75			
	6	CADD Technician				HR	95	\$110.00	\$10,450.00			
	7	Drafter				HR	124	\$125.00	\$15,500.00			
	8	Aerial Lidar Data Acquisition and Calibration				LS	1	\$3,060.00	\$3,060.00			
	9	Dotson Photogrammetric Mapping				LS	1	\$8,307.00	\$8,307.00			
	10	Milage				Mile	1100	\$0.75	\$825.00			
	11	Survey Per Diem Meals				Day	100	\$59.00	\$5,900.00			
	12	Survey Per Diem Lodging				Day	90	\$120.00	\$10,800.00			
	13	Dotson Supplies				LS	1	\$350.00	\$350.00			
	14	Time-lapsed drone Videos and Photos				Each	3.00	\$5,000.00	\$15,000.00			
										</		

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION												
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT												
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 26 of 71 Pages			
Contract Name: 2023 AML Contract N3												
Commodity Line: 3												
Project Name: Project 3 - Dotson Tipple Phase II						WORK COMPLETED						
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE		
TASK	DESCRIPTION				UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST
TASK III: DESIGN (CONTINUED)												
E		PREPARATION OF PLANS, SPECIFICATIONS AND ENGINEERS ESTIMATE										
	1	Project Manager / Senior Engineer				HR	44	\$250.00	\$11,000.00			
	2	Geotechnical Engineer				HR	8	\$250.00	\$2,000.00			
	3	Engineer				HR	140	\$190.00	\$26,600.00			
	4	Design CADD Technician				HR	60	\$125.00	\$7,500.00			
F		PERMITTING										
	1	Project Manager / Senior Engineer				HR	60	\$250.00	\$15,000.00			
	2	Engineer / Environmental Scientist				HR	100	\$160.00	\$16,000.00			
G		PRE-BID CONFERENCE										
	1	Project Manager / Senior Engineer				HR	10	\$250.00	\$2,500.00			
	2	Mileage				Mile	20	\$0.75	\$15.00			
	3	Per Diem				Day	2	\$55.00	\$110.00			
H		PRE-CONSTRUCTION CONFERENCE										
	1	Project Manager / Senior Engineer				HR	10	\$250.00	\$2,500.00			
	2	Design Construction Inspector				HR	10	\$125.00	\$1,250.00			
	3	Mileage				Mile	20	\$0.75	\$15.00			

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION											
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT											
Purchase Order No.: CPO DEPx*xx						Application No.: 1			Page 28 of 71 Pages		
Contract Name: 2023 AML Contract N3											
Commodity Line: 4											
Project Name: Project 4 - Granville (Buzo) Clogged Stream						WORK COMPLETED					
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK I: NEPA & ESA											
A	AGENCY COORDINATION										
1	Senior Environmental Specialist	HR	33	\$180.00	\$5,940.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist I / Archaeologist Specialist I	HR	16	\$100.00	\$1,600.00		\$0.00		\$0.00	0.0	\$0.00
3	Mileage	Mile	320	\$0.75	\$240.00		\$0.00		\$0.00	0.0	\$0.00
B	WETLAND AND WATER STUDIES										
1	Senior Environmental Specialist	HR	8	\$180.00	\$1,440.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	26	\$135.00	\$3,510.00		\$0.00		\$0.00	0.0	\$0.00
3	Environmental Specialist I / Archaeologist Specialist I	HR	44	\$100.00	\$4,400.00		\$0.00		\$0.00	0.0	\$0.00
4	Project Support Specialist	HR	2	\$95.00	\$190.00		\$0.00		\$0.00	0.0	\$0.00
5	Mileage	Mile	160	\$0.75	\$120.00		\$0.00		\$0.00	0.0	\$0.00
C	POTENTIAL BAT ROOST TREE ASSESSMENT										
1	Senior Environmental Specialist	HR	22	\$180.00	\$3,960.00		\$0.00		\$0.00	0.0	\$0.00
3	Environmental Specialist I / Archaeologist Specialist I	HR	33	\$100.00	\$3,300.00		\$0.00		\$0.00	0.0	\$0.00
4	Mileage	Mile	480	\$0.75	\$360.00		\$0.00		\$0.00	0.0	\$0.00
D	HAZARDOUS WASTE PHASE I ESA										
1	Senior Environmental Specialist	HR	6	\$180.00	\$1,080.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	22	\$135.00	\$2,970.00		\$0.00		\$0.00	0.0	\$0.00
3	Environmental Specialist I / Archaeologist Specialist I	HR	72	\$100.00	\$7,200.00		\$0.00		\$0.00	0.0	\$0.00
4	Mileage	Mile	320	\$0.75	\$240.00		\$0.00		\$0.00	0.0	\$0.00
E	EA DOCUMENT										
1	Senior Environmental Specialist	HR	113	\$180.00	\$20,340.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	111	\$135.00	\$14,985.00		\$0.00		\$0.00	0.0	\$0.00
3	Environmental Specialist I / Archaeologist Specialist I	HR	241	\$100.00	\$24,100.00		\$0.00		\$0.00	0.0	\$0.00
4	Project Support Specialist	HR	4	\$95.00	\$380.00		\$0.00		\$0.00	0.0	\$0.00
				SUBTOTAL PAGE 28 COST	\$96,355.00	SUBTOTAL PAGE 28 PREVIOUS	\$0.00	SUBTOTAL PAGE 28 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 28 TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION												
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT												
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 29 of 71 Pages			
Contract Name: 2023 AML Contract N3												
Commodity Line: 4												
Project Name: Project 4 - Granville (Buzzo) Clogged Stream						WORK COMPLETED						
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE		
TASK	DESCRIPTION				UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST
TASK I: NEPA & ESA (CONTINUED)												
F		DESIGN REVIEW, PRE-BID AND PRE-CONSTRUCTION MEETINGS										
	1	Senior Environmental Specialist			HR	60	\$180.00	\$10,800.00		\$0.00		\$0.00
	2	Environmental Specialist II / Archaeologist Specialist II			HR	60	\$135.00	\$8,100.00		\$0.00		\$0.00
G		USACE 404/401 PERMITTING										
	1	Senior Environmental Specialist			HR	64	\$180.00	\$11,520.00		\$0.00		\$0.00
	2	Environmental Specialist II / Archaeologist Specialist II			HR	22	\$135.00	\$2,970.00		\$0.00		\$0.00
	3	Environmental Specialist I / Archaeologist Specialist I			HR	61	\$100.00	\$6,100.00		\$0.00		\$0.00
	4	Project Support Specialist			HR	2	\$95.00	\$190.00		\$0.00		\$0.00
	5	Mileage			Mile	480	\$0.75	\$360.00		\$0.00		\$0.00
H		WVDNR STREAM ACTIVITY PERMIT										
	1	Senior Environmental Specialist			HR	2	\$180.00	\$360.00		\$0.00		\$0.00
	2	Environmental Specialist II / Archaeologist Specialist II			HR	2	\$135.00	\$270.00		\$0.00		\$0.00
	3	Environmental Specialist I / Archaeologist Specialist I			HR	3	100	300		\$0.00		\$0.00
	4	Project Support Specialist			HR	2	95	190		\$0.00		\$0.00
							SUBTOTAL PAGE 29 COST	\$41,160.00	SUBTOTAL PAGE 29 PREVIOUS	\$0.00	SUBTOTAL PAGE 29 THIS APPLICATION	\$0.00
							SUBTOTAL TASK I COST	\$137,515.00	SUBTOTAL TASK I PREVIOUS	\$0.00	SUBTOTAL TASK I APPLICATION	\$0.00

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION											
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT											
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 30 of 71 Pages		
Contract Name: 2023 AML Contract N3											
Commodity Line: 4											
Project Name: Project 4 - Granville (Buzzo) Clogged Stream											
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK II: REALTY											
A	Exploratory Rights of Entry (EROE)										
1	Realty Project Manager	HR	8	\$215.00	\$1,720.00		\$0.00		\$0.00	0.0	\$0.00
2	Realty Agent						\$0.00		\$0.00	0.0	\$0.00
a	Courthouse Work	HR	10	\$175.00	\$1,750.00		\$0.00		\$0.00	0.0	\$0.00
b	Questionnaire/Landowner Corres	HR	42	\$175.00	\$7,350.00		\$0.00		\$0.00	0.0	\$0.00
c	Field Recon. /Landowner Corres. (Senior Engineer)	HR	58	\$215.00	\$12,470.00		\$0.00		\$0.00	0.0	\$0.00
d	Field Recon. /Landowner Corres. (Realty Agent)	HR	58	\$175.00	\$10,150.00		\$0.00		\$0.00	0.0	\$0.00
e	Realty Office Work / AMLNET	HR	32	\$130.00	\$4,160.00		\$0.00		\$0.00	0.0	\$0.00
f	Daily Reports	HR	37	\$175.00	\$6,475.00		\$0.00		\$0.00	0.0	\$0.00
g	Weekly Reports	HR	5	\$175.00	\$875.00		\$0.00		\$0.00	0.0	\$0.00
3	Mileage	Mile	2665	\$0.75	\$1,998.75		\$0.00		\$0.00	0.0	\$0.00
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
a	Realty Sub Lodging	Day	17	\$107.00	\$1,819.00		\$0.00		\$0.00	0.0	\$0.00
b	Realty Sub Meals	Day	21	\$59.00	\$1,239.00		\$0.00		\$0.00	0.0	\$0.00
B	Construction Rights of Entry (CROE)										
1	Realty Project Manager	HR	8	\$215.00	\$1,720.00		\$0.00		\$0.00	0.0	\$0.00
2	Realty Agent						\$0.00		\$0.00	0.0	\$0.00
a	Courthouse Work	HR	10	\$175.00	\$1,750.00		\$0.00		\$0.00	0.0	\$0.00
b	Field Recon. /Landowner Corres. (Senior Engineer)	HR	58	\$215.00	\$12,470.00		\$0.00		\$0.00	0.0	\$0.00
c	Field Recon. /Landowner Corres. (Realty Agent)	HR	58	\$175.00	\$10,150.00		\$0.00		\$0.00	0.0	\$0.00
d	Realty Office Work / AMLNET	HR	32	\$130.00	\$4,160.00		\$0.00		\$0.00	0.0	\$0.00
e	Daily Reports	HR	26	\$175.00	\$4,550.00		\$0.00		\$0.00	0.0	\$0.00
f	Weekly Reports	HR	5	\$175.00	\$875.00		\$0.00		\$0.00	0.0	\$0.00
3	Mileage	Mile	1950	\$0.75	\$1,447.50		\$0.00		\$0.00	0.0	\$0.00
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
a	Realty Sub Lodging	Day	13	\$107.00	\$1,391.00		\$0.00		\$0.00	0.0	\$0.00
b	Realty Sub Meals	Day	16	\$59.00	\$944.00		\$0.00		\$0.00	0.0	\$0.00
				SUBTOTAL PAGE 30 COST	\$89,114.25	SUBTOTAL PAGE 30 PREVIOUS	\$0.00	SUBTOTAL PAGE 30 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 30 TO DATE	\$0.00

