



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

State of West Virginia Purchase Order

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

Order Date: 03-28-2023

Order Number:	CPO 0313 0313 DEP2200000011 4	Procurement Folder:	934376
Document Name:	EOI: South Charleston Landfill Expanded Site Investigation	Reason for Modification:	
Document Description:	Change Order #2 - Cost Increase and Time Extension	CO2 Cost increase of \$6,305.00 and time extension of seventy-three days till 7/28/2023.	
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	Effective Start Date:	2021-09-10
Free on Board:	FOB Dest, Freight Prepaid	Effective End Date:	2023-07-28

VENDOR		DEPARTMENT CONTACT		
Vendor Customer Code:	VC0000102886	Requestor Name:	Kent D Light	
TECHLAW CONSULTANTS INC 14840 CONFERENCE CENTER DR STSE 200		Requestor Phone:	(304) 574-4465	
CHANTILLY VA 20151		Requestor Email:	kent.d.light@wv.gov	
US		<div style="font-size: 48px; font-weight: bold;">23</div> <div style="font-weight: bold;">FILE LOCATION _____</div>		
Vendor Contact Phone:	703-818-3278			Extension:
Discount Details:				
#1	No	0.0000	0	
#2	Not Entered			
#3	Not Entered			
#4	Not Entered			

INVOICE TO	SHIP TO
ENVIRONMENTAL PROTECTION OFFICE OF ENVIRONMENTAL REMEDIATION 601 57TH ST SE CHARLESTON WV 25304 US	ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV 25304 US

Total Order Amount:	\$66,732.14
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3/29/2023

Purchasing Division's File Copy

ENTERED

3.29.2023

PURCHASING DIVISION AUTHORIZATION DATE: <i>3/29/2023</i> ELECTRONIC SIGNATURE ON FILE	ATTORNEY GENERAL APPROVAL AS TO FORM DATE: <i>4/6/2023</i> ELECTRONIC SIGNATURE ON FILE	ENCUMBRANCE CERTIFICATION DATE: <i>4/07/2023</i> ELECTRONIC SIGNATURE ON FILE
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Extended Description:

Change Order #2 is for a Cost Increase and a Time Extension through 7/28/2023

Change Order #2 is to increase the overall cost of the CPO DEP22*11, which is necessary for completion of the project and extend the original contract according to all terms, conditions, prices and specifications contained in the original contract including all authorized change orders.

Original Contract	\$ 48,727.64
Change Order #1 Increase	\$ 11,699.50
Change Order #2 Increase	\$ 6,305.00

New Total	\$ 66,732.14
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Effective date extends seventy-three days: 5-17-2023 to 7-28-2023

All provisions of the original contract and subsequent change orders not modified herein shall remain in full force and effect.

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
1	81100000	0.00000		0.000000	66732.14
Service From	Service To	Manufacturer		Model No	
2021-09-10	2023-07-28				

Commodity Line Description: EOI: Engineering Design Services

Extended Description:

Professional Engineering Services Contract
South Charleston Landfill
Expanded Site Investigation



APPROVED
[Signature]
3/28/23

west virginia department of environmental protection

Office of Environmental Remediation
1159 Nick Rahall Greenway
Fayetteville, WV 25840
(304) 574-4465

Harold D. Ward, Cabinet Secretary
dep.wv.gov

TO: Jessica Chambers-Smith, Procurement Manager
Administrative Services – Business Operations Office

FROM: Alan McCreary, PG, Project Manager

DATE: March 9, 2023

SUBJECT: Change Order #2: Cost Increase and Time Extension
CPO DEP22*11 EOI: South Charleston Landfill Expanded Site Investigation

The Division of Land Restoration Office of Environmental Remediation is requesting a Cost Increase of \$6,305.00 and a Time Extension from May 16, 2023, to July 28, 2023, for Purchase Order # CPO DEP220000011 for EOI: South Charleston Landfill Expanded Site Investigation.

The time extension is requested to allow for sufficient time to complete the remaining tasks under the South Charleston Landfill Expanded Site Investigation Statement of Work, Task 3.

Should you have any questions or would like to discuss this further, please contact me at 304-881-2832 or by email at alan.f.mccreary@wv.gov.

Alan McCreary, PG
Project Manager, Superfund and Pre-Remedial
WVDEP-DLR-Office of Environmental Remediation

We, TechLaw Consultants, Inc., agree to extend the contract for the period as stated above according to all terms, conditions, prices, and specifications contained in the original contract, including all authorized change orders.

