




From: Dave Larsen <dlarsen@reiengineering.com>
Sent: Friday, February 10, 2023 9:16 AM
To: Zeichert, Timothy A - DNR
Subject: Band Box - Change Order #13
Attachments: Main Building SVE.pdf

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Tim, attached is the cost proposal for advancing the proposed SVE points inside the main Band Box building, running the vacuum conveyance lines up to the ceiling and over to a valved manifold along the west wall where they exit the building, run under the alley and stub up beneath the second SVE trailer. This scope also SVE system startup, and operation for 12 months along with routine O&M and quarterly sub-slab sampling at up to 7 sub-slab sample points during the period of SVE operation. The As-Built report is proposed for completion after 6 months of system operation and the Update report should be submitted near the end of the 12 month operational period. This should provide enough of an opportunity to determine if system operation needs to be continued or the system can be shut down. I know we have discussed this proposal in depth, but please let me know if you have any questions regarding this cost approval request.

Thank you,
David N. Larsen P.G
Senior Hydrogeologist / Professional Geologist

 <p>REI CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING 4080 N. 20th Avenue Wausau, WI 54401 REIengineering.com</p>	<p>David N. Larsen, P.G. Senior Hydrogeologist Dlarsen@REIengineering.com</p>
	<p>Tel: 1-877-734-7745 715-675-9784 Cell: 715-551-3434 Fax: 715-675-4060</p>

Connect with us :   

Confidentiality Notice: This message is intended for the recipient only. If you have received this e-mail in error please disregard.

DERF Site Investigation Bid Summary Consultant Selection Cover Sheet

Notice: Use this form to notify the Department of Natural Resources of the consultant you are selecting to conduct a site investigation and to submit and summarize the bids required in the Dry Cleaner Environmental Response Fund (DERF) Program. This form is authorized under s. 292.65, Wis. Stats. and s. NR 169.23, Wis. Adm. Code. Completion of this form is mandatory for any person applying for DERF reimbursement. Persons who do not submit a completed form will not be eligible for reimbursement under DERF. Personal information will be used to manage the DERF program, and be made available to requesters under Wisconsin's Open Records laws (ss. 19.32-19.39, Wis. Stats.) and requirements.

Complete the following information and submit it to your DNR regional project manager. Copy this form as necessary.

Site Information

Site name: Band Box Cleaners, Inc	Facility Name:	BRRTS # 02-42-525072
--	-----------------------	-----------------------------

Consultant Selected

Consultant Name: REI Engineering, Inc.	Consultant Address: 4080 N 20th Avenue, Wausau, WI 54401
---	---

Summary of Costs:

Consultant Name:		Consultant Name:	
Consulting costs:		Consulting costs:	
Drilling costs:		Drilling costs:	
Analytical costs:		Analytical costs:	
Miscellaneous costs:		Miscellaneous costs:	
Total Costs:		Total Costs:	

Consultant Name:	
Consulting costs:	
Drilling costs:	
Analytical costs:	
Miscellaneous costs:	
Total Costs:	

Optional 4th bid information:	
Consultant Name:	
Consulting costs:	
Drilling costs:	
Analytical costs:	
Miscellaneous costs:	
Total Costs:	

Justification for Selection:

Applicant Information and Certification

I certify that the information contained above is true and correct to the best of my knowledge.

Applicant Name		Date	
Street Address	City	State	Zip Code
Signature			

Department Use Only

Project Manager Approval Signature	Phone Number	Date
------------------------------------	--------------	------

If not approved, reason for non-approval:

DERF Site Investigation Bid Sheet
Consultant Bid Summary

Form 4400-233 (R 4/04) Page 2 of 6

Site Information

Site Name: Band Box Cleaners, Inc

Consultant Name: REI Engineering, Inc.

Applicant Name: Band Box Cleaners

Bid Summary

Drilling Costs Total =	\$13,960.00
Analytical Costs Total =	\$8,400.00
Consulting Costs Total =	\$82,549.00
Misc Costs Total =	\$162,945.00
Grand Total =	\$267,854.00

I certify that the costs are an accurate estimate of my total projected costs for the site investigation and I understand and will adhere to s.292.65 Stats. and ch NR 169, Wis. Adm. Code.

Consultant Signature: *David Larsen*

Date: 2/10/2023

Please attach to these forms a written narratige specifying how the tasks outlined in these sheets will be performed.

Consultant Name:
 Site Name:
 BRRTS #:
 Date:

DERF Site Investigation Bid Sheet
Drilling Costs

Form 4400-233 (R 4/04) Page 3 of 6

Drilling Costs						
Task	Interval	Number of Borings or Wells	Number of Days	Total Number Feet Drilled	Cost/feet, Day or Well	Total Cost
Commodity - Drilling Scope						
Mobilization - Drill Rig			1		\$1,500.00	\$1,500.00
Mobilization - Support Truck			2		\$350.00	\$700.00
4.25" Auger Drilling				42	\$30.00	\$1,260.00
SVE Well Installation				42	\$20.00	\$840.00
Flushmount Covers		3			\$185.00	\$555.00
Pavement Penetrations		3			\$250.00	\$750.00
Decontamination			1		\$375.00	\$375.00
Exhaust Scrubber			1		\$300.00	\$300.00
Remove and reinstall the guardrail			2		\$600.00	\$1,200.00
3rd person to assist crew			2		\$2,000.00	\$4,000.00
Project Coordination		8			\$110.00	\$880.00
Night Work			1		\$1,000.00	\$1,000.00
Per Diem			1		\$600.00	\$600.00
Auger Borings (continuous sampling)						
Well Development (if done by subcontractor)						
Total Drilling Costs						\$13,960.00