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION												
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT												
Purchase Order No.: CPO DEPxx*xx						Application No.: 1		Page 31 of 71 Pages				
Contract Name: 2023 AML Contract N3												
Commodity Line: 4												
Project Name: Project 4 - Granville (Buzzo) Clogged Stream												
SCHEDULE PER CONTRACT						WORK COMPLETED						
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	PREVIOUS UNITS	PREVIOUS BILLED COST	THIS APPLICATION UNITS	AMOUNT DUE THIS APPLICATION COST	TOTAL BILLED TO DATE UNITS	TOTAL BILLED TO DATE COST	
TASK II: REALTY (CONTINUED)												
C	Pre-Bid Conference											
1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00	
2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00	
a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00	
b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00	
3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00	
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00	
a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00	
b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00	
D	Pre-Construction Conference											
1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00	
2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00	
a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00	
b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00	
3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00	
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00	
a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00	
b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00	
E	30% In Person Plan Review											
1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00	
2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00	
a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00	
b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00	
3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00	
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00	
a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00	
b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00	
					SUBTOTAL PAGE 31 COST	\$21,307.50	SUBTOTAL PAGE 31 PREVIOUS	\$0.00	SUBTOTAL PAGE 31 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 31 TO DATE	\$0.00

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION												
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT												
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 32 of 71 Pages			
Contract Name: 2023 AML Contract N3												
Commodity Line: 4												
Project Name: Project 4 - Granville (Buzzo) Clogged Stream						WORK COMPLETED						
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE		
TASK	DESCRIPTION		UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK II: REALTY (CONTINUED)												
F		90% Virtual Plan Review										
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
G		Final Plan Review										
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
H		Direct Costs										
	1	Fees	Each	1500	\$1.00	\$1,500.00		\$0.00		\$0.00	0.0	\$0.00
					SUBTOTAL PAGE 32 COST	\$15,705.00	SUBTOTAL PAGE 32 PREVIOUS	\$0.00	SUBTOTAL PAGE 32 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 32 TO DATE	\$0.00
					SUBTOTAL TASK II COST	\$126,126.75	SUBTOTAL TASK II PREVIOUS	\$0.00	SUBTOTAL TASK II APPLICATION	\$0.00	SUBTOTAL TASK II TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION											
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT											
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 36 of 71 Pages		
Contract Name: 2023 AML Contract N3											
Commodity Line: 5											
Project Name: Project 5 - Jadot Highwall and Portals						WORK COMPLETED					
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK I: NEPA & ESA											
A	AGENCY COORDINATION										
1	Senior Environmental Specialist	HR	33	\$180.00	\$5,940.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist I / Archaeologist Specialist I	HR	16	\$100.00	\$1,600.00		\$0.00		\$0.00	0.0	\$0.00
3	Mileage	Mile	280	\$0.75	\$210.00		\$0.00		\$0.00	0.0	\$0.00
B	WETLAND AND WATER STUDIES										
1	Senior Environmental Specialist	HR	12	\$180.00	\$2,160.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	83	\$135.00	\$11,205.00		\$0.00		\$0.00	0.0	\$0.00
3	Environmental Specialist I / Archaeologist Specialist I	HR	119	\$100.00	\$11,900.00		\$0.00		\$0.00	0.0	\$0.00
4	Project Support Specialist	HR	2	\$95.00	\$190.00		\$0.00		\$0.00	0.0	\$0.00
5	Mileage	Mile	560	\$0.75	\$420.00		\$0.00		\$0.00	0.0	\$0.00
							\$0.00		\$0.00	0.0	\$0.00
C	POTENTIAL BAT ROOST TREE ASSESSMENT										
1	Senior Environmental Specialist	HR	60	\$180.00	\$10,800.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist I / Archaeologist Specialist I	HR	172	\$100.00	\$17,200.00		\$0.00		\$0.00	0.0	\$0.00
3	Planning Sub Lodging	Day	1	\$107.00	\$107.00		\$0.00		\$0.00	0.0	\$0.00
4	Mileage	Mile	610	\$0.75	\$457.50		\$0.00		\$0.00	0.0	\$0.00
D	EA DOCUMENT										
1	Senior Environmental Specialist	HR	100	\$180.00	\$18,000.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	103	\$135.00	\$13,905.00		\$0.00		\$0.00	0.0	\$0.00
3	Environmental Specialist I / Archaeologist Specialist I	HR	108	\$100.00	\$10,800.00		\$0.00		\$0.00	0.0	\$0.00
4	Project Support Specialist	HR	4	\$95.00	\$380.00		\$0.00		\$0.00	0.0	\$0.00
E	DESIGN REVIEW, PRE-BID AND PRE-CONSTRUCTION MEETINGS										
1	Senior Environmental Specialist	HR	60	\$180.00	\$10,800.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	60	\$135.00	\$8,100.00		\$0.00		\$0.00	0.0	\$0.00
				SUBTOTAL PAGE 36 COST	\$124,174.50	SUBTOTAL PAGE 36 PREVIOUS	\$0.00	SUBTOTAL PAGE 36 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 36 TO DATE	\$0.00

AML 7A (Revised 12/6/2023)

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Application No.: 1

Page 37 of 71 Pages

Commodity Line: 5

Project Name:	Project 5 - Jadot Highwall and Portals
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WORK COMPLETEDAML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION												
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT												
Purchase Order No.: CPO DEPxx*xx						Application No.: 1		Page 38 of 71 Pages				
Contract Name: 2023 AML Contract N3												
Commodity Line: 5												
Project Name: Project 5 - Jadot Highwall and Portals												
SCHEDULE PER CONTRACT						WORK COMPLETED						
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	PREVIOUS UNITS	PREVIOUS BILLED COST	THIS APPLICATION UNITS	AMOUNT DUE THIS APPLICATION COST	TOTAL BILLED TO DATE UNITS	TOTAL BILLED TO DATE COST	
TASK II: REALTY												
A	Exploratory Rights of Entry (EROE)											
1	Realty Project Manager	HR	8	\$215.00	\$1,720.00		\$0.00		\$0.00	0.0	\$0.00	
2	Realty Agent						\$0.00		\$0.00	0.0	\$0.00	
a	Courthouse Work	HR	12	\$175.00	\$2,100.00		\$0.00		\$0.00	0.0	\$0.00	
b	Questionnaire/Landowner Corres	HR	63	\$175.00	\$11,025.00		\$0.00		\$0.00	0.0	\$0.00	
c	Field Recon /Landowner Corres. (Senior Engineer)	HR	87	\$215.00	\$18,705.00		\$0.00		\$0.00	0.0	\$0.00	
d	Field Recon /Landowner Corres. (Realty Agent)	HR	87	\$175.00	\$15,225.00		\$0.00		\$0.00	0.0	\$0.00	
e	Realty Office Work / AMLNET	HR	44	\$130.00	\$5,720.00		\$0.00		\$0.00	0.0	\$0.00	
f	Daily Reports	HR	52	\$175.00	\$9,100.00		\$0.00		\$0.00	0.0	\$0.00	
g	Weekly Reports	HR	7	\$175.00	\$1,225.00		\$0.00		\$0.00	0.0	\$0.00	
3	Mileage	Mile	3855	\$0.75	\$2,891.25		\$0.00		\$0.00	0.0	\$0.00	
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00	
a	Realty Sub Lodging	Day	25	\$107.00	\$2,675.00		\$0.00		\$0.00	0.0	\$0.00	
b	Realty Sub Meals	Day	32	\$59.00	\$1,888.00		\$0.00		\$0.00	0.0	\$0.00	
B	Construction Rights of Entry (CROE)											
1	Realty Project Manager	HR	8	\$215.00	\$1,720.00		\$0.00		\$0.00	0.0	\$0.00	
2	Realty Agent						\$0.00		\$0.00	0.0	\$0.00	
a	Courthouse Work	HR	12	\$175.00	\$2,100.00		\$0.00		\$0.00	0.0	\$0.00	
b	Field Recon /Landowner Corres. (Senior Engineer)	HR	87	\$215.00	\$18,705.00		\$0.00		\$0.00	0.0	\$0.00	
c	Field Recon /Landowner Corres. (Realty Agent)	HR	87	\$175.00	\$15,225.00		\$0.00		\$0.00	0.0	\$0.00	
d	Realty Office Work / AMLNET	HR	44	\$130.00	\$5,720.00		\$0.00		\$0.00	0.0	\$0.00	
e	Daily Reports	HR	36	\$175.00	\$6,300.00		\$0.00		\$0.00	0.0	\$0.00	
f	Weekly Reports	HR	5	\$175.00	\$875.00		\$0.00		\$0.00	0.0	\$0.00	
3	Mileage	Mile	2700	\$0.75	\$2,025.00		\$0.00		\$0.00	0.0	\$0.00	
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00	
a	Realty Sub Lodging	Day	19	\$107.00	\$2,033.00		\$0.00		\$0.00	0.0	\$0.00	
b	Realty Sub Meals	Day	24	\$59.00	\$1,416.00		\$0.00		\$0.00	0.0	\$0.00	
					SUBTOTAL PAGE 38 COST	\$128,393.25	SUBTOTAL PAGE 38 PREVIOUS	\$0.00	SUBTOTAL PAGE 38 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 38 TO DATE	\$0.00

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION												
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT												
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 39 of 71 Pages			
Contract Name: 2023 AML Contract N3												
Commodity Line: 5												
Project Name: Project 5 - Jadot Highwall and Portals						WORK COMPLETED						
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE		
TASK	DESCRIPTION		UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK II: REALTY (CONTINUED)												
C		Pre-Bid Conference										
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
D		Pre-Construction Conference										
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
E		30% In Person Plan Review										
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
					SUBTOTAL PAGE 39 COST	\$21,307.50	SUBTOTAL PAGE 39 PREVIOUS	\$0.00	SUBTOTAL PAGE 39 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 39 TO DATE	\$0.00
AML-7A (Revised 12/6/2023)												