Director of Contracting
Name/Signature

3/17/2023
Date

Change Order Proposal

SUMMARY

Due to unforeseen field conditions encountered during the Expanded Site Investigation (ESI) at the South Charleston Landfill (SCLF) that resulted in unexpected delays and an increase in labor, travel, and associated ODCs identified in the Proposed Work Plan/Cost Proposal (the Cost Proposal), and delays in receiving validated laboratory data, it is anticipated that the project will require an increase in budget and a period of performance (POP) extension to complete Task 3, Final Report, identified in the Statement of Work (SOW). The description of the proposed changes are further detailed under Technical Approach and Proposed Costs. In summary, based on the factors described below, TechLaw proposes a cost increase of \$6,305.00 be added to complete SOW Task 3 and an extension of the POP from May 16, 2023 to July 28, 2023.

I. CONTACT INFORMATION

Joe Carter Joseph B. Carter
Project Manager
TechLaw Consultants, Inc.
304-907-0621
Joe.carter@techlawinc.com

Digitally signed by Joseph B. Carter
Date: 2023.03.17 08:53:36 -04'00'

Judith Manley
Director of Contracting
TechLaw Consultants, Inc.
703-818-3233
Judy.Manley@TechLawConsultants.com



II. TECHNICAL APPROACH

During field activities conducted under Task 2, Site Assessment, TechLaw personnel encountered unforeseen field conditions that resulted in project delays and additional costs to the project. Staging operations during the first day on-site were moved from the planned on-site location (flat area inside the landfill entrance gate) to the fenced area located on the property at the tank area near the landfill pond; then were moved to the team's lodging location (hotel) in South Charleston, WV. The staging area was moved twice due to security concerns as evidenced by recent vandalism at the site as confirmed by the on-site WVDEP LCAP representative. Security and trespass concerns included a cut chain on the main entrance gate lock, an apparent forced entry attempt at the fenced tank area location, and overall concerns of safety and security on the site's landfill property, including reports from WVDEP of armed unknown persons in the landfill area.

During sampling activities, unanticipated field conditions were encountered where the sampling team had to search and find viable sampling locations due to planned locations lacking sediment deposits, sometimes being located in heavy overgrowth, near and under busy streets, and in difficult-to-access locations reached by foot. Onsite reconnaissance to identify sampling locations and collect the samples required more time than anticipated due to the unforeseen conditions.

The field conditions described above extended the planned field schedule by approximately 1.5-2 days which resulted in scheduling conflicts and the need to change out sampling team members to complete the field work. These factors resulted in increased labor, travel, and associated ODC costs incurred against the overall budget, leaving insufficient funds to complete Task 3, Final Report. In addition, validated laboratory data reports and electronic data deliverables (EDDs) that were originally scheduled for delivery by November 15, 2022, were received approximately 9-10 weeks later, and as late as January 31, 2023. Currently, data management and evaluation are underway; however, an extension of the POP to July 28, 2023 is proposed to complete Task 3, Final Report, and provide sufficient time to complete the draft and final review process.

As of the January 2023 reporting period (period ending January 27, 2023), \$53,901.96 of the total \$60,427.14 budget has been expended. However, the remaining budget of \$6,525.18 is insufficient to complete Task 3, Final Report. Task 3 includes preparation of the draft and final ESI report and associated review and comment periods. This proposal removes all costs associated with preparing the Confidential Recommendations Memo and HRS Quickscore from Task 3 as requested by WVDEP.

Based on the adjusted ceiling following approval of Change Order #1 - Cost Increase (*CPO 0313 0313 DEP2200000011 2, May 25, 2022*) (i.e., Mod #1), an estimated \$11,810.00 was budgeted to complete Task 3. Therefore, as part of the proposed increase it is recommended \$5,284.82 be added as labor cost to the budget to cover the unanticipated field costs incurred under Task 2 as described above. In addition, it is noted that Mod #1 included an estimated 10% increase in labor hours to complete Task 3; however, this increase is now considered low based on the approximately 33% increase in the number of samples and associated environmental data collected that requires management, evaluation, and reporting. As a result, the proposed increase includes an additional labor cost of \$1,020.18 to address this increased effort, for a total proposed increase of \$6,305.00 (\$5,284.82 + \$1,020.18) to complete the remaining SOW. This increase is necessary to prepare an increased number of report figures, conduct additional Scribe data management from approximately 20 EDDs, and prepare additional report tables.

III. PROPOSED COSTS

The attached tables (please see Attachment 1) detail the proposed changes in hours and costs under Task 3 to support the changes described in the technical approach. Proposed hour and cost changes are found in the Proposed Rates and Pricing Table under Task 3 Final Report, and rolled up on the Cost Summary Sheet (the green shaded areas). Original Cost Proposal and Change Order #1 - Cost Increase and Time Extension detail is provided in the tables next to the Proposed Change Order Adjustments (the tan shaded areas) and remains relatively unchanged. A cost increase of \$6,305.00 is proposed for Task 3, Final Report, to fund the effort to evaluate and incorporate the additional data generated during execution of the proposed Technical Approach into the final report. In summary, TechLaw proposes in this change order to request an extension to the POP for approximately 10 weeks, through July 28, 2023, and a cost increase of \$6,305.00 to fund completion of Task 3 activities.

