

Memorandum

To: Heather Pope

From: David King, LPG & John Kilmer

Bruce Carter Associates, LLC

Re: Change Order #011

Date: 1/22/13

The attached change order #011 is for the installation of 1 monitoring well to a depth of 23 feet, 2 monitoring wells to the depth of 52 feet, and 2 probes to a depth of 52 feet. Each well is constructed of 2 inch diameter PVC with a 10 foot screen and stick up protective casing. The additional requirement was requested by IBP as part of the Revised Remediation Work Plan and in response to the first round of post (on-site) remediation groundwater monitoring (report dated 11/5/12) and has been approved by IBP. We recommend approval of Change Order #011.

CHANGE ORDER

OWNER-City of Columbus

PROJECT NAME & ADDRESS

Former Columbus Wood Treating
58 Lafayette St
Columbus, Indiana

CHANGE ORDER NUMBER: 011

DATE: 1/21/13

ENGINEERS PROJECT NUMBER: 11-262

TO CONTRACTOR/SUBCONTRACTOR

HIS Constructors, Inc
5150 East 65th Street
Suite B
Indianapolis, IN 46220

CONTRACT DATE: 12/29/2011

CONTRACT FOR: Soil excavation/disposal
and Construction of In-situ Soil Solidification/
Stabilization (S/S)

The original contract Sum was \$1,436,400.00

Net change by previously authorized Change Orders (\$2,475.66)

The Contract Sum Prior to this change order was- \$1,433,924.34

The Contract Sum will be increased or <decreased> or
unchanged by this Change Order in the amount of- \$13,613.07

The new Contract Sum including this Change Order will
be- \$1,447,537.41

The contract time will be (increased) (decreased) (unchanged) by- _____ 0 days

The date the final grading and seeding will be complete as of the date
of this Change Order therefore is- June 28, 2012

CHANGE ORDER SUMMARY

OWNER-City of Columbus

CHANGE ORDER NUMBER: 011

No.	Description	Date:	Addition	Deduction	Net
001	Deletion of Parking lot, addition of geomembrane	4/17/2012	\$79,800.00	\$184,500.00	(\$104,700.00)
002	Tank removal, backfill and disposal of sludge	5/27/2012	\$16,290.00		(\$88,410.00)
003	Standby time for Geosolutions during obstacle removal	5/27/2012	\$12,639.94		(\$75,770.06)
004	Remobilization before geomembrane installation	7/10/2012	\$4,500.00		(\$71,270.06)
005	Additional Non-Haz to Landfill	7/10/2012	\$5,557.05		(\$65,713.01)
006	Additional non-haz RR ties, wood, piping, load, transport,dispose	7/10/2012	\$3,560.35		(\$62,152.66)
007	Increase topsoil by 180 tons and seeding by 750 square yards	7/10/2012	\$6,540.00		(\$55,612.66)
008	Drill 8 shallow wells and 6 deep wells	7/10/2012	\$40,400.00		(\$15,212.66)
009	Additional slab concrete removal, break & backfill	8/15/2012	\$2,250.00		(\$12,962.66)
010	Digging, breaking & backfilling concrete footers	8/15/2012	\$10,487.00		(\$2,475.66)
011	Drilling two wells and two geoprobe	1/21/2013	\$13,613.07		\$11,137.41

EXECUTION:

CITY:

ENGINEER:

CONTRACTOR:

PRINTED

John Kilmer

PRINTED

PRINTED

John W. Kilmer

SIGNED

SIGNED

SIGNED

DATE

January 21, 2013

DATE

DATE

This document has important legal consequences: consultation with an attorney is encouraged if unaware of the legal consequences with respect to completion or modification or execution of this document. Not valid until signed by the City, Engineer, and Contractor for which the contract is being modified.



HIS
CONSTRUCTORS, INC.