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION												
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT												
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 40 of 71 Pages			
Contract Name: 2023 AML Contract N3												
Commodity Line: 5												
Project Name: Project 5 - Jadot Highwall and Portals						WORK COMPLETED						
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE		
TASK	DESCRIPTION		UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK II: REALTY (CONTINUED)												
F		90% Virtual Plan Review										
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
G		Final Plan Review										
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
H		Direct Costs										
	1	Fees	Each	1500	\$1.00	\$1,500.00		\$0.00		\$0.00	0.0	\$0.00
					SUBTOTAL PAGE 40 COST	\$15,795.00	SUBTOTAL PAGE 40 PREVIOUS	\$0.00	SUBTOTAL PAGE 40 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 40 TO DATE	\$0.00
					SUBTOTAL TASK II COST	\$165,405.75	SUBTOTAL TASK II PREVIOUS	\$0.00	SUBTOTAL TASK II APPLICATION	\$0.00	SUBTOTAL TASK II TO DATE	\$0.00

AM-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION															
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT															
Purchase Order No.: CPO DEPxx*xx						Application No.: 1				Page 42 of 71 Pages					
Contract Name: 2023 AML Contract N3															
Commodity Line: 5															
Project Name: Project 5 - Jadot Highwall and Portals						WORK COMPLETED									
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE					
TASK	DESCRIPTION				UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST			
TASK III: DESIGN (CONTINUED)															
C			GEOTECHNICAL INVESTIGATION												
	1	Project Manager / Senior Engineer			HR	18	\$250.00	\$4,500.00		\$0.00	0.0	\$0.00			
	2	Geotechnical Engineer/Geologist			HR	64	\$189.00	\$12,096.00		\$0.00	0.0	\$0.00			
	3	Jabot Mobilization / Demobilization			LS	1	\$18,464.00	\$18,464.00		\$0.00	0.0	\$0.00			
	4	Soil Augering			LF	270	\$26.00	\$7,020.00		\$0.00	0.0	\$0.00			
	5	Jabot Rock Coring			LF	30	\$84.00	\$2,520.00		\$0.00	0.0	\$0.00			
	6	Heavy Equipment			HR	50	\$250.00	\$12,500.00		\$0.00	0.0	\$0.00			
	7	Piezometer Installation			LF	200	\$26.00	\$5,200.00		\$0.00	0.0	\$0.00			
	8	Drill Crew Per Diem			Day	8	\$357.00	\$2,856.00		\$0.00	0.0	\$0.00			
	9	Jabot Reclamation			LS	1	\$7,500.00	\$7,500.00		\$0.00	0.0	\$0.00			
	10	Jabot Geotechnical Investigation Report			LS	1	\$10,374.00	\$10,374.00		\$0.00	0.0	\$0.00			
	11	Mileage			Mile	160	\$0.75	\$120.00		\$0.00	0.0	\$0.00			
D		ANALYSIS AND DESIGN													
	1	Project Manager / Senior Engineer			HR	60	\$250.00	\$15,000.00		\$0.00	0.0	\$0.00			
	2	Geotechnical Engineer			HR	8	\$250.00	\$2,000.00		\$0.00	0.0	\$0.00			
	3	Engineer			HR	150	\$190.00	\$28,500.00		\$0.00	0.0	\$0.00			
	4	Drafter			HR	170	\$125.00	\$21,250.00		\$0.00	0.0	\$0.00			
							SUBTOTAL PAGE 42 COST	\$149,900.00		SUBTOTAL PAGE 42 PREVIOUS	\$0.00	SUBTOTAL PAGE 42 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 42 TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Purchase Order No.: CPO DEPxx*xx						Application No.: 1				Page 43 of 71 Pages	
Contract Name: 2023 AML Contract N3											
Commodity Line: 5											
Project Name: Project 5 - Jadot Highwall and Portals											
SCHEDULE PER CONTRACT						WORK COMPLETED					
						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK III: DESIGN (CONTINUED)											
E	PREPARATION OF PLANS, SPECIFICATIONS AND ENGINEERS ESTIMATE										
1	Project Manager / Senior Engineer	HR	44	\$250.00	\$11,000.00		\$0.00		\$0.00	0.0	\$0.00
2	Engineer	HR	140	\$190.00	\$26,600.00		\$0.00		\$0.00	0.0	\$0.00
3	Drafter	HR	160	\$125.00	\$20,000.00		\$0.00		\$0.00	0.0	\$0.00
F	PERMITTING										
1	Project Manager / Senior Engineer	HR	60	\$250.00	\$15,000.00		\$0.00		\$0.00	0.0	\$0.00
2	Engineer / Environmental Scientist	HR	90	\$160.00	\$14,400.00		\$0.00		\$0.00	0.0	\$0.00
G	PRE-BID CONFERENCE										
1	Project Manager / Senior Engineer	HR	10	\$250.00	\$2,500.00		\$0.00		\$0.00	0.0	\$0.00
2	Mileage	Mile	20	\$0.75	\$15.00		\$0.00		\$0.00	0.0	\$0.00
3	Per Diem	Day	2	\$55.00	\$110.00		\$0.00		\$0.00	0.0	\$0.00
H	PRE-CONSTRUCTION CONFERENCE										
1	Project Manager / Senior Engineer	HR	10	\$250.00	\$2,500.00		\$0.00		\$0.00	0.0	\$0.00
2	Design Construction Inspector	HR	10	\$125.00	\$1,250.00		\$0.00		\$0.00	0.0	\$0.00
3	Mileage	Mile	20	\$0.75	\$15.00		\$0.00		\$0.00	0.0	\$0.00
SUBTOTAL PAGE 43 COST					\$93,390.00	SUBTOTAL PAGE 43 PREVIOUS	\$0.00	SUBTOTAL PAGE 43 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 43 TO DATE	\$0.00
SUBTOTAL TASK III COST					\$431,008.25	SUBTOTAL TASK III PREVIOUS	\$0.00	SUBTOTAL TASK III APPLICATION	\$0.00	SUBTOTAL TASK III TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Page 44 of 71 Pages

Commodity Line: 5

Project Name: Project 5 - Jadot Highwall and Portals

WORK COMPLETED

Project 5 - Jadot Highwall and Portals

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION											
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT											
Purchase Order No.: CPO DEPxx*xx						Application No.: 1				Page 45 of 71 Pages	
Contract Name: 2023 AML Contract N3											
Commodity Line: 6											
Project Name: Project 6 - Miller Highwall & Portal						WORK COMPLETED					
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK I: NEPA & ESA											
A	AGENCY COORDINATION										
1	Senior Environmental Specialist	HR	33	\$180.00	\$5,940.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist I / Archaeologist Specialist I	HR	16	\$100.00	\$1,600.00		\$0.00		\$0.00	0.0	\$0.00
3	Milenge	Mile	280	\$0.75	\$210.00		\$0.00		\$0.00	0.0	\$0.00
B	WETLAND AND WATER STUDIES										
1	Senior Environmental Specialist	HR	8	\$180.00	\$1,440.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	32	\$135.00	\$4,320.00		\$0.00		\$0.00	0.0	\$0.00
3	Environmental Specialist I / Archaeologist Specialist I	HR	42	\$100.00	\$4,200.00		\$0.00		\$0.00	0.0	\$0.00
4	Project Support Specialist	HR	2	\$95.00	\$190.00		\$0.00		\$0.00	0.0	\$0.00
5	Milenge	Mile	140	\$0.75	\$105.00		\$0.00		\$0.00	0.0	\$0.00
							\$0.00		\$0.00	0.0	\$0.00
C	POTENTIAL BAT ROOST TREE ASSESSMENT										
1	Senior Environmental Specialist	HR	37	\$180.00	\$6,660.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist I / Archaeologist Specialist I	HR	61	\$100.00	\$6,100.00		\$0.00		\$0.00	0.0	\$0.00
3	Mileage	Mile	470	\$0.75	\$352.50		\$0.00		\$0.00	0.0	\$0.00
D	EA DOCUMENT										
1	Senior Environmental Specialist	HR	96	\$180.00	\$17,280.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	90	\$135.00	\$12,150.00		\$0.00		\$0.00	0.0	\$0.00
3	Environmental Specialist I / Archaeologist Specialist I	HR	92	\$100.00	\$9,200.00		\$0.00		\$0.00	0.0	\$0.00
4	Project Support Specialist	HR	4	\$95.00	\$380.00		\$0.00		\$0.00	0.0	\$0.00
E	DESIGN REVIEW, PRE-BID AND PRE-CONSTRUCTION MEETINGS										
1	Senior Environmental Specialist	HR	60	\$180.00	\$10,800.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	60	\$135.00	\$8,100.00		\$0.00		\$0.00	0.0	\$0.00
SUBTOTAL PAGE 45 COST					\$89,027.50	SUBTOTAL PAGE 45 PREVIOUS	\$0.00	SUBTOTAL PAGE 45 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 45 TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION												
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT												
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 46 of 71 Pages			
Contract Name: 2023 AML Contract N3						WORK COMPLETED						
Commodity Line: 6												
Project Name: Project 6 - Miller Highwall & Portal												
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE		
TASK	DESCRIPTION		UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK I: NEPA & ESA (CONTINUED)												
F		USACE 404/401 PERMITTING										
	1	Senior Environmental Specialist	HR	60	\$180.00	\$10,800.00		\$0.00		\$0.00	0.0	\$0.00
	2	Environmental Specialist II / Archaeologist Specialist II	HR	22	\$135.00	\$2,970.00		\$0.00		\$0.00	0.0	\$0.00
	3	Environmental Specialist I / Archaeologist Specialist I	HR	57	\$100.00	\$5,700.00						
	4	Project Support Specialist	HR	2	\$95.00	\$190.00						
	5	Mileage	Mile	470	\$0.75	\$352.50				\$0.00	0.0	\$0.00
								\$0.00		\$0.00	0.0	\$0.00
								\$0.00		\$0.00	0.0	\$0.00
G		WVDNR STREAM ACTIVITY PERMIT						\$0.00		\$0.00	0.0	\$0.00
	1	Senior Environmental Specialist	HR	2	\$180.00	\$360.00		\$0.00		\$0.00	0.0	\$0.00
	2	Environmental Specialist II / Archaeologist Specialist II	HR	2	\$135.00	\$270.00		\$0.00		\$0.00	0.0	\$0.00
	3	Environmental Specialist I / Archaeologist Specialist I	HR	3	\$100.00	\$300.00		\$0.00		\$0.00	0.0	\$0.00
	4	Project Support Specialist	HR	2	\$95.00	\$190.00		\$0.00		\$0.00	0.0	\$0.00
					SUBTOTAL PAGE 46 COST	\$21,132.50	SUBTOTAL PAGE 46 PREVIOUS	\$0.00	SUBTOTAL PAGE 46 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 46 TO DATE	\$0.00
					SUBTOTAL TASK I COST	\$110,160.00	SUBTOTAL TASK I PREVIOUS	\$0.00	SUBTOTAL TASK I APPLICATION	\$0.00	SUBTOTAL TASK I TO DATE	\$0.00
AML-7A (Revised 12/6/2023)												