Change Order Proposal for: CPO DEP2200000011; Expanded Site
Investigation, South Charleston Landfill
Period of Performance: 6/2/2021 - 5/16/2023

Modification Number: 00002
March 2, 2023

Attachment 1
Proposed Costs

Proposed Rates and Pricing

March 2, 2023

South Charleston LF
Expanded Site Investigation West Virginia Department of Environmental Protection-OER

EOI South Charleston Landfill Cost Breakdown Tasks	Cost	Proposed Change Order Adjustment		Proposed Change Order Adjustment#2	
		Prop. Adj Cost	Prop. Adj Ceiling	Prop. Adj Cost	Prop. Adj Ceiling
Task 1 - Initial Site Visit	\$ 2,957.08	\$ -	\$ 2,957.08	\$ -	\$ 2,957.08
Task 2 - Develop a Sampling and Analysis Plan	\$ 8,470.00	\$ 3,200.00	\$ 11,670.00	\$ -	\$ 11,670.00
Task 2 - Site Assessment	\$ 26,550.55	\$ 7,439.50	\$ 33,990.05	\$ -	\$ 33,990.05
Task 3 - Final Report	\$ 10,750.00	\$ 1,060.00	\$ 11,810.00	\$ 6,305.00	\$ 18,115.00
Total Cost	\$ 48,727.64	\$ 11,699.50	\$ 60,427.14	\$ 6,305.00	\$ 66,732.14

NOTES

- 1) The consultant shall be responsible for the cost of sample cooler shipping and will provide all other miscellaneous field materials and equipment including personal protective equipment (PPE), disposables, sample cooler packing materials, labels, chain of custody forms, and limited field sampling equipment. The cost of low-flow/low-drawdown equipment, boating or diving equipment, "En-Core" or "Terra Core" samplers, field analytical and monitoring equipment, mobile laboratories, and drilling or direct-push equipment will be the responsibility of consultant. (Task 2. Bullets 3 and 4 (Task 2. B3 & B4))
- 2) The consultant will provide all decontamination materials including, but not limited to distilled, deionized, and potable water, detergent, reagents, and approved DOT storage containers and labels for on-site storage of decontamination materials (Task 2.B5)
- 3) The consultant will provide approved DOT containers and labels for storage of on-site investigative-derived waste (IDW). The consultant will sample the drums of IDW for disposal characterization and submit to a WVDEP contract laboratory for analysis. The cost of analytical for IDW characterization will be the responsibility of the consultant. (Task 2.B6)
- 4) Analytical data interpretation for disposal and IDW management will be the responsibility of the consultant. (Task 2.B7)
- 5) Direct cost, Other direct costs (ODCs) and any indirect costs shall be incorporated into the above unit prices.
- 6) The quote shall be accompanied by a breakdown of cost per line item.
- 7) The WVDEP may exercise the options at any time during the performance of this delivery order. The Government will provide at a minimum a ten (10) calendar day notice prior to exercising any options.



Proposed Rates and Pricing

March 2, 2023

South Charleston LF
Expanded Site Investigation West Virginia Department of Environmental Protection-OER

Proposed Rates (WVDEP SOW)

Labor Category	Rate/hr
Project Manager	\$ 110.00
Field Operations Manager	\$ 85.00
Hydrogeologist	\$ 95.00
Geologist	\$ 70.00
Chemist	\$ 75.00
Environmental Scientist	\$ 70.00
QA/QC Officer	\$ 100.00
Technician	\$ 60.00
Laborer	\$ 55.00
CADD Operator	\$ 80.00
Administrative	\$ 60.00

*Note all labor rates are below established GSA rate schedule by relevant category

Pricing Breakdown

Task 1 - Site Visit

Conduct Site visit and private well survey

<i>Labor</i>	Hours	Rate	Total
Project Manager	12	\$ 110.00	\$ 1,320.00
Environmental Scientist	12	\$ 70.00	\$ 840.00
Administrative	2	\$ 60.00	\$ 120.00
<i>Labor Total</i>			\$ 2,280.00
<i>Travel Costs</i>			\$ 677.08
Total - Task 1 Site Visit	26		\$ 2,957.08