PROPOSAL

1/18/2013

Attn: Dave King (BCA)

Project: 3-Monitoring Wells
2-Soil Probes

Street: 6330 E. 75th, Suite 150

Street: 53 Lafayette Avenue

City: Indianapolis, IN 46250

City: Columbus, IN

We propose to furnish the labor, materials and equipment required for the above project, in accordance with the terms and conditions printed herein, which upon acceptance by you of this Proposal are agreed to and accepted:

ALL TERMS AND CONDITIONS OF THIS PROPOSAL ARE SUBJECT TO CREDIT APPROVAL.

Pricing: Includes labor, equipment and subcontractors for monitoring well installation 2-52' deep and 1-23' deep, 2-soil probe borings 1-52' deep and 1-55' deep.

<u>Item of Work</u>	<u>Quantity</u>	<u>Unit</u>	<u>Price</u>	<u>Amount</u>
HIS Constructors on-site personal	4	Day	\$ 600.00	\$ 2,400.00
3-Monitoring Wells & 2-Soil Probe Borings	1	Lump Sum	\$11,213.07	\$11,213.07
Total				\$13,613.07

If the foregoing meets with your acceptance, sign both copies of this Proposal. Please return one original to the address above and retain one original for your files. Upon receipt, it is understood that the foregoing, including the terms and conditions set forth on the attached page, in addition to the applicable terms and conditions within HIS Constructors Standard Contract shall constitute a full and complete agreement.

All Proposals are made subject to acceptance within 30 days from the date of this proposal and to withdrawal without notice thereafter. Signature represents acceptance of this Proposal, the HIS Constructors Standard Contract and the terms and conditions contained therein.

Signed _____ Date _____

Terms _____ Submitted by Ken Polston
Ken Polston, Senior Estimator/Project Manager

Equal Opportunity Employer

5150 East 65th Street, Suite B
Indianapolis, Indiana 46220-4817

T: 317/284-1195 TF: 888/777-3241 F: 317/284-1185

www.hisconstructors.com

January 17, 2013

Mr. Ken Polston
HIS Constructors, LLC
5150 E. 65th Street, Suite B
Indianapolis, IN 46220-4817



7770 West New York Street
Indianapolis, IN 46214-2988
317-273-1690 (FAX) 317-273-2250

2204 Yankee Street
Niles, MI 49120
269-262-4320 or 574-233-6820
(FAX) 269-262-4479

Re: Environmental Soil Borings
and Monitoring Wells
Former Columbus Wood Treating
Columbus, Indiana
EEI Proposal No.: P1-13-032

Dear Mr. Polston:

We are pleased to submit our cost estimate for the referenced work. This proposal is in response to your request in an electronic message on January 12, 2013. At this time, we understand the general scope of work will include the following:

1. Two soil probes to depths of 52 and 55 ft each with continuous soil sampling (48-in. drives). Groundwater samples are not planned to be collected at either of these locations. The probes are anticipated to be located on grass and soil;
2. Three soil borings advanced with 4¼-in. I.D. hollow stem augers to depths of 25 (1) and 52 (2) ft with continuous split spoon samples (24-in. drives). The borings are reported to be situated on grass and soil. The soil borings will be completed as 2-in. I.D. Schedule 40 PVC wells with 10 ft of 10-slot screen (machine cut), sand to about 2 ft above the screen, a bentonite chip seal, cement bentonite grout to near the surface, an expandable locking cap and an above-ground well cover concreted in place. Our personnel will develop the wells; and
3. Drilling tools and augers will be decontaminated prior to mobilization, between borings and before demobilization, while the probe and split spoon samplers will be washed with detergent (Liquinox or similar) and rinsed with tap water between samples. Auger cuttings from the borings will be spread out on site while decontamination water and well development water will be poured on the ground.

Based on this information, we estimate the total cost to be on the order of \$10,190 as outlined in the attached Cost Estimate. The estimated total is based, in part, on the soil boring/well locations being accessible to our truck-mounted drilling equipment and the probe locations being accessible to our track-mounted probe equipment, no standby or special services time, a source of water available on the site and all on-site work being performed under Level D personnel protection guidelines. Please note that due to the volatility of material costs, we reserve the right to increase prices after 30 days from the date of this proposal.