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Purchase Order No.: CPO DEPxx*xx						Application No.: 1		Page 47 of 71 Pages				
Contract Name: 2023 AML Contract N3												
Commodity Line: 6												
Project Name: Project 6 - Miller Highwall & Portal												
SCHEDULE PER CONTRACT						WORK COMPLETED						
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	PREVIOUS UNITS	PREVIOUS BILLED COST	THIS APPLICATION UNITS	AMOUNT DUE THIS APPLICATION COST	TOTAL BILLED TO DATE		
										UNITS	COST	
TASK II: REALTY												
A	Exploratory Rights of Entry (EROE)											
1	Realty Project Manager	HR	8	\$215.00	\$1,720.00							
2	Realty Agent						\$0.00		\$0.00	0.0	\$0.00	
a	Courthouse Work	HR	9	\$175.00	\$1,575.00		\$0.00		\$0.00	0.0	\$0.00	
b	Questionnaire/Landowner Corres.	HR	34	\$175.00	\$5,950.00		\$0.00		\$0.00	0.0	\$0.00	
c	Field Recon. /Landowner Corres. (Senior Engineer)	HR	46	\$215.00	\$9,890.00		\$0.00		\$0.00	0.0	\$0.00	
d	Field Recon. /Landowner Corres. (Realty Agent)	HR	46	\$175.00	\$8,050.00		\$0.00		\$0.00	0.0	\$0.00	
e	Realty Office Work / AMLNET	HR	26	\$130.00	\$3,380.00		\$0.00		\$0.00	0.0	\$0.00	
f	Daily Reports	HR	31	\$175.00	\$5,425.00		\$0.00		\$0.00	0.0	\$0.00	
g	Weekly Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00	
3	Mileage	Mile	2575	\$0.75	\$1,931.25		\$0.00		\$0.00	0.0	\$0.00	
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00	
a	Realty Sub Lodging	Day	15	\$107.00	\$1,605.00		\$0.00		\$0.00	0.0	\$0.00	
b	Realty Sub Meals	Day	17	\$59.00	\$1,003.00		\$0.00		\$0.00	0.0	\$0.00	
							\$0.00		\$0.00	0.0	\$0.00	
B	Construction Rights of Entry (CROE)											
1	Realty Project Manager	HR	8	\$215.00	\$1,720.00							
2	Realty Agent						\$0.00		\$0.00	0.0	\$0.00	
a	Courthouse Work	HR	9	\$175.00	\$1,575.00		\$0.00		\$0.00	0.0	\$0.00	
b	Field Recon. /Landowner Corres. (Senior Engineer)	HR	46	\$215.00	\$9,890.00		\$0.00		\$0.00	0.0	\$0.00	
c	Field Recon. /Landowner Corres. (Realty Agent)	HR	46	\$175.00	\$8,050.00		\$0.00		\$0.00	0.0	\$0.00	
d	Realty Office Work / AMLNET	HR	26	\$130.00	\$3,380.00		\$0.00		\$0.00	0.0	\$0.00	
e	Daily Reports	HR	22	\$175.00	\$3,850.00		\$0.00		\$0.00	0.0	\$0.00	
f	Weekly Reports	HR	3	\$175.00	\$525.00		\$0.00		\$0.00	0.0	\$0.00	
3	Mileage	Mile	1870	\$0.75	\$1,402.50		\$0.00		\$0.00	0.0	\$0.00	
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00	
a	Realty Sub Lodging	Day	11	\$107.00	\$1,177.00		\$0.00		\$0.00	0.0	\$0.00	
b	Realty Sub Meals	Day	13	\$59.00	\$767.00		\$0.00		\$0.00	0.0	\$0.00	
							\$0.00		\$0.00	0.0	\$0.00	
					SUBTOTAL PAGE 47 COST	\$73,565.75	SUBTOTAL PAGE 47 PREVIOUS	\$0.00	SUBTOTAL PAGE 47 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 47 TO DATE	\$0.00

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION													
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT													
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 48 of 71 Pages				
Contract Name: 2023 AML Contract N3						WORK COMPLETED							
Commodity Line: 6													
Project Name: Project 6 - Miller Highwall & Portal													
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE			
TASK		DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST	
TASK II: REALTY (CONTINUED)													
C		Pre-Bid Conference											
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00	
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00	
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00	
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00	
3		Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00	
4		Per Diem						\$0.00		\$0.00	0.0	\$0.00	
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00	
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00	
D		Pre-Construction Conference											
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00	
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00	
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00	
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00	
3		Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00	
4		Per Diem						\$0.00		\$0.00	0.0	\$0.00	
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00	
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00	
E		30% In Person Plan Review											
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00	
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00	
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00	
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00	
3		Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00	
4		Per Diem						\$0.00		\$0.00	0.0	\$0.00	
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00	
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00	
					SUBTOTAL PAGE 48 COST	\$21,307.50		SUBTOTAL PAGE 48 PREVIOUS	\$0.00	SUBTOTAL PAGE 48 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 48 TO DATE	\$0.00

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Purchase Order No.: CPO DEPxx*xx						Application No.: 1		Page 49 of 71 Pages			
Contract Name: 2023 AML Contract N3											
Commodity Line: 6											
Project Name: Project 6 - Miller Highwall & Portal											
SCHEDULE PER CONTRACT						WORK COMPLETED					
						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK II: REALTY (CONTINUED)											
F	90% Virtual Plan Review										
1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
G	Final Plan Review										
1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
H	Direct Costs										
1	Fees	Each	1500	\$1.00	\$1,500.00		\$0.00		\$0.00	0.0	\$0.00
SUBTOTAL PAGE 49 COST					\$15,705.00	SUBTOTAL PAGE 49 PREVIOUS	\$0.00	SUBTOTAL PAGE 49 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 49 TO DATE	\$0.00
SUBTOTAL TASK II COST					\$110,578.25	SUBTOTAL TASK II PREVIOUS	\$0.00	SUBTOTAL TASK II APPLICATION	\$0.00	SUBTOTAL TASK II TO DATE	\$0.00

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION													
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT													
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 50 of 71 Pages				
Contract Name: 2023 AML Contract N3						WORK COMPLETED							
Commodity Line: 6													
Project Name: Project 6 - Miller Highwall & Portal													
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE			
TASK	DESCRIPTION				UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	
TASK III: DESIGN													
A	SITE RECONNAISSANCE AND INVESTIGATIONS												
	1	Project Manager / Senior Engineer			HR	50	\$250.00	\$12,500.00		\$0.00		\$0.00	
	2	Mileage			Mile	110	\$0.75	\$82.50		\$0.00		\$0.00	
	3	Per Diem			Day	8	\$55.00	\$440.00		\$0.00		\$0.00	
B	SURVEYING & MAPPING												
	1	Survey Project Manager			HR	10	\$125.00	\$1,250.00		\$0.00		\$0.00	
	2	Administration			HR	5	\$75.00	\$375.00		\$0.00		\$0.00	
	3	Staff Engineer			HR	6	\$170.00	\$1,020.00		\$0.00		\$0.00	
	4	Professional Surveyor / Chief Surveyor			HR	40	\$125.00	\$5,000.00		\$0.00		\$0.00	
	5	Survey Crew			HR	228	\$178.75	\$40,755.00		\$0.00		\$0.00	
	6	CADD Technician			HR	70	\$110.00	\$7,700.00		\$0.00		\$0.00	
	7	Drafter			HR	80	\$125.00	\$10,000.00		\$0.00		\$0.00	
	8	Aerial Lidar Data Acquisition and Calibration			LS	1	\$3,060.00	\$3,060.00		\$0.00		\$0.00	
	9	Miller Photogrammetric Mapping			LS	1	\$4,467.00	\$4,467.00		\$0.00		\$0.00	
	10	Mileage			Mile	680	\$0.75	\$510.00		\$0.00		\$0.00	
	11	Survey Per Diem Meals			Day	56	\$59.00	\$3,304.00		\$0.00		\$0.00	
	12	Survey Per Diem Lodging			Day	46	\$120.00	\$5,520.00		\$0.00		\$0.00	
	13	Miller Supplies			LS	1	\$375.00	\$375.00		\$0.00		\$0.00	
	14	Time-lapsed drone Videos and Photos			Each	3.00	\$5,000.00	\$15,000.00		\$0.00		\$0.00	
						SUBTOTAL PAGE 50		\$111,358.50		SUBTOTAL PAGE 50		\$0.00	
						COST				PREVIOUS			
										SUBTOTAL PAGE 50 THIS APPLICATION		\$0.00	
											SUBTOTAL PAGE 50 TO DATE		\$0.00
AML-7A (Revised 12/6/2023)													