Task 2 - Develop SAP

Develop Draft and Final SAPs

	Hours	Rate	Total
QA/QC Officer	2	\$ 100.00	\$ 200.00
Project Manager	24	\$ 110.00	\$ 2,640.00
Hydrogeologist	2	\$ 95.00	\$ 190.00
CADD Operator	30	\$ 80.00	\$ 2,400.00
Environmental Scientist	40	\$ 70.00	\$ 2,800.00
Administrative	4	\$ 60.00	\$ 240.00
Total - Task 2 Develop SAP	102		\$ 8,470.00

Proposed Change Order Adjustment - Task 2 Develop SAP

Task 2 - Develop SAP

Develop Draft and Final SAPs

	Hours	Rate	Total
QA/QC Officer	-0.1	\$ 100.00	\$ (10.00)
Project Manager	53	\$ 110.00	\$ 5,830.00
Hydrogeologist	0	\$ 95.00	\$ -
CADD Operator	-5	\$ 80.00	\$ (400.00)
Environmental Scientist	-30	\$ 70.00	\$ (2,100.00)
Administrative	-2	\$ 60.00	\$ (120.00)
Total - Task 2 Develop SAP	15.9		\$ 3,200.00

Task 2 - Site Assessment

Subtask - Laboratory Analytical Services

Coordination

	Hours	Rate	Total
Project Manager	2	\$ 110.00	\$220.00
Chemist	5	\$ 75.00	\$375.00
Administrative	2	\$ 60.00	\$120.00
Subtotal	9		\$715.00

Subtask - Property Owner Coordination/Obtain

Right of Entry

	Hours	Rate	Total
Project Manager	4	\$ 110.00	\$ 440.00
Environmental Scientist	10	\$ 70.00	\$ 700.00
Administrative	2	\$ 60.00	\$ 120.00
Subtotal	16		\$ 1,260.00



Proposed Rates and Pricing

March 2, 2023

South Charleston LF
Expanded Site Investigation West Virginia Department of Environmental Protection-OER

<i>Subtask - Sampling Logistics and Procurement</i>	Hours	Rate	Total
Project Manager	5	\$ 110.00	\$550.00
Environmental Scientist	4	\$ 70.00	\$280.00
Administrative	2	\$ 60.00	\$120.00
Labor Total	11		\$950.00
<i>Equipment, Materials and Supplies</i>			\$ 8,005.86
Subtotal			\$8,955.86

Proposed Change Order Adjustment - Subtask Sampling Logistics and Procurement			
<i>Subtask - Sampling Logistics and Procurement</i>	Hours	Rate	Total
Project Manager	0	\$ 110.00	\$0.00
Environmental Scientist	0	\$ 70.00	\$0.00
Administrative	0	\$ 60.00	\$0.00
Labor Total	0		\$0.00
<i>Equipment, Materials and Supplies</i>			\$ 1,347.87
Subtotal Sampling Logistics and Procurement			\$1,347.87

<i>Subtask - Project Meetings w/ OER PM</i>	Hours	Rate	Total
Project Manager	8	\$ 110.00	\$880.00
Environmental Scientist	8	\$ 70.00	\$560.00
Administrative	2	\$ 60.00	\$120.00
Labor Total	18		\$1,560.00
<i>Travel</i>			\$ 1,220.12
Subtotal			\$2,780.12

Proposed Change Order Adjustment - Subtask Project Meetings w/ OER PM			
<i>Subtask - Project Meetings w/ OER PM</i>	Hours	Rate	Total
Project Manager	0	\$ 110.00	\$0.00
Environmental Scientist	0	\$ 70.00	\$0.00
Administrative	0	\$ 60.00	\$0.00
Labor Total	0		\$0.00
<i>Travel</i>			\$ (261.96)
Subtotal Project Meetings w/ OER PM			(\$261.96)

<i>Subtask - Labor Travel Costs</i>	Hours	Rate	Total
Project Manager	36	\$ 110.00	\$ 3,960.00
Environmental Scientist	30	\$ 70.00	\$ 2,100.00
Administrative	4	\$ 60.00	\$ 240.00
Subtotal	70		\$ 6,300.00

Proposed Change Order Adjustment - Subtask Labor Travel Costs			
<i>Subtask - Labor Travel Costs</i>	Hours	Rate	Total
Project Manager	0	\$ 110.00	\$ -
Environmental Scientist	0	\$ 70.00	\$ -
Technician	6	\$ 60.00	\$ 360.00
Administrative	0	\$ 60.00	\$ -
Subtotal Subtask Labor Travel Costs	6		\$ 360.00

