



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: 09-11-2023

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 9171 DEP2200000034 5	Procurement Folder:	933150
Document Name:	EOI - Belle (Sneed) Drainage	Reason for Modification:	Change Order 02 Cost Increase
Document Description:	EOI - Belle (Sneed) Drainage		
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:	2022-03-31
Free on Board:	FOB Dest, Freight Prepaid	Effective End Date:	2025-03-29

VENDOR		DEPARTMENT CONTACT			
Vendor Customer Code:	000000160372	Requestor Name:	Herminio David Robles		
GAI CONSULTANTS INC 500 LEE ST EAST STE 700		Requestor Phone:	(304) 926-0499		
CHARLESTON WV 25301		Requestor Email:	david.h.robles@wv.gov		
US		<div style="font-size: 48pt; font-weight: bold;">24</div> FILE LOCATION _____			
Vendor Contact Phone:	6812458866			Extension:	
Discount Details:					
	Discount Allowed	Discount Percentage	Discount Days		
#1	No	0.0000	0		
#2	Not Entered				
#3	Not Entered				
#4	Not Entered				

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

9-20-2023 Rev

Total Order Amount:	\$95,173.50
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Purchasing Division's File Copy

ENTERED

JA 9.20.23

PURCHASING DIVISION AUTHORIZATION DATE: <i>Munk</i> 9/20/2023 ELECTRONIC SIGNATURE ON FILE	ATTORNEY GENERAL APPROVAL AS TO FORM DATE: <i>John S. Gray</i> ELECTRONIC SIGNATURE ON FILE	ENCUMBRANCE CERTIFICATION DATE: <i>Beverly Tolson</i> 9-21-23 ELECTRONIC SIGNATURE ON FILE
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9/21/2023

Extended Description:

Change Order

Change Order No. 2 issued to increase the contract according to all terms, conditions and specifications contained in the contract including all authorized change orders.

Original Contract Sum: \$79,373.50

Change Order #2 Increase: \$15,800.00

New Contract Total: \$95,173.50

Effective Date: 09/05/2023

All provisions of the of the original contract and the subsequent change orders not modified herein shall remain in full force and effect. No other changes.

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
1	81100000	0.00000		0.000000	90855.75
Service From	Service To	Manufacturer		Model No	

Commodity Line Description: EOI Engineering Design Services

Extended Description:

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
2	81100000	0.00000		0.000000	4317.75
Service From	Service To	Manufacturer		Model No	

Commodity Line Description: Construction Monitoring

Extended Description:



APPROVED
[Signature]
9/19/23

west virginia department of environmental protection

Office of Abandoned Mine Lands & Reclamation
601 57th ST SE
Charleston, WV 25304

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

March 3, 2023

GAI Consultants, Inc.
Attn: Jason Gandee

Re: Belle (Sneed) Drainage Change Order # 2
Contract Number: CPO: DEP22*34

Dear Mr. Gandee:

This project proposes to install drainage channels and two retaining walls. Additional subsurface exploration is needed to determine the bedrock elevations. Some subsurface exploration has been complete utilizing a drill rig. Due to drill rig access constraints, the additional services needed will be a hand auger and a dynamic cone penetrometer (DCP). Change order #2 in the amount of \$15,800.00 reflects the associated testing and administrative costs. The project completion date will remain the same.

The effective date of the change order is ~~April 3, 2023.~~ *DR*
September 5 2023

Change Order Approved by WVDEP:

Name	Title	Signature	Date
Jonathan Holbert	Southern Design Administrator	Jonathan R. Holbert <small>Digitally signed by Jonathan R. Holbert DN: CN = Jonathan R. Holbert, email = Jonathan.R.Holbert@dep.wv.gov, C = US, O = WVDEP/DRAM, Date: 2023.04.13.15:04:46 -0400</small>	

Completion of this change order approval process requires
 your signature below

I agree with the changes as outlined in this letter.
(vendor signature required below)

Name	Title	Signature	Date
Charles F. Straley, P.E. PLS	Senior Engineering Manager / Associate	Charles F. Straley <small>Digitally signed by Charles F. Straley DN: E=charles@gaiconsultants.com CN=Charles F. Straley Date: 2023.03.23 09:57:26 -0400</small>	Mar 23, 2023

Please email the signed documents to depamlpurchasing@wv.gov within 7 days of receipt of this letter.