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION														
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT														
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 51 of 71 Pages					
Contract Name: 2023 AML Contract N3														
Commodity Line: 6														
Project Name: Project 6 - Miller Highwall & Portal						WORK COMPLETED								
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE				
TASK	DESCRIPTION				UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST						
TASK III: DESIGN (CONTINUED)														
C			GEOTECHNICAL INVESTIGATION											
	1		Project Manager / Senior Engineer			HR	18	\$250.00	\$4,500.00					
	2		Geotechnical Engineer/Geologist			HR	16	\$189.00	\$3,024.00	\$0.00	\$0.00			
	3		Miller Mobilization / Demobilization			LS	1	\$3,356.00	\$3,356.00	\$0.00	\$0.00			
	4		Soil Augering			LF	135	\$26.00	\$3,510.00	\$0.00	\$0.00			
	5		Miller Rock Coring			LF	15	\$84.00	\$1,260.00	\$0.00	\$0.00			
	6		Heavy Equipment			HR	20	\$250.00	\$5,000.00	\$0.00	\$0.00			
	7		Piezometer Installation			LF	0	\$26.00	\$0.00	\$0.00	\$0.00			
	8		Drill Crew Per Diem			Day	2	\$357.00	\$714.00	\$0.00	\$0.00			
	9		Miller Reclamation			LS	1	\$2,500.00	\$2,500.00	\$0.00	\$0.00			
	10		Miller Geotechnical Investigation Report			LS	1	\$6,638.00	\$6,638.00	\$0.00	\$0.00			
	11		Mileage			Mile	40	\$0.75	\$30.00	\$0.00	\$0.00			
D			ANALYSIS AND DESIGN											
	1		Project Manager / Senior Engineer			HR	60	\$250.00	\$15,000.00	\$0.00	\$0.00			
	2		Geotechnical Engineer			HR	8	\$250.00	\$2,000.00	\$0.00	\$0.00			
	3		Engineer			HR	160	\$190.00	\$30,400.00	\$0.00	\$0.00			
	4		Drafter			HR	200	\$125.00	\$25,000.00	\$0.00	\$0.00			
						SUBTOTAL PAGE 51 COST		\$102,932.00	SUBTOTAL PAGE 51 PREVIOUS	\$0.00	SUBTOTAL PAGE 51 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 51 TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION												
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT												
Purchase Order No.: CPO DEPxx*xx						Application No.: 1				Page 52 of 71 Pages		
Contract Name: 2023 AML Contract N3												
Commodity Line: 6												
Project Name: Project 6 - Miller Highwall & Portal						WORK COMPLETED						
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE		
TASK	DESCRIPTION		UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK III: DESIGN (CONTINUED)												
E		PREPARATION OF PLANS, SPECIFICATIONS AND ENGINEERS ESTIMATE										
	1	Project Manager / Senior Engineer	HR	44	\$250.00	\$11,000.00		\$0.00		\$0.00	0.0	\$0.00
	2	Geotechnical Engineer	HR	8	\$250.00	\$2,000.00		\$0.00		\$0.00	0.0	\$0.00
	3	Engineer	HR	140	\$190.00	\$26,600.00		\$0.00		\$0.00	0.0	\$0.00
	4	Design CADD Technician	HR	160	\$125.00	\$20,000.00		\$0.00		\$0.00	0.0	\$0.00
	6											
F		PERMITTING										
	1	Project Manager / Senior Engineer	HR	60	\$250.00	\$15,000.00		\$0.00		\$0.00	0.0	\$0.00
	2	Engineer / Environmental Scientist	HR	80	\$160.00	\$12,800.00		\$0.00		\$0.00	0.0	\$0.00
G		PRE-BID CONFERENCE										
	1	Project Manager / Senior Engineer	HR	10	\$250.00	\$2,500.00		\$0.00		\$0.00	0.0	\$0.00
	2	Mileage	Mile	17	\$0.75	\$12.75		\$0.00		\$0.00	0.0	\$0.00
	3	Per Diem	Day	2	\$55.00	\$110.00		\$0.00		\$0.00	0.0	\$0.00
H		PRE-CONSTRUCTION CONFERENCE										
	1	Project Manager / Senior Engineer	HR	10	\$250.00	\$2,500.00		\$0.00		\$0.00	0.0	\$0.00
	2	Design Construction Inspector	HR	10	\$125.00	\$1,250.00		\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	MILE	20	\$0.75	\$15.00		\$0.00		\$0.00	0.0	\$0.00
					SUBTOTAL PAGE 52 COST	\$93,787.75	SUBTOTAL PAGE 52 PREVIOUS	\$0.00	SUBTOTAL PAGE 52 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 52 TO DATE	\$0.00
					SUBTOTAL TASK III COST	\$308,078.25	SUBTOTAL TASK III PREVIOUS	\$0.00	SUBTOTAL TASK III APPLICATION	\$0.00	SUBTOTAL TASK III TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Purchase Order No.: CPO DEPxx*xx						Application No.: 1		Page 53 of 71 Pages			
Contract Name: 2023 AML Contract N3											
Commodity Line: 6											
Project Name: Project 6 - Miller Highwall & Portal											
SCHEDULE PER CONTRACT						WORK COMPLETED					
						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK IV: CONSTRUCTION OVERSIGHT											
A	Construction Inspection										
1	Construction Project Manager	HR	108	\$198.00	\$21,384.00		\$0.00		\$0.00	0.0	\$0.00
2	Senior Construction Manager	HR	312	\$188.00	\$58,656.00		\$0.00		\$0.00	0.0	\$0.00
3	Construction Inspector						\$0.00		\$0.00	0.0	\$0.00
a	Construction Inspection	HR	864	\$132.00	\$114,048.00		\$0.00		\$0.00	0.0	\$0.00
b	Office Work / AMLNET	HR	72	\$132.00	\$9,504.00		\$0.00		\$0.00	0.0	\$0.00
c	Mileage	Mile	2160	\$0.75	\$1,620.00		\$0.00		\$0.00	0.0	\$0.00
				SUBTOTAL TASK IV COST	\$205,212.00	SUBTOTAL TASK IV PREVIOUS	\$0.00	SUBTOTAL TASK IV APPLICATION	\$0.00	SUBTOTAL TASK IV TO DATE	\$0.00
TASK V: POST-CONSTRUCTION OVERSIGHT											
A	FIELD VISITS / INSPECTIONS										
1	Construction Project Manager	HR	40	\$198.00	\$7,920.00		\$0.00		\$0.00	0.0	\$0.00
2	Senior Construction Manager	HR	40	\$188.00	\$7,520.00		\$0.00		\$0.00	0.0	\$0.00
3	Construction Inspector	HR	208	\$132.00	\$27,456.00		\$0.00		\$0.00	0.0	\$0.00
4	Mileage	Mile	720	\$0.75	\$540.00		\$0.00		\$0.00	0.0	\$0.00
				SUBTOTAL TASK V COST	\$43,436.00	SUBTOTAL TASK V PREVIOUS	\$0.00	SUBTOTAL TASK V APPLICATION	\$0.00	SUBTOTAL TASK V TO DATE	\$0.00
				SUBTOTAL PAGE 53 COST	\$248,648.00	SUBTOTAL PAGE 53 PREVIOUS	\$0.00	SUBTOTAL PAGE 53 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 53 TO DATE	\$0.00
				PROJECT TOTAL COST	\$777,464.50	PROJECT TOTAL PREVIOUS	\$0.00	PROJECT TOTAL THIS APPLICATION	\$0.00	PROJECT TOTAL TO DATE	\$0.00

Project 6 - Miller Highwall & Portal

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

AML-7A (Revised 12/6/2023)

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Application No.: 1

Page 55 of 71 Pages

Commodity Line: 7

Project Name:	Project 7 - Turner Highwall
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WORK COMPLETED

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION												
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT												
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 56 of 71 Pages			
Contract Name: 2023 AML Contract N3												
Commodity Line: 7												
Project Name: Project 7 - Turner Highwall												
SCHEDULE PER CONTRACT						WORK COMPLETED						
						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE		
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST	
TASK II: REALTY												
A	Exploratory Rights of Entry (EROE)											
1	Realty Project Manager	HR	8	\$215.00	\$1,720.00		\$0.00		\$0.00	0.0	\$0.00	
2	Realty Agent						\$0.00		\$0.00	0.0	\$0.00	
a	Courthouse Work	HR	9	\$175.00	\$1,575.00		\$0.00		\$0.00	0.0	\$0.00	
b	Questionnaire/Landowner Corres.	HR	34	\$175.00	\$5,950.00		\$0.00		\$0.00	0.0	\$0.00	
c	Field Recon. /Landowner Corres. (Senior Engineer)	HR	46	\$215.00	\$9,890.00		\$0.00		\$0.00	0.0	\$0.00	
d	Field Recon. /Landowner Corres. (Realty Agent)	HR	46	\$175.00	\$8,050.00		\$0.00		\$0.00	0.0	\$0.00	
e	Realty Office Work / AMLNET	HR	26	\$130.00	\$3,380.00		\$0.00		\$0.00	0.0	\$0.00	
f	Daily Reports	HR	31	\$175.00	\$5,425.00		\$0.00		\$0.00	0.0	\$0.00	
g	Weekly Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00	
3	Mileage	Mile	2575	\$0.75	\$1,931.25		\$0.00		\$0.00	0.0	\$0.00	
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00	
a	Realty Sub Lodging	Day	15	\$107.00	\$1,605.00		\$0.00		\$0.00	0.0	\$0.00	
b	Realty Sub Meals	Day	17	\$59.00	\$1,003.00		\$0.00		\$0.00	0.0	\$0.00	
B	Construction Rights of Entry (CROE)											
1	Realty Project Manager	HR	8	\$215.00	\$1,720.00		\$0.00		\$0.00	0.0	\$0.00	
2	Realty Agent						\$0.00		\$0.00	0.0	\$0.00	
a	Courthouse Work	HR	9	\$175.00	\$1,575.00		\$0.00		\$0.00	0.0	\$0.00	
b	Field Recon. /Landowner Corres. (Senior Engineer)	HR	46	\$215.00	\$9,890.00		\$0.00		\$0.00	0.0	\$0.00	
c	Field Recon. /Landowner Corres. (Realty Agent)	HR	46	\$175.00	\$8,050.00		\$0.00		\$0.00	0.0	\$0.00	
d	Realty Office Work / AMLNET	HR	26	\$130.00	\$3,380.00		\$0.00		\$0.00	0.0	\$0.00	
e	Daily Reports	HR	22	\$175.00	\$3,850.00		\$0.00		\$0.00	0.0	\$0.00	
f	Weekly Reports	HR	3	\$175.00	\$525.00		\$0.00		\$0.00	0.0	\$0.00	
3	Mileage	Mile	1870	\$0.75	\$1,402.50		\$0.00		\$0.00	0.0	\$0.00	
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00	
a	Realty Sub Lodging	Day	11	\$107.00	\$1,177.00		\$0.00		\$0.00	0.0	\$0.00	
b	Realty Sub Meals	Day	13	\$59.00	\$767.00		\$0.00		\$0.00	0.0	\$0.00	
					SUBTOTAL PAGE 56 COST	\$73,565.75	SUBTOTAL PAGE 56 PREVIOUS	\$0.00	SUBTOTAL PAGE 56 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 56 TO DATE	\$0.00