<i>Subtask -Conduct Field Sampling Investigation</i>	Hours	Rate	Total
Project Manager	24	\$ 110.00	\$ 2,640.00
Environmental Scientist	24	\$ 70.00	\$ 1,680.00
Technician			
Administrative	2	\$ 60.00	\$ 120.00
Total Labor	50		\$ 4,440.00
<i>Travel Cost</i>			\$ 2,099.57
Subtotal			\$ 6,539.57
Total - Task 2 Site Assessment	174		\$ 26,550.55

Proposed Change Order Adjustment - Subtask - Conduct Field Sampling Investigation			
<i>Subtask - Conduct Field Sampling Investigation</i>	Hours	Rate	Total
Project Manager	12	\$ 110.00	\$ 1,320.00
Environmental Scientist	12	\$ 70.00	\$ 840.00
Technician	36	\$ 60.00	\$ 2,160.00
Administrative	0	\$ 60.00	\$ -
Subtotal Total Labor	60		\$ 4,320.00
<i>Travel Cost</i>			\$ 1,673.59
Subtotal Subtask Conduct Field Sampling Investigation	60		\$ 5,993.59

Proposed Change Order Adjustment			
Task 2 Site Assessment			\$ 7,439.50



Proposed Rates and Pricing

March 2, 2023

South Charleston LF
Expanded Site Investigation West Virginia Department of Environmental Protection-OER

Task 3: Final Report

<i>Develop Draft and Final: ESI Report</i>	Hours	Rate	Total
Project Manager	40	\$ 110.00	\$ 4,400.00
QA/QC Officer	2	\$ 100.00	\$ 200.00
CADD Operator	20	\$ 80.00	\$ 1,600.00
Environmental Scientist	42	\$ 70.00	\$ 2,940.00
Administrative	2	\$ 60.00	\$ 120.00
Subtotal	106		\$ 9,260.00

<i>Proposed Change Order Adjustment - Develop Draft and Final: ESI Report</i>	Hours	Rate	Total
Project Manager	4	\$ 110.00	\$ 440.00
QA/QC Officer	0	\$ 100.00	\$ -
CADD Operator	2	\$ 80.00	\$ 160.00
Environmental Scientist	4	\$ 70.00	\$ 280.00
Administrative	0	\$ 60.00	\$ -
Subtotal Develop Draft and Final: ESI Report	10		\$ 880.00

<i>Proposed Change Order Adjustment #2- Develop Draft and Final: ESI Report</i>	Hours	Rate	Total
Project Manager	0	\$ 110.00	\$ -
QA/QC Officer	6	\$ 100.00	\$ 600.00
CADD Operator	35	\$ 80.00	\$ 2,800.00
Field Operations Manager	25	\$ 85.00	\$ 2,125.00
Environmental Scientist	35	\$ 70.00	\$ 2,450.00
Administrative	0	\$ 60.00	\$ -
Subtotal Develop Draft and Final: ESI Report	101		\$ 7,975.00

<i>Subtask Draft Confidential Recommendations Memo and HRS Quickscore</i>	Hours	Rate	Total
Project Manager	3	\$ 110.00	\$ 330.00
QA/QC Officer	2	\$ 100.00	\$ 200.00
Environmental Scientist	12	\$ 70.00	\$ 840.00
Administrative	2	\$ 60.00	\$ 120.00
Subtotal	19		\$ 1,490.00
Total - Task 3 Final Report	19		\$ 10,750.00

<i>Proposed Subtask Draft Confidential Recommendations Memo and HRS Quickscore</i>	Hours	Rate	Total
Project Manager	1	\$ 110.00	\$ 110.00
QA/QC Officer	0	\$ 100.00	\$ -
Environmental Scientist	1	\$ 70.00	\$ 70.00
Administrative	0	\$ 60.00	\$ -
Subtotal Draft Memo and HRS Quickscore	2		\$ 180.00

<i>Proposed Change Order Adjustment #2 - Draft Confidential Recommendations Memo and HRS Quickscore</i>	Hours	Rate	Total
Project Manager	-4	\$ 110.00	\$ (440.00)
QA/QC Officer	-2	\$ 100.00	\$ (200.00)
Environmental Scientist	-13	\$ 70.00	\$ (910.00)
Administrative	-2	\$ 60.00	\$ (120.00)
Subtotal	-21		\$ (1,670.00)
Subtotal Draft Memo and HRS Quickscore	0		\$ -

Proposed Change Order Adjustment Task 3 Final Report	Hours	Rate	Total
	12		\$ 6,305.00

Travel Labor Breakout (est.)