Charleston Office
500 Lee Street East
Suite 700
Charleston, West Virginia 25301

T 304.926.8100
F 304.926.8180

February 16, 2023
Project R210672.03

Mr. Jonathan Holbert, PE
Southern Design Administrator
West Virginia Department of Environmental Protection
Division of Land Restoration
Office of Abandoned Mine Lands and Reclamation
57th Street, SE
Charleston, West Virginia 25304

**Change Order No. 2
Belle (Sneed) Drainage
Kanawha County, West Virginia**

Dear Mr. Holbert:

Per your request, GAI Consultants, Inc. (GAI) is providing this change order to provide services related to additional subsurface exploration. The West Virginia (WV) Department of Environmental Protection (DEP) requested the additional service to provide additional information for potential bidders.

Scope of Services

Based on our understanding of the requested additional services, the WVDEP would like additional information regarding the depth of rock throughout the site. GAI will perform the following described Scope of Services:

Task 1. Subsurface Exploration

GAI will use a hand auger and a dynamic cone penetrometer (DCP) to try to encounter the top of rock throughout the project. At each location the exploration will proceed to top of rock or to a maximum of 10 feet. The DCP's advancement capabilities is approximately 10 feet. Attached with this proposal are proposed exploration locations.

Schedule

GAI will endeavor to complete its Scope of Services and can begin work within two weeks of notice to proceed.

Compensation

GAI proposes to complete this work on a time and materials basis not to exceed the estimated costs provided in Tables 1 (Estimated Cost Summary) without prior WVDEP approval. The total estimated cost subsurface exploration is \$15,800.

Thank you for the opportunity to submit Change Order No. 2 for the Belle (Sneed) Drainage project. Please contact me at 681.245.8866 and c.straley@gaiconsultants.com, or Jason Gandee at

681.245.6484 and j.gandee@gaiconsultants.com if you have questions or wish to discuss this change order.

Sincerely,
GAI Consultants, Inc.