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Purchase Order No.: CPO DEPxx*xx						Application No.: 1		Page 57 of 71 Pages			
Contract Name: 2023 AML Contract N3											
Commodity Line: 7											
Project Name: Project 7 - Turner Highwall						WORK COMPLETED					
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK II: REALTY (CONTINUED)											
C	Pre-Bid Conference										
1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
D	Pre-Construction Conference										
1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
E	30% In Person Plan Review										
1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
SUBTOTAL PAGE 57 COST					\$21,307.50	SUBTOTAL PAGE 57 PREVIOUS		\$0.00	SUBTOTAL PAGE 57 THIS APPLICATION		\$0.00
SUBTOTAL PAGE 57 TO DATE						SUBTOTAL PAGE 57 TO DATE			SUBTOTAL PAGE 57 TO DATE		\$0.00

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION														
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT														
Purchase Order No.: CPO DEPxx*xx						Application No.: 1				Page 58 of 71 Pages				
Contract Name: 2023 AML Contract N3														
Commodity Line: 7														
Project Name: Project 7 - Turner Highwall						WORK COMPLETED								
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE				
TASK	DESCRIPTION				UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST		
TASK II: REALTY (CONTINUED)														
F		90% Virtual Plan Review												
	1	Realty Project Manager				HR	13	\$215.00	\$2,795.00		\$0.00	\$0.00	\$0.00	
	2	Realty Agent				HR	13	\$175.00	\$2,275.00		\$0.00	\$0.00	\$0.00	
	a	Daily Reports				HR	4	\$175.00	\$700.00		\$0.00	\$0.00	\$0.00	
	b	Weekly Reports				HR	2	\$175.00	\$350.00		\$0.00	\$0.00	\$0.00	
	3	Mileage				Mile	710	\$0.75	\$532.50		\$0.00	\$0.00	\$0.00	
	4	Per Diem									\$0.00	\$0.00	\$0.00	
	a	Realty Sub Lodging				Day	2	\$107.00	\$214.00		\$0.00	\$0.00	\$0.00	
	b	Realty Sub Meals				Day	4	\$59.00	\$236.00		\$0.00	\$0.00	\$0.00	
G		Final Plan Review												
	1	Realty Project Manager				HR	13	\$215.00	\$2,795.00		\$0.00	\$0.00	\$0.00	
	2	Realty Agent				HR	13	\$175.00	\$2,275.00		\$0.00	\$0.00	\$0.00	
	a	Daily Reports				HR	4	\$175.00	\$700.00		\$0.00	\$0.00	\$0.00	
	b	Weekly Reports				HR	2	\$175.00	\$350.00		\$0.00	\$0.00	\$0.00	
	3	Mileage				Mile	710	\$0.75	\$532.50		\$0.00	\$0.00	\$0.00	
	4	Per Diem									\$0.00	\$0.00	\$0.00	
	a	Realty Sub Lodging				Day	2	\$107.00	\$214.00		\$0.00	\$0.00	\$0.00	
	b	Realty Sub Meals				Day	4	\$59.00	\$236.00		\$0.00	\$0.00	\$0.00	
H		Direct Costs												
	1	Fees				Each	1500	\$1.00	\$1,500.00		\$0.00	\$0.00	\$0.00	
							SUBTOTAL PAGE 58 COST	\$15,705.00	SUBTOTAL PAGE 58 PREVIOUS	\$0.00	SUBTOTAL PAGE 58 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 58 TO DATE	\$0.00
							SUBTOTAL TASK II COST	\$110,578.25	SUBTOTAL TASK II PREVIOUS	\$0.00	SUBTOTAL TASK II APPLICATION	\$0.00	SUBTOTAL TASK II TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Page 59 of 71 Pages

Commodity Line: 7

Project Name:	Project 7 - Turner Highwall
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SCHEDULE PER CONTRACT

PREVIOUS BILLED

THIS

AMOUNT DUE THIS

TOTAL BILLED TO DATE

DESCRIPTION

UNIT

CONTRACT	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
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UNIT BID
PRICE

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UNIT

UNIT

TASK III: DESIGN

A			SITE RECONNAISSANCE AND INVESTIGATIONS
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1	Project Manager / Senior Engineer
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2	Milcage
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	3	Per Diem
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B			SURVEYING & MAPPING
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	1	Survey Project Manager
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2	Administration
---	----------------

3	Staff Engineer
---	----------------

4	Professional Surveyor / Chief Surveyor
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4	Professional Engineer
5	Survey Crew

5	Survey Crew
6	CADD Technician

6	CADD Technician
7	Drafter

7	Drafter
8	Aerial Lidar Data Acquisition and Calibration

8	Aerial Lidar Data Acquisition and
9	Topographic Data Acquisition and

	9	Turner Ph
	2.5	2.5

	10	Milcage
	10	5

11	Survey Per Diem Meals
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	12	Survey Per Diem Lodging
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	13	Turner Su
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14	Time-lapsed drone Videos and Photos
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SUBTOTAL
PAGE 59
COST

\$144,785.00

SUBTOTAL
PAGE 59
PREVIOUS

\$0.00

	SUBTOTAL	
	PAGE 59 THIS	
	APPLICATION	

\$0.00

**SUBTOTAL
PAGE 59 TO
DATE**

\$0.00

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION	
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT	

Purchase Order No.: CPO DEPxx*xx	Application No.: 1	Page 60 of 71 Pages
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Contract Name:	2023 AML Contract N3
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Commodity Line: 7	
	WORK COMPLETED

[illegible]

SCHEDULE PER CONTRACT	PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE
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TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
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[illegible]

TASK III: DESIGN (CONTINUED)									
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[illegible]

1	Project Manager / Senior Engineer	HR	18	\$250.00	\$4,500.00	\$0.00	\$0.00	0.0	\$0.00
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2	Geotechnical Engineer/Geologist	HR	48	\$189.00	\$9,072.00	\$0.00	\$0.00	0.0	\$0.00
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3	Turner Mobilization / Demobilization	LS	1	\$7,358.00	\$7,358.00	\$0.00	\$0.00	0.0	\$0.00
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4	Soil Augering	LF	410	\$26.00	\$10,660.00	\$0.00	\$0.00	0.0	\$0.00
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5	Turner Rock Coring	LF	40	\$84.00	\$3,360.00	\$0.00	\$0.00	0.0	\$0.00
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6	Heavy Equipment	HR	20	\$250.00	\$5,000.00	\$0.00	\$0.00	0.0	\$0.00
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7	Drill Crew Per Diem	Day	6	\$357.00	\$2,142.00	\$0.00	\$0.00	0.0	\$0.00
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8	Turner Reclamation	LS	1	\$5,000.00	\$5,000.00	\$0.00	\$0.00	0.0	\$0.00
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9	Tuner Geotechnical Investigation Report	LS	1	\$11,658.00	\$11,658.00	\$0.00	\$0.00	0.0	\$0.00
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10	Mileage	Mile	120	\$0.75	\$90.00	\$0.00	\$0.00	0.0	\$0.00
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[illegible][illegible]

1	Project Manager / Senior Engineer	HR	54	\$250.00	\$13,500.00		\$0.00		\$0.00	0.0	\$0.00
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2	Geotechnical Engineer	HR	8	\$250.00	\$2,000.00	\$0.00	\$0.00	0.0	\$0.00
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3	Engineer	HR	160	\$190.00	\$30,400.00	\$0.00	\$0.00	0.0	\$0.00
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4	Drafter	HR	140	\$125.00	\$17,500.00	\$0.00	\$0.00	0.0	\$0.00
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[illegible]

	SUBTOTAL	\$122,240.00	SUBTOTAL	\$0.00	SUBTOTAL	\$0.00	SUBTOTAL	\$0.00
PAGE 60			PAGE 60		PAGE 60 THIS		PAGE 60 TO	

COST	PREVIOUS	APPLICATION	DATE
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WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION													
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT													
Purchase Order No.: CPO DEPxx*xx						Application No.: 1				Page 61 of 71 Pages			
Contract Name: 2023 AML Contract N3						WORK COMPLETED							
Commodity Line: 7													
Project Name: Project 7 - Turner Highwall													
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE			
TASK	DESCRIPTION			UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST		
TASK III: DESIGN (CONTINUED)													
E		PREPARATION OF PLANS, SPECIFICATIONS AND ENGINEERS ESTIMATE											
	1	Project Manager / Senior Engineer			HR	44	\$250.00	\$11,000.00	\$0.00	\$0.00	0.0	\$0.00	
	2	Geotechnical Engineer			HR	8	\$250.00	\$2,000.00	\$0.00	\$0.00	0.0	\$0.00	
	3	Engineer			HR	160	\$190.00	\$30,400.00	\$0.00	\$0.00	0.0	\$0.00	
	4	Drafter			HR	140	\$125.00	\$17,500.00	\$0.00	\$0.00	0.0	\$0.00	
F		PERMITTING											
	1	Project Manager / Senior Engineer			HR	60	\$250.00	\$15,000.00	\$0.00	\$0.00	0.0	\$0.00	
	2	Engineer / Environmental Scientist			HR	80	\$160.00	\$12,800.00	\$0.00	\$0.00	0.0	\$0.00	
G		PRE-BID CONFERENCE											
	1	Project Manager / Senior Engineer			HR	10	\$250.00	\$2,500.00	\$0.00	\$0.00	0.0	\$0.00	
	2	Mileage			Mile	20	\$0.75	\$15.00	\$0.00	\$0.00	0.0	\$0.00	
	3	Per Diem			Day	2	\$55.00	\$110.00	\$0.00	\$0.00	0.0	\$0.00	
H		PRE-CONSTRUCTION CONFERENCE											
	1	Project Manager / Senior Engineer			HR	10	\$250.00	\$2,500.00	\$0.00	\$0.00	0.0	\$0.00	
	2	Design Construction Inspector			HR	10	\$125.00	\$1,250.00	\$0.00	\$0.00	0.0	\$0.00	
	3	Mileage			Mile	20	\$0.75	\$15.00	\$0.00	\$0.00	0.0	\$0.00	
						SUBTOTAL PAGE 61 COST	\$95,090.00	SUBTOTAL PAGE 61 PREVIOUS	\$0.00	SUBTOTAL PAGE 61 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 61 TO DATE	\$0.00
						SUBTOTAL TASK III COST	\$362,115.00	SUBTOTAL TASK III PREVIOUS	\$0.00	SUBTOTAL TASK III APPLICATION	\$0.00	SUBTOTAL TASK III TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Page 62 of 71 Pages