Description	QTY	Persons	Mobe/ Demobe Hours	Total Travel Labor	PM	ES	Notes
Initial Site Visit	1	2	6	12	6	6	
SI Sampling	1	2	6	12	6	6	
Site Meetings	4	2	6	42	24	18	2 persons*3 Meetings + 1 person*1 meeting
Total				66	36	30	



Proposed Rates and Pricing

March 2, 2023

South Charleston LF
 Expanded Site Investigation West Virginia Department of Environmental Protection-OER

Proposed Change Order Adjustment - Description	QTY	Persons	Mobe/ Demobe Hours	Total Travel Labor	PM	ES	Tech	Notes
Initial Site Visit	0	0	0	0	0	0		
SI Sampling	0	1	6	0	0	0	6	Add one Technician mobe/demobe
Site Meetings	0	0	0	0	0	0		
Proposed Change Order Adjustment Travel Labor Breakout				0	0	0	6	



Proposed Rates and Pricing

March 2, 2023

South Charleston LF
Expanded Site Investigation West Virginia Department of Environmental Protection-OER

Description	Inputs	Adj. Inputs (updated March 2022)	Proposed Change Order Adjusted Inputs
<i>Location: Kanawha Co., West Virginia</i>			
Lodging	\$ 109.00	\$ -	\$ 109.00
Per Diem	\$ 56.00	\$ 8.00	\$ 64.00
Rental Car (std. incl. tax & Fees)	\$ 56.00	\$ -	\$ 56.00
Rental Truck/SUV (incl tax & fees)	\$ 64.00	\$ -	\$ 64.00
Gas, cost per gallon	\$ 2.30	\$ 1.70	\$ 4.00
POV Mileage Rate	\$ 0.575	\$ 0.01	0.585
Distance: Wheeling to Site (mi); 3 hour travel time	190	-	190
G&A (ODCs/Travel)	0.18	-	0.18
G&A (Subcontracts)	0.03	-	0.03

Task

Task 1 - Site Visit					
Travel	Rate	Unit	# of units	Total	Description
Lodging	\$109.00	per night	2	\$ 218.00	2 persons/1 night
Per Diem	\$ 56.00	per day	3	\$ 168.00	2 persons, 1 field day+1 travel Day @0.75 pd ea day
Mileage	\$ 0.575	per mile	440	\$ -	380 mi move/demove + 60 mpd
Rental Truck	\$ 64.00	per day	2	\$ 128.00	2 days
Fuel for Vehicle(s)	\$ 2.30	per gal	26	\$ 59.80	440 miles
Subtotal				\$ 573.80	
G&A				\$ 103.28	
Total Travel: Site Visit				\$ 677.08	



Proposed Rates and Pricing

South Charleston LF
Expanded Site Investigation West Virginia Department of Environmental Protection-OER

Task 2 - Site Assessment					Proposed Change Order Adjustment						
Rate	Unit	# of units	Total	Description	Change in Rate (as of March 2022) (+/-)	Proposed Change in # of Units (+/-)	Rate	# of Units	Proposed Change Order Adjustment (+/-)	Adjustment Description	
<i>ESI Sampling Event Travel</i>											
\$109.00	per night	6	\$ 654.00	2 persons/3 nights	\$ -	3	\$109.00	9	\$ 327.00	Add 1 person @ 3 nights	
\$ 56.00	per day	7	\$ 392.00	2 persons*(2 field days + 1.5 Mobe and Demobe days)	\$ 8.00	3.5	\$ 64.00	10.5	\$ 280.00	Includes 1 addl person@2 full days + 2 travel Days@0.75% per diem (3.5 days); and increase of \$8 per day per diem for 2 persons	
\$ 0.575	per mile	460	\$ -	380 rndtrp from Whg + 40 mi/day *2 days	\$ 0.010	80	\$ 0.585	540	\$ -	380 rndtrp from Whg + 40 mi/day *4 days	
\$360.00	per trip	1	\$ 360.00	Est \$20/day*4 days+\$0.79/mi@460 mi + Fees, (incl pack/unpack-2 days)	\$ 216.60	0	\$576.60	1	\$ 216.60	15'Box Truck, est \$30/day@5 days, + 0.79/mi@540 mi, (incl packing and unpacking days)	
\$ 64.00	per day	4	\$ 256.00		\$ -	4	\$ 64.00	8	\$ 256.00	1 addl truck@4 days rental	
\$ 2.30	per gal	51	\$ 117.30	460 mi ea. for Cargo Van and Truck (est)	\$ 1.70	63	\$ 4.00	114	\$ 338.70	540 miles ea. for Box truck and 2 rental trucks (across 4 days)	
Subtotal			\$ 1,779.30						\$ 1,418.30		
<i>G&A</i>			\$ 320.27						\$ 255.29		
Total Travel: Site Assessment			\$ 2,099.57						\$ 1,673.59		
<i>Project Meetings (4)</i>											
<i>Travel</i>					<i>Rate</i>		<i># of units</i>		<i>Total</i>		
\$ 0.575	per mile	1520	\$ -	380 mi rndtrp from Whg x 4	\$ 0.010	0	\$ 0.585	1520	\$ -		
\$ 56.00	per day	4	\$ 896.00	four 1-day roundtrips	\$ -	3	\$ 56.00	7	\$ (504.00)	Add one rental car for 3 roundtrips	
\$ 2.30	per gal	60	\$ 138.00	15 gal/trip x 4	\$ 1.70	45	\$ 4.00	105	\$ 282.00	Add one rental car for 3 roundtrips	
Subtotal			\$ 1,034.00						\$ (222.00)		
<i>G&A</i>			\$ 186.12						\$ (39.96)		
Total Travel: Project Meetings			\$ 1,220.12						\$ (261.96)		
<i>Multi-media Sampling/Monitoring Equipment</i>											
<i>Description</i>					<i>Rate</i>		<i># of units</i>		<i>Total</i>		
\$255.00	week	1	\$ 255.00	MiniRae 3000 (10.6 eV)	\$ -	-1	\$255.00	0	\$ (255.00)	Instrument not needed	
\$525.00	week	1	\$ 525.00	Trimble Pro XH 6000 or 7000 series	\$ -	0	\$525.00	1	\$ -		
\$218.75	week	1	\$ 218.75	YSI Pro Plus w/quatro cable	\$ -	0	\$218.75	1	\$ -		
Subtotal			\$ 998.75						\$ (255.00)		
<i>G&A</i>			\$ 179.78						\$ (45.90)		
Total: Multi-media Sampling/Monitoring Equipment			\$ 1,178.53						\$ (300.90)		
Materials and Supplies				\$ 5,785.88	See Materials and Supplies Detail					\$ 1,397.26	See Materials and Supplies Detail
<i>G&A</i>				\$ 1,041.46						\$ 251.51	
Total Materials and Supplies				\$ 6,827.33						\$ 1,648.77	
Total ODCs, Travel, and Subcontracts				\$ 12,002.64						\$ 2,759.50	