We expect to complete the assignment in three to four days (or two to three days if the probe and auger work are performed concurrently) using a two-person crew depending on the actual

Mr. Ken Polston
HIS Constructors, LLC
Former Wood Treating Facility – Columbus, IN

January 17, 2013
Page 2

workscape and site, subsurface and weather conditions. The responsibility to locate and identify underground utility lines, buried storage tanks or other subsurface appurtenances will be that of your company or the owner.

If you elect to utilize our services, please issue a purchase order referring to our proposal number. Thank you for your consideration.

Sincerely,

EARTH EXPLORATION, INC.



Jeffrey D. Mathis
Exploratory Field Services Manager



Richard D. Olson, P.E.
President

Attachment: Cost Estimate

COST ESTIMATE
Test Borings and Monitoring Wells
Former Columbus Wood Treating
Columbus, Indiana

Mobilization and demobilization	2 LS	\$400.00 / LS	\$800.00
Direct push sampling	10 hr	\$182.00 / hr	\$1,820.00
Direct push supplies			
Macro liners (48 in.)	21 ea	\$3.00 / ea	\$63.00
DT-21/22 liners (48-in.)	ea	\$4.00 / ea	
DT-21/22 liners (48-in., with catchers)	6 ea	\$5.00 / ea	\$30.00
Drilling with 4¼-inch I.D. hollow stem augers			
0 - 30 ft deep	83 ft	\$11.20 / ft	\$929.60
30 - 60 ft deep	44 ft	\$12.60 / ft	\$554.40
Split spoon samples	64 ea	\$16.80 / ea	\$1,075.20
Pipe material - 2-in. I.D. Schedule 40 PVC			
Riser	115 ft	\$2.50 / ft	\$287.50
Screen	30 ft	\$4.00 / ft	\$120.00
End plugs	3 ea	\$8.00 / ea	\$24.00
Expanding caps	3 ea	\$21.00 / ea	\$63.00
Miscellaneous supplies			
Bentonite chips or powder	11 bag	\$11.00 / bag	\$121.00
Bentonite grout	bag	\$20.00 / bag	
Bentonite pellets	2 bckt	\$60.00 / bckt	\$120.00
Concrete (regular)	6 bag	\$6.00 / bag	\$36.00
Concrete (fast-setting)	bag	\$10.00 / bag	
Cement (47 lb bag)	24 bag	\$7.00 / bag	\$168.00
Sand (50 lb bag)	21 bag	\$8.00 / bag	\$168.00
Protective covers (above-ground)	3 ea	\$95.00 / ea	\$285.00
Auger knockout plugs (4¼ in.)	2 ea	\$21.00 / ea	\$42.00
55-gallon steel drums	ea	\$40.00 / ea	
Labor to install well materials	8 hr	\$182.00 / hr	\$1,456.00
Water hauling and auger washout	hr	\$182.00 / hr	
Borehole grouting	hr	\$182.00 / hr	
Decontamination and clean-up	4 hr	\$182.00 / hr	\$728.00
Well development	1.5 hr	\$182.00 / hr	\$273.00
Other equipment, supplies and services			
Steam cleaner	4 day	\$50.00 / day	\$200.00
Standby or special services time	hr	\$182.00 / hr	
All-terrain mounted drilling equipment	4 day	\$100.00 / day	\$400.00
Miscellaneous out-of-pocket expenses		cost + 10 %	
Concrete penetration	ea	\$50.00 / ea	
Jackhammer	day	\$75.00 / day	
Generator	day	\$75.00 / day	
Submersible development pump (battery powered)	1 day	\$30.00 / day	\$30.00
Per diem	day	\$60.00 / day	
Overnight living	night	\$150.00 / night	
Support truck	4 day	\$100.00 / day	\$400.00
		Estimated Total	\$10,193.70