Commodity Line: 7

WORK COMPLETED

TOTAL BILLED TO DATE

Project 7 - Turner Highway

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION											
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT											
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 63 of 71 Pages		
Contract Name: 2023 AML Contract N3											
Commodity Line: 8											
Project Name: Project 8 - West Run #2						WORK COMPLETED					
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK I: NEPA & ESA											
A	AGENCY COORDINATION										
1	Senior Environmental Specialist	HR	33	\$180.00	\$5,940.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist I / Archaeologist Specialist I	HR	16	\$100.00	\$1,600.00				\$0.00	0.0	\$0.00
3	Mileage	Mile	280	\$0.75	\$210.00		\$0.00		\$0.00	0.0	\$0.00
B	WETLAND AND WATER STUDIES										
1	Senior Environmental Specialist	HR	12	\$180.00	\$2,160.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	83	\$135.00	\$11,205.00		\$0.00		\$0.00	0.0	\$0.00
3	Environmental Specialist I / Archaeologist Specialist I	HR	119	\$100.00	\$11,900.00		\$0.00		\$0.00	0.0	\$0.00
4	Project Support Specialist	HR	2	\$95.00	\$190.00		\$0.00		\$0.00	0.0	\$0.00
5	Mileage	Mile	560	\$0.75	\$420.00		\$0.00		\$0.00	0.0	\$0.00
C	POTENTIAL BAT ROOST TREE ASSESSMENT										
1	Senior Environmental Specialist	HR	72	\$180.00	\$12,960.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist I / Archaeologist Specialist I	HR	206	\$100.00	\$20,600.00		\$0.00		\$0.00	0.0	\$0.00
3	Planning Sub Lodging	Day	3	\$107.00	\$321.00		\$0.00		\$0.00	0.0	\$0.00
4	Mileage	Mile	750	\$0.75	\$562.50		\$0.00		\$0.00	0.0	\$0.00
D	EA DOCUMENT										
1	Senior Environmental Specialist	HR	99	\$180.00	\$17,820.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	116	\$135.00	\$15,660.00		\$0.00		\$0.00	0.0	\$0.00
3	Environmental Specialist I / Archaeologist Specialist I	HR	128	\$100.00	\$12,800.00		\$0.00		\$0.00	0.0	\$0.00
4	Project Support Specialist	HR	4	\$95.00	\$380.00		\$0.00		\$0.00	0.0	\$0.00
E	DESIGN REVIEW, PRE-BID AND PRE-CONSTRUCTION MEETINGS										
1	Senior Environmental Specialist	HR	60	\$180.00	\$10,800.00		\$0.00		\$0.00	0.0	\$0.00
2	Environmental Specialist II / Archaeologist Specialist II	HR	60	\$135.00	\$8,100.00		\$0.00		\$0.00	0.0	\$0.00
SUBTOTAL PAGE 63 COST					\$133,628.50	SUBTOTAL PAGE 63 PREVIOUS	\$0.00	SUBTOTAL PAGE 63 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 63 TO DATE	\$0.00

AML-7A (Revised 12/6/2023)

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Purchase Order No.: CPO DEPxx*xx						Application No.: 1		Page 65 of 71 Pages				
Contract Name: 2023 AML Contract N3												
Commodity Line: 8												
Project Name: Project 8 - West Run #2												
SCHEDULE PER CONTRACT						WORK COMPLETED						
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	PREVIOUS UNITS	PREVIOUS BILLED COST	THIS APPLICATION UNITS	AMOUNT DUE THIS APPLICATION COST	TOTAL BILLED TO DATE UNITS COST		
TASK II: REALTY												
A	Exploratory Rights of Entry (EROE)											
1	Realty Project Manager	HR	8	\$215.00	\$1,720.00		\$0.00		\$0.00	0.0	\$0.00	
2	Realty Agent						\$0.00		\$0.00	0.0	\$0.00	
a	Courthouse Work	HR	10	\$175.00	\$1,750.00		\$0.00		\$0.00	0.0	\$0.00	
b	Questionnaire/Landowner Corres.	HR	42	\$175.00	\$7,350.00		\$0.00		\$0.00	0.0	\$0.00	
c	Field Recon. /Landowner Corres. (Senior Engineer)	HR	58	\$215.00	\$12,470.00		\$0.00		\$0.00	0.0	\$0.00	
d	Field Recon. /Landowner Corres. (Realty Agent)	HR	58	\$175.00	\$10,150.00		\$0.00		\$0.00	0.0	\$0.00	
e	Realty Office Work / AMLNET	HR	32	\$130.00	\$4,160.00		\$0.00		\$0.00	0.0	\$0.00	
f	Daily Reports	HR	37	\$175.00	\$6,475.00		\$0.00		\$0.00	0.0	\$0.00	
g	Weekly Reports	HR	5	\$175.00	\$875.00		\$0.00		\$0.00	0.0	\$0.00	
3	Mileage	Mile	2665	\$0.75	\$1,998.75		\$0.00		\$0.00	0.0	\$0.00	
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00	
a	Realty Sub Lodging	Day	17	\$107.00	\$1,819.00		\$0.00		\$0.00	0.0	\$0.00	
b	Realty Sub Meals	Day	21	\$59.00	\$1,239.00		\$0.00		\$0.00	0.0	\$0.00	
B	Construction Rights of Entry (CROE)											
1	Realty Project Manager	HR	8	\$215.00	\$1,720.00		\$0.00		\$0.00	0.0	\$0.00	
2	Realty Agent						\$0.00		\$0.00	0.0	\$0.00	
a	Courthouse Work	HR	10	\$175.00	\$1,750.00		\$0.00		\$0.00	0.0	\$0.00	
b	Field Recon. /Landowner Corres. (Senior Engineer)	HR	58	\$215.00	\$12,470.00		\$0.00		\$0.00	0.0	\$0.00	
c	Field Recon. /Landowner Corres. (Realty Agent)	HR	58	\$175.00	\$10,150.00		\$0.00		\$0.00	0.0	\$0.00	
d	Realty Office Work / AMLNET	HR	32	\$130.00	\$4,160.00		\$0.00		\$0.00	0.0	\$0.00	
e	Daily Reports	HR	26	\$175.00	\$4,550.00		\$0.00		\$0.00	0.0	\$0.00	
f	Weekly Reports	HR	3	\$175.00	\$525.00		\$0.00		\$0.00	0.0	\$0.00	
3	Mileage	Mile	1930	\$0.75	\$1,447.50		\$0.00		\$0.00	0.0	\$0.00	
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00	
a	Realty Sub Lodging	Day	13	\$107.00	\$1,391.00		\$0.00		\$0.00	0.0	\$0.00	
b	Realty Sub Meals	Day	16	\$59.00	\$944.00		\$0.00		\$0.00	0.0	\$0.00	
					SUBTOTAL PAGE 65 COST	\$89,114.25	SUBTOTAL PAGE 65 PREVIOUS	\$0.00	SUBTOTAL PAGE 65 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 65 TO DATE	\$0.00

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION												
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT												
Purchase Order No.: CPO DEPxx*xx						Application No.: 1			Page 66 of 71 Pages			
Contract Name: 2023 AML Contract N3												
Commodity Line: 8												
Project Name: Project 8 - West Run #2						WORK COMPLETED						
SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE		
TASK	DESCRIPTION		UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK II: REALTY (CONTINUED)												
C		Pre-Bid Conference										
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
D		Pre-Construction Conference										
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
E		30% In Person Plan Review										
	1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00
	2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00
	a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00
	b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00
	4	Per Diem						\$0.00		\$0.00	0.0	\$0.00
	a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00
	b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00
					SUBTOTAL PAGE 66 COST	\$21,307.50	SUBTOTAL PAGE 66 PREVIOUS	\$0.00	SUBTOTAL PAGE 66 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 66 TO DATE	\$0.00
AML 24-02Rev11/26/2023												

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Purchase Order No.: CPO DEPxx*xx						Application No.: 1						Page 67 of 71 Pages	
Contract Name: 2023 AML Contract N3													
Commodity Line: 8													
Project Name: Project 8 - West Run #2													
SCHEDULE PER CONTRACT						WORK COMPLETED							
						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE			
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST		
TASK II: REALTY (CONTINUED)													
F	90% Virtual Plan Review												
1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00		
2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00		
a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00		
b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00		
3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00		
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00		
a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00		
b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00		
G	Final Plan Review												
1	Realty Project Manager	HR	13	\$215.00	\$2,795.00		\$0.00		\$0.00	0.0	\$0.00		
2	Realty Agent	HR	13	\$175.00	\$2,275.00		\$0.00		\$0.00	0.0	\$0.00		
a	Daily Reports	HR	4	\$175.00	\$700.00		\$0.00		\$0.00	0.0	\$0.00		
b	Weekly Reports	HR	2	\$175.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00		
3	Mileage	Mile	710	\$0.75	\$532.50		\$0.00		\$0.00	0.0	\$0.00		
4	Per Diem						\$0.00		\$0.00	0.0	\$0.00		
a	Realty Sub Lodging	Day	2	\$107.00	\$214.00		\$0.00		\$0.00	0.0	\$0.00		
b	Realty Sub Meals	Day	4	\$59.00	\$236.00		\$0.00		\$0.00	0.0	\$0.00		
H	Direct Costs												
1	Fees	Each	1500	\$1.00	\$1,500.00		\$0.00		\$0.00	0.0	\$0.00		
				SUBTOTAL PAGE 67 COST	\$15,705.00	SUBTOTAL PAGE 67 PREVIOUS	\$0.00	SUBTOTAL PAGE 67 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 67 TO DATE	\$0.00		
				SUBTOTAL TASK II COST	\$126,126.75	SUBTOTAL TASK II PREVIOUS	\$0.00	SUBTOTAL TASK II APPLICATION	\$0.00	SUBTOTAL TASK II TO DATE	\$0.00		