Proposed Rates and Pricing

March 2, 2023

South Charleston LF
Expanded Site Investigation West Virginia Department of Environmental Protection-OER

MATERIALS & SUPPLIES

Proposed Change Order Adjustment

Supply Description	Est. Qty	Qty per Case	Cases Needed	Est. Cost per Case	Est. Cost	Proposed Change in Estimated QTY (+/-)	Change in Vendor Cost per Case/Qty (as of March 2022) (+/-)	Est. QTY	Cases Needed	Est. Cost per Case	Proposed Change Order Adj Est Cost (+/-)	Justification/Description
Bubble Wrap40-ml VOA	0	1000	0	\$ 87.00	\$ -	0	\$ -	0	0	\$ 87.00	\$ -	
Bubble Wrap4 oz	0	1000	0	\$ 87.00	\$ -	0	\$ -	0	0	\$ 87.00	\$ -	
Bubble Wrap8 oz	74	250	1	\$ 42.00	\$ 42.00	93	\$ 7.00	167	1	\$ 49.00	\$ 7.00	Increase in est. sample qty and material cost inflation.
Bubble Wrap32 oz	148	450	1	\$ 106.00	\$ 106.00	84	\$ 19.00	232	1	\$ 125.00	\$ 19.00	Increase in est. sample qty and material cost inflation.
Pint Ziplock	32	100	1	\$ 2.54	\$ 2.54	(32)	\$ (2.54)	0	(1)	\$ -	\$ (2.54)	No longer required
Qt. Ziplock	74	40	2	\$ 4.46	\$ 8.92	93	\$ 7.54	167	2	\$ 12.00	\$ 15.08	Increase in est. sample qty and material cost inflation.
Gal. Ziplock	485	30	17	\$ 4.46	\$ 75.82	163	\$ 1.21	648	22	\$ 5.67	\$ 48.92	Increase in est. sample qty and material cost inflation.
2.5 Gal Ziplock	10	12	1	\$ 3.50	\$ 3.50	0	\$ -	10	1	\$ 3.50	\$ -	
2" x 4" Labels (250 pak)	494	250	2	\$ 13.79	\$ 27.58	78	\$ -	572	3	\$ 13.79	\$ 13.79	Adj due to increase in est. sample qty.
Tags	247	50	5	\$ -	\$ -	0	\$ -	247	5	\$ -	\$ -	
5-gm or 4 oz Encore/Jar Soil VOA	0	20	0	\$ 135.00	\$ -	0	\$ -	0	0	\$ 135.00	\$ -	
4-oz CWM Moisture	0	24	0	\$ 35.64	\$ -	0	\$ -	0	0	\$ 35.64	\$ -	
4-oz CWM Septa	0	24	0	\$ 42.24	\$ -	0	\$ -	0	0	\$ 42.24	\$ -	
8-oz CWM (0250-0015-QC)	74	12	7	\$ 27.12	\$ 189.84	47	\$ -	121	10	\$ 28.48	\$ 94.92	Increase in est. sample qty and material cost inflation.
40-ml Clear Closed Top 0040-0300-QC	24	72	1	\$ 95.04	\$ 95.04	20	\$ (15.84)	44	1	\$ 83.16	\$ (11.88)	Increase in est. sample qty and adjustment to material cost.
1-L Amber	157	12	14	\$ 33.96	\$ 475.44	66	\$ 2.50	223	19	\$ 38.28	\$ 251.94	Increase in est. sample qty and material cost inflation.