Charles F. Straley, PE, PS
Senior Engineering Manager

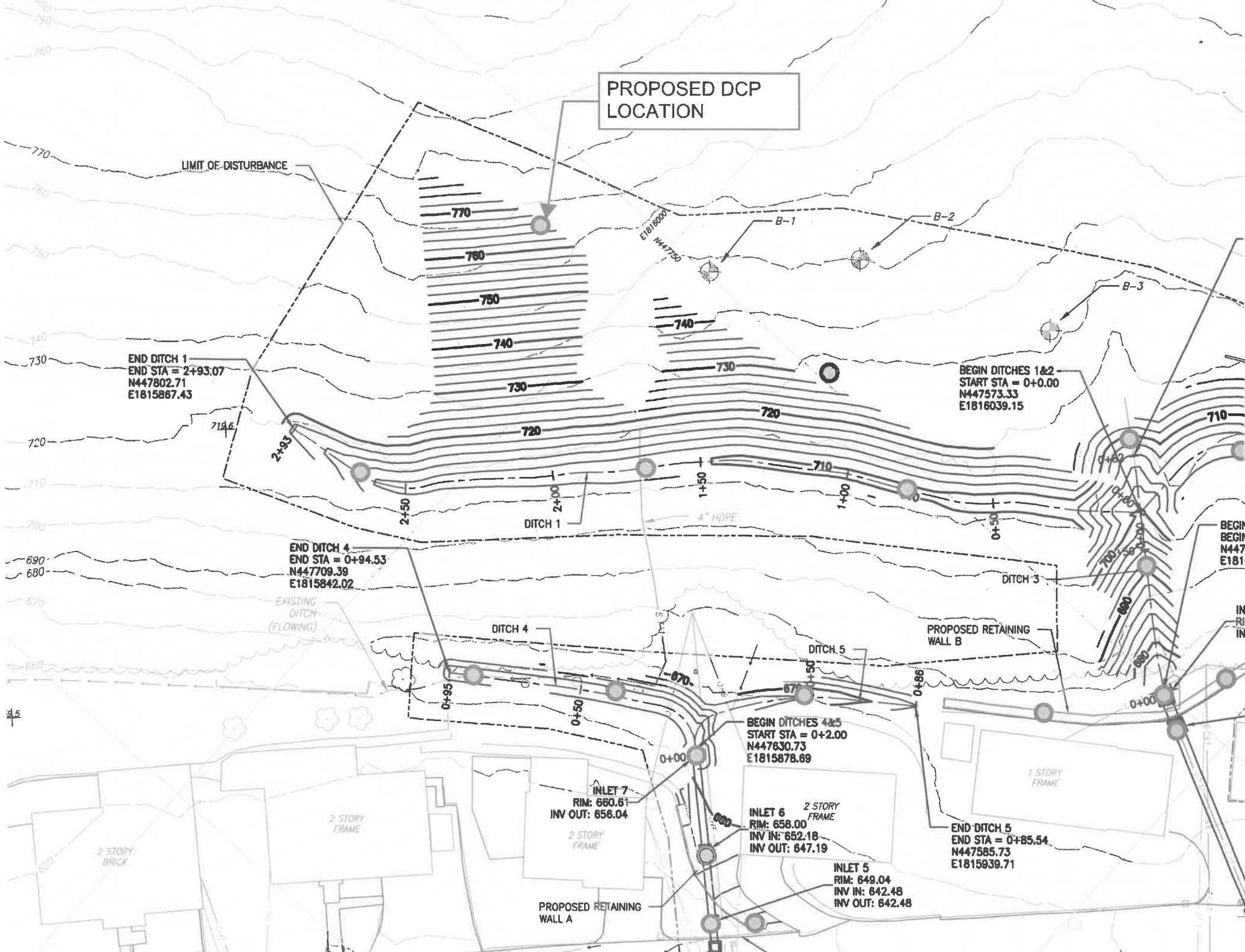
Jason G. Gandee
Assistant Engineering Manager

JGG:CFS

Attachment: Table 1 – Estimated Cost Summary
Figure 1 – DCP Locations

Subsurface Investigation				
Labor	Rate	Unit	Quantity	Cost
Senior Engineering Manager	\$ 220.00	per hour	2	\$ 440.00
Assistant Engineering Manager	\$ 130.00	per hour	2	\$ 260.00
Senior EI	\$ 90.00	per hour	160	\$ 14,400.00
Subtotal Estimated Labor			164	\$ 15,100.00
Expenses	Rate	Unit	Quantity	Cost
Dynamic Cone Penetrometer	\$ 50.00	Per Day	10	\$ 500.00
Dynamic Cone Penetrometer Tips	\$ 10.00	Each	20	\$ 200.00
Subtotal Estimated Expenses				\$ 700.00
Total Estimated Labor				\$ 15,100.00
Total Estimated Expenses				\$ 700.00
Total Estimated Cost				\$ 15,800.00

**PROPOSED DCP
LOCATION**



END DITCH 1
END STA = 2+93.07
N447802.71
E1815867.43

BEGIN DITCHES 1&2
START STA = 0+0.00
N447573.33
E1816039.15

END DITCH 4
END STA = 0+94.53
N447709.39
E1815842.02

BEGIN
BEGIN
N447
E181

BEGIN DITCHES 4&5
START STA = 0+2.00
N447630.73
E1815878.69

END DITCH 5
END STA = 0+85.54
N447585.73
E1815939.71

INLET 7
RIM: 660.61
INV OUT: 656.04

INLET 6
RIM: 658.00
INV IN: 652.18
INV OUT: 647.19

INLET 5
RIM: 648.04
INV IN: 642.48
INV OUT: 642.48

2 STORY
FRAME

2 STORY
FRAME

2 STORY
FRAME

1 STORY
FRAME

PROPOSED RETAINING
WALL A

PROPOSED RETAINING
WALL B

LIMIT OF DISTURBANCE

DITCH 1

DITCH 4

DITCH 5

DITCH 3

2 STORY
BRICK

EXISTING
DITCH
(FLOWING)

4" HOPE

IN
RI
IN