Purchase Order No.: CPO DEPxx*xx

AML-7A (Revised 12/6/2023)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION													
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT													
Purchase Order No.: CPO DEPxx*xx							Application No.: 1			Page 68 of 71 Pages			
Contract Name: 2023 AML Contract N3							WORK COMPLETED						
Commodity Line: 8													
Project Name: Project 8 - West Run #2													
SCHEDULE PER CONTRACT							PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE		
TASK	DESCRIPTION					UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST
TASK III: DESIGN													
A			SITE RECONNAISSANCE AND INVESTIGATIONS										
	1		Project Manager / Senior Engineer	HR	50	\$250.00	\$12,500.00		\$0.00		\$0.00	0.0	\$0.00
	2		Mileage	Mile	120	\$0.75	\$90.00		\$0.00		\$0.00	0.0	\$0.00
	3		Per Diem	Day	8	\$55.00	\$440.00		\$0.00		\$0.00	0.0	\$0.00
B			SURVEYING & MAPPING										
	1		Survey Project Manager	HR	15	\$125.00	\$1,875.00		\$0.00		\$0.00	0.0	\$0.00
	2		Administration	HR	5	\$75.00	\$375.00		\$0.00		\$0.00	0.0	\$0.00
	3		Staff Engineer	HR	10	\$170.00	\$1,700.00		\$0.00		\$0.00	0.0	\$0.00
	4		Professional Surveyor / Chief Surveyor	HR	80	\$125.00	\$10,000.00		\$0.00		\$0.00	0.0	\$0.00
	5		Survey Crew	HR	519	\$178.75	\$92,771.25		\$0.00		\$0.00	0.0	\$0.00
	6		CADD Technician	HR	110	\$110.00	\$12,100.00		\$0.00		\$0.00	0.0	\$0.00
	7		Drafter	HR	120	\$125.00	\$15,000.00		\$0.00		\$0.00	0.0	\$0.00
	8		Aerial Lidar Data Acquisition and Calibration	LS	1	\$3,060.00	\$3,060.00		\$0.00		\$0.00	0.0	\$0.00
	9		West Run Photogrammetric Mapping	LS	1	\$5,907.00	\$5,907.00		\$0.00		\$0.00	0.0	\$0.00
	10		Mileage	Mile	1350	\$0.75	\$1,012.50		\$0.00		\$0.00	0.0	\$0.00
	11		West Run Supplies	LS	1	\$350.00	\$350.00		\$0.00		\$0.00	0.0	\$0.00
	12		Time-lapsed drone Videos and Photos	Each	3.00	\$5,000.00	\$15,000.00		\$0.00		\$0.00	0.0	\$0.00
						SUBTOTAL PAGE 68	\$172,180.75	SUBTOTAL PAGE 68	\$0.00	SUBTOTAL PAGE 68 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 68 TO DATE	\$0.00
AML-21-000001-136(2023)													

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Purchase Order No.: CPO DEPxx+xx						Application No.: 1				Page 69 of 71 Pages	
Contract Name: 2023 AML Contract N3											
Commodity Line: 8											
Project Name: Project 8 - West Run #2											
SCHEDULE PER CONTRACT						WORK COMPLETED					
						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST	UNITS	COST
TASK III: DESIGN (CONTINUED)											
C		GEOTECHNICAL INVESTIGATION									
	1	Project Manager / Senior Engineer	HR	18	\$250.00	\$4,500.00					
	2	Geotechnical Engineer/Geologist	HR	64	\$189.00	\$12,096.00	\$0.00		\$0.00	0.0	\$0.00
	3	West Run Mobilization / Demobilization	LS	1	\$15,284.00	\$15,284.00	\$0.00		\$0.00	0.0	\$0.00
	4	Soil Augering	LF	360	\$26.00	\$9,360.00	\$0.00		\$0.00	0.0	\$0.00
	5	West Run Rock Coring	LF	40	\$84.00	\$3,360.00	\$0.00		\$0.00	0.0	\$0.00
	6	Heavy Equipment	HR	50	\$250.00	\$12,500.00	\$0.00		\$0.00	0.0	\$0.00
	7	Piezometer Installation	LF	150	\$26.00	\$3,900.00	\$0.00		\$0.00	0.0	\$0.00
	8	Drill Crew Per Diem	Day	8	\$357.00	\$2,856.00	\$0.00		\$0.00	0.0	\$0.00
	9	West Run Reclamation	LS	1	\$7,500.00	\$7,500.00	\$0.00		\$0.00	0.0	\$0.00
	10	West Run Geotechnical Investigation Report	LS	1	\$11,973.00	\$11,973.00	\$0.00		\$0.00	0.0	\$0.00
	11	Mileage	Mile	160	\$0.75	\$120.00	\$0.00		\$0.00	0.0	\$0.00
D		ANALYSIS AND DESIGN									
	1	Project Manager / Senior Engineer	HR	80	\$250.00	\$20,000.00	\$0.00		\$0.00	0.0	\$0.00
	2	Geotechnical Engineer	HR	8	\$250.00	\$2,000.00	\$0.00		\$0.00	0.0	\$0.00
	3	Engineer	HR	320	\$190.00	\$60,800.00	\$0.00		\$0.00	0.0	\$0.00
	4	Drafter	HR	80	\$125.00	\$10,000.00	\$0.00		\$0.00	0.0	\$0.00
				SUBTOTAL PAGE 69 COST	\$176,249.00	SUBTOTAL PAGE 69 PREVIOUS	\$0.00	SUBTOTAL PAGE 69 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 69 TO DATE	\$0.00
AML-7A (Revised 12/6/2023)											

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION / OFFICE OF ABANDONED MINE LANDS & RECLAMATION											
CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT											
Purchase Order No.: CPO DEPxx*xx Contract Name: 2023 AML Contract N3 Commodity Line: 8 Project Name: Project 8 - West Run #2						Application No.: 1			Page 70 of 71 Pages		
						WORK COMPLETED					
						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
SCHEDULE PER CONTRACT											
TASK	DESCRIPTION			UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST
TASK III: DESIGN (CONTINUED)											
E		PREPARATION OF PLANS, SPECIFICATIONS AND ENGINEERS ESTIMATE									
	1	Project Manager / Senior Engineer			HR	44	\$250.00	\$11,000.00			
	2	Geotechnical Engineer			HR	8	\$250.00	\$2,000.00	\$0.00	\$0.00	0.0
	3	Engineer			HR	120	\$190.00	\$22,800.00	\$0.00	\$0.00	0.0
	4	Drafter			HR	100	\$125.00	\$12,500.00	\$0.00	\$0.00	0.0
F		PERMITTING									
	1	Project Manager / Senior Engineer			HR	60	\$250.00	\$15,000.00	\$0.00	\$0.00	0.0
	2	Engineer / Environmental Scientist			HR	80	\$160.00	\$12,800.00	\$0.00	\$0.00	0.0
G		PRE-BID CONFERENCE									
	1	Project Manager / Senior Engineer			HR	10	\$250.00	\$2,500.00	\$0.00	\$0.00	0.0
	2	Mileage			Mile	20	\$0.75	\$15.00	\$0.00	\$0.00	0.0
	3	Per Diem			Day	2	\$55.00	\$110.00	\$0.00	\$0.00	0.0
H		PRE-CONSTRUCTION CONFERENCE									
	1	Project Manager / Senior Engineer			HR	10	\$250.00	\$2,500.00	\$0.00	\$0.00	0.0
	2	Design Construction Inspector			HR	10	\$125.00	\$1,250.00	\$0.00	\$0.00	0.0
	3	Mileage			Mile	20	\$0.75	\$15.00	\$0.00	\$0.00	0.0
					SUBTOTAL PAGE 70 COST		\$82,490.00	SUBTOTAL PAGE 70 PREVIOUS	\$0.00	SUBTOTAL PAGE 70 THIS APPLICATION	\$0.00
					SUBTOTAL TASK III COST		\$430,919.75	SUBTOTAL TASK III PREVIOUS	\$0.00	SUBTOTAL TASK III APPLICATION	\$0.00

CONTINUATION SHEET OF APPLICATION AND CERTIFICATE FOR PAYMENT

Page 71 of 71 Pages

Project Name:	Project 8 - West Run #2
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SCHEDULE PER CONTRACT

SCHEDULE PER CONTRACT						PREVIOUS	PREVIOUS BILLED	THIS APPLICATION	AMOUNT DUE THIS APPLICATION	TOTAL BILLED TO DATE	
TASK	DESCRIPTION			UNIT	CONTRACT QUANTITY	UNIT BID PRICE	COST	UNITS	COST	UNITS	COST
TASK IV: CONSTRUCTION OVERSIGHT											
A		Construction Inspection									
	1	Construction Project Manager	HR	144	\$198.00	\$28,512.00		\$0.00		\$0.00	0.0 \$0.00
	2	Senior Construction Manager	HR	416	\$188.00	\$78,208.00		\$0.00		\$0.00	0.0 \$0.00
	3	Construction Inspector						\$0.00		\$0.00	0.0 \$0.00
	a	Construction Inspection	HR	1152	\$132.00	\$152,064.00		\$0.00		\$0.00	0.0 \$0.00
	b	Office Work / AMLNET	HR	96	\$132.00	\$12,672.00		\$0.00		\$0.00	0.0 \$0.00
	c	Mileage	Mile	2880	\$0.75	\$2,160.00		\$0.00		\$0.00	0.0 \$0.00
					SUBTOTAL TASK IV COST	\$273,616.00	SUBTOTAL TASK IV PREVIOUS	\$0.00	SUBTOTAL TASK IV APPLICATION	\$0.00	SUBTOTAL TASK IV TO DATE \$0.00
TASK V: POST-CONSTRUCTION OVERSIGHT											
A		FIELD VISITS / INSPECTIONS									
	1	Construction Project Manager	HR	40	\$198.00	\$7,920.00		\$0.00		\$0.00	0.0 \$0.00
	2	Senior Construction Manager	HR	40	\$188.00	\$7,520.00		\$0.00		\$0.00	0.0 \$0.00
	3	Construction Inspector	HR	208	\$132.00	\$27,456.00		\$0.00		\$0.00	0.0 \$0.00
	4	Mileage	Mile	720	\$0.75	\$540.00		\$0.00		\$0.00	0.0 \$0.00
					SUBTOTAL TASK V COST	\$43,436.00	SUBTOTAL TASK V PREVIOUS	\$0.00	SUBTOTAL TASK V APPLICATION	\$0.00	SUBTOTAL TASK V TO DATE \$0.00
					SUBTOTAL PAGE 71 COST	\$317,052.00	SUBTOTAL PAGE 71 PREVIOUS	\$0.00	SUBTOTAL PAGE 71 THIS APPLICATION	\$0.00	SUBTOTAL PAGE 71 TO DATE \$0.00
Project 8 - West Run #2					PROJECT TOTAL COST	\$1,037,149.50	PROJECT TOTAL PREVIOUS	\$0.00	PROJECT TOTAL THIS APPLICATION	\$0.00	PROJECT TOTAL TO DATE \$0.00
					GRAND TOTAL COST	\$7,386,791.00	GRAND TOTAL PREVIOUS	\$0.00	GRAND TOTAL THIS APPLICATION	\$0.00	GRAND TOTAL TO DATE \$0.00