40-ml Clear Open-Top (0.5 ml of HCL)	0	0	0	\$ -	\$ -	109	\$ 86.40	109	2	\$ 90.72	\$ 181.44	Added
1-L Poly (34oz. Cyl Round Nat. 1000-1010-QC)	26	12	3	\$ 27.96	\$ 83.88	51	\$ (6.00)	77	7	\$ 23.06	\$ 77.53	Increase in est. sample qty and adjustment to material cost.
Gloves (TNT Nitrile 92-675 XL)	200	100	2	\$ 22.00	\$ 44.00	100	\$ -	300	3	\$ 22.00	\$ 22.00	Increase in est. personnel and sample qty.
Aluminum Pans Deep (9x13x2.5" deep)	20	40	1	\$ 60.00	\$ 60.00	8	\$ (30.00)	28	1	\$ 30.00	\$ (30.00)	Increase in est. sample qty and adjustment to material cost.
Batteries (AA, AAA,C)	8	4	2	\$ 8.00	\$ 16.00	(8)	\$ (8.00)	0	(2)	\$ -	\$ (16.00)	No longer required
Shipping+Return (for coolers & instruments)	24	-	46	\$ 87.00	\$ 4,002.00	0	\$ -	0	46	\$ 87.00	\$ -	
Decon Towlettes	1	-	1	\$ 2.50	\$ 2.50	1	\$ 0.13	2	2	\$ 2.63	\$ 2.76	Increase in est. personnel
Paper Towels	4	-	1	\$ 10.00	\$ 10.00	6	\$ 0.48	10	1	\$ 10.48	\$ 0.48	Increase in est. sample qty and adjustment to material cost.
Plastic Scoops	0	100	0	\$ 166.04	\$ -	0	\$ -	0	0	\$ 166.04	\$ -	
Strapping Tape (ft)	696	984.6	0.71	\$ 38.87	\$ 27.48	654	\$ (3.92)	1350	2	\$ 34.95	\$ 42.42	Increase in est. sample qty and adjustment to material cost.
Pine Chips (lg)	2	1	4	\$ 20.00	\$ 80.00	2	\$ -	4	4	\$ 20.00	\$ -	
42 Gallon 3 mil Contractor Trash Bags	1	24	1	\$ 10.00	\$ 10.00	0	\$ 2.23	1	1	\$ 12.23	\$ 2.23	Increase in est. sample qty and material cost inflation.
Stress Fluids	1	24	1	\$ 6.00	\$ 6.00	0	\$ -	1	1	\$ 6.00	\$ -	
Sharps	2	1	2	\$ 1.00	\$ 2.00	0	\$ -	2	2	\$ 1.00	\$ -	
DIUF Water	1	1	1	\$ 143.34	\$ 143.34	1	\$ -	2	2	\$ 150.51	\$ 157.67	Increase in est. sample qty and adjustment to material cost.
Barrel 0.45 um Filter QED QuickFilter Inline	0	1	0.0	\$ 16.95	\$ -	0	\$ -	0	0	\$ 16.95	\$ -	
Nalgene Filters 0.45 um (surf water) 09-740-40B	0	12	0	\$ 281.50	\$ -	0	\$ -	0	0	\$ 281.50	\$ -	
Ice (7 lb bag)	48	1	48	\$ 1.50	\$ 72.00	51	\$ -	99	99	\$ 1.50	\$ 76.50	Increase in est. sample qty.
Tubing for well Pump (Teflon lined bonded/foot)	0	1	0	\$ 1.50	\$ -	0	\$ -	0	0	\$ 1.50	\$ -	
Cooler	10	1	10	\$ 20.00	\$ 200.00	18	\$ 3.00	28	28	\$ 23.00	\$ 444.00	Increase in est. sample qty and material cost inflation.
Total					\$ 5,785.88						\$ 1,397.26	