Consultant Name:
 Site Name:
 BRRTS #:
 Date:

DERF Site Investigation Bid Sheet Analytical Costs

Form 4400-233 (R 4/04) Page 4 of 6

Parameter	WI Certified Lab			Field Test/Field Kit			Mobile Lab			Total Costs
	\$/sample	# samples	Method Used	\$/sample	# samples	Method Used	\$/Sample \$/Day	# Samples # Days	Method Used	
Solids Analysis										
VOCs										\$0.00
TCLP										\$0.00
RCRA Metals										\$0.00
Duplicate Analyses										\$0.00
Blank Analyses										\$0.00
Other: (Specify)										\$0.00
Water Analysis (low flow sampling assumed unless otherwise indicated at bottom of this sheet)										
VOCs										\$0.00
Nitrate*										\$0.00
Dissolved Oxygen*										\$0.00
Temperature*										\$0.00
Ferrous Iron*										\$0.00
Sulfate*										\$0.00
Sulfide*										\$0.00
ORP*										\$0.00
pH*										\$0.00
TOC*										\$0.00
Alkalinity*										\$0.00
Chloride*										\$0.00
Spec. Conductance*										\$0.00
Ethene/Ethane/Methane*										\$0.00
Hydrogen*										\$0.00
Carbon Dioxide*										\$0.00
RCRA Metals										\$0.00
Duplicate Analyses										\$0.00
Blank Analyses										\$0.00
Other: (Specify)										\$0.00
Air Analysis										
PCE only	56	25								\$1,400.00
TO-15	250	28								\$7,000.00
PCE (minimum detection limit is <10 ppbv)										\$0.00
Other: (Specify)										\$0.00
Waste Analyses (soil/water)										
										\$0.00
										\$0.00
Miscellaneous (specify)										
										\$0.00
										\$0.00
Charge for Mobile Lab (indicate # days and daily fee)										
Total Analytical Costs										\$8,400.00

* Natural Attenuation parameters required for consideration of NA as remedy.

Consultant Name:
 Site Name:
 BRRTS #:
 Date:

DERF Site Investigation Bid Summary Consultant Costs

Form 4400-233 (R 4/04) Page 5 of 6

Position (specify)	Hourly Rate	Hours/Task												Total Costs			
		Scope Approval Development	Waste Disposal	Install electrical power to trailer	SVE Well Installation (Drill scope)	SVE Well and above ground piping	SVE System Design	SVE System Installation & Startup	SVE System Sample and O&M (Year 1)	Project Management	As Built Report	Sub-Slab Sample	Update Report		Other (specify)		
Professional Staff																	
Sr. Hydrogeologist	\$131.00	22	1	10			40		38	50	20	10	20			\$27,641.00	
Hydrogeologist II	\$118.00															\$0.00	
Hydrogeologist I	\$112.00															\$0.00	
Senior Manager	\$155.00									10	5		3			\$2,790.00	
Environmental Engineer	\$126.00						16		6		16		12			\$6,300.00	
Field Staff																	
Sr. Hydrogeologist (night and weekend work)	\$190.00				20	60										\$15,200.00	
Sr. Hydrogeologist	\$131.00							40	130			20				\$24,890.00	
Environmental Technician	\$91.00		3														
Environmental Engineer	\$126.00								10							\$1,260.00	
Office Support Staff																	
Admin	\$68.00		2							18	3		3			\$1,768.00	
CAD Tech	\$100.00										15		12			\$2,700.00	
																\$0.00	
																\$0.00	
																\$0.00	
Total Consulting Costs																\$82,549.00	

Consultant Name:
 Site Name:
 BRRTS #:
 Date:

DERF Site Investigation Bid Summary Sheet Miscellaneous Costs

Form 4400-233 (R 4/04) Page 6 of 6

Major Activity	Specifications	Commodity Unit (specify)	Unit Rate	Number of Units	Total Cost
SVE System Install					
Mobilization and Per Diem			\$8,620.00	1	\$8,620.00
Provide and Install 9 @ 2" drive points to 15'			\$29,850.00	1	\$29,850.00
Provide and install two 4" PVC manifolds			\$7,850.00	1	\$7,850.00
Provide and install 2" reinforced poly tubing from wells to manifolds with gate valves			\$37,975.00	1	\$37,975.00
Soil Cutting Disposal			\$300.00	1	\$300.00
Electrician - provide power to second trailer			\$3,500.00	1	\$3,500.00
SVE trailer install (REI)	lump		\$3,000.00	1	\$3,000.00
Equipment Rental (list and include shipping costs if applicable)					
Field Supplies (list)					
System Sampling					
PID		day	\$150.00	25	\$3,750.00
Dwyer Pump		day	\$55.00	25	\$1,375.00
Manometer		day	\$45.00	25	\$1,125.00
SVE Well Install					
drums		ea	\$90.00	4	\$360.00
drum cart		day	\$25.00	2	\$50.00
cordless impact		day	\$25.00	2	\$50.00
3 channel ramps		ea	\$200.00	24	\$4,800.00
Electrical Utility Charges					
Electrical Usage Charge		monthly	at cost	12	at cost
Personal Protection Equipment (list)					
Sample Shipping Costs					
Lab Sample Shipment		ea	\$20.00	17	\$340.00
Other (specify)					
SVE Trailer Lease (20 hp)		monthly	\$5,000.00	12	\$60,000.00
Total Miscellaneous Costs					\$162,945.00

Reminders: DERF does not reimburse for attorney, closure or GIS fees. Mileage and meals are also non-reimbursable. Also, costs to prepare a reimbursement application and discuss the application with the department are not reimbursable. No expedited shipping w/o prior PM approval.