

TOWN OF HEBRON
HES DRINKING WATER REMEDIATION BUILDING COMMITTEE
SPECIAL MEETING – FEBRUARY 20, 2020
HEBRON ELEMENTARY SCHOOL

RECEIVED
2020 FEB 28 A 9:31
Carla A. Tompkins
HEBRON TOWN CLERK

Members Present: M. Leichter, R. Steiner, D. Foster, W. Warwick, H. Petit

Members Absent: H. Petit

Staff Present: T. Baird, A. Tierney, W. Durocher, R. Blais, M. Larkin

Guests: From SP&A; R. Haley, S. June, From Nutmeg; E. Gawendo, D. Riley, S. McAvoy
From Fuss & O'Neil; K. Pane, From Hungerfords; Brendan Rowley

The special meeting was called to order at 3:45 p.m.

Public Comment: None.

Approval of Minutes: W. Warwick moved and R. Steiner seconded a motion to approve the minutes of February 3, 2020 meeting as presented. The motion passed unanimously. SP&A meeting notes were reviewed and there were no questions from the committee (see attached)

Project Kickoff with Nutmeg Companies: M. Leichter, turned the control of the meeting over to S. June for the purpose of conducting this portion of the meeting. S. June passed out kick off meeting agendas (see attached) and introduced the individuals who would be participating in the project. Evert Gawendo is an owner of Nutmeg and will over see the total project. Dan Riley will be the onsite superintendent/project lead. Shane McAvoy will provide administrative and business support for day to day project operations.

S. McAvoy stated that many submittals were in the process of being completed and that they will start to flow to SP&A within the next week for review and approval. M. Leichter requested R. Haley and S. June to advise him when the submittals are received.

S. McAvoy spoke to the plans to obtain permits and the necessary documents to proceed with the project. A. Blais reviewed the process and said he would work with Nutmeg to complete the process. A. Tierney confirmed that permits fees had been waived by the Board of Selectmen and permits would be issued at no cost to Nutmeg Companies.

E. Gawendo stated that the plan was to start work the week of the school vacation in April and that they would be running piping in the ceilings that will be the new mater mains. They may possibly work a full 7 days. W. Durocher stated he would work with Nutmeg to ensure access to the building. M. Leichter stated that at the end of the week that the building needed to be returned to the way it was at the close of school and that all systems need to remain functional throughout the week.

M. Leichter told the committee that an application submitted to the Department of Public Health in December had not been approved yet due to heavy workload in the department. Brendan Rowley, the school's certified water system operator, will work with Cindy Sek from DPH to get the permit approved prior to the beginning of the spring school vacation. M. Leichter will forward the application and all prior communications to B. Rowley and committee members. B. Rowley also explained the process for getting the completed project approved by the State of CT DPH and the testing required. He will take the lead on that piece of the project once the system installation has been finished, pressure tested, and the initial flushing has been completed.

S. McAvoy asked if Nutmeg would be able to place a storage trailer on the property prior to the April shutdown. This would be used to store materials and equipment that will be used to support the project. M. Larkin and T. Baird approved his request. S. McAvoy will work with W. Durocher to determine the exact location and the delivery time/date.

Space has been designated in the building for Nutmeg to coordinate the onsite operations out of. W. Durocher will identify the space when the school has been officially closed by M. Larkin on or about June 15, 2020. This space will also be used for weekly job meetings that will be conducted by Nutmeg.

W. Durocher was asked by the committee to coordinate with Nutmeg companies and Principal Larkin a plan defining what areas of the building will be worked on and in the order they will be taken and returned by Nutmeg. The purpose of this is to ensure that W. Durocher and his staff can put a plan in place to complete the summer cleaning and other activities they are required to do every summer.

S. McAvoy stated that Nutmeg could work in the building for several days after the students last day without turning the existing distribution system off. This will provide a short window of time for the teaching staff to have access to their spaces for final packing up of their rooms and materials. Once the current water system is shut down the building cannot be occupied by anyone but the contractor and designated individuals by Nutmeg or the building committee. The committee will coordinate with Principal Larkin the date that the facility must be vacated by all staff and W. Durocher will ensure all materials, supplies and equipment required for summer operations operation are moved and operational in a space to be designated by Superintendent Baird.

At 5:10 the meeting went into a brief recess so that many of the guest could pack up and leave.

The meeting was called back to order at 5:16

Superintendent's Report: T. Baird reported that reimbursement request had not been sent to the State DAS yet because they were still waiting to hear from the town. The payments were made to the town Engineer who assisted the committee on preparing the RFP for Design service for the project

Silver Petrucelli / Nutmeg Report: As 2-20-2020 no shop drawings cut sheets or other submittal have been received for review and approval. R. Haley was asked to advise M. Leichter to notify him if nothing is received on or before February 27, 2020

Payment Requisitions: None

Update Finance Status:

Budget:	\$1,222,758.00
Approved invoices to date	\$57,582.29
<u>Retainage to Date</u>	<u>\$691.04</u>
<u>Paid & Committed Expense</u>	\$58,273.33

Projected Project Cost \$1,034,218.58

Potential additional Costs

Clerk of the works \$13,456.25

Projected Ending Balance \$175,215.17

Status of Clerk of the Works RFP: M. Leichter stated that the RFP has been sent to the Hartford Courant and is also posted on the DAS and HebronCT.com website. Sealed bids are due to the town managers office by 2:00 PM on Thursday March 12, 2020

Adjournment: R. Steiner moved and D. Foster seconded a motion to adjourn the meeting at 5:46 p.m.

Respectfully submitted,
Mal Leichter; Chairman



Project: Hebron Elementary School Water Piping Replacement

**SILVER/PETRUCELLI + ASSOCIATES, INC.
ARCHITECTS / ENGINEERS / INTERIOR DESIGNERS**

PRECONSTRUCTION MEETING AGENDA

A. PRECONSTRUCTION MEETING:

Sets the rules and regulations during construction and closing out of the contract.

B. PERSONNEL RESPONSIBILITIES:

1. Owner: Town of Hebron
2. Architect Contract Administrator: Steven June
3. Contractor Project Manager: SHANIE McAVOY
4. Project Superintendent: DAN RILEY

C. CORRESPONDENCE:

Distribution during construction.

1. One (1) copy of all correspondence from the Contractor to be routed through the Architect's office to the attention of:

**Silver Petrucelli & Associates, Inc.
3190 Whitney Avenue
Hamden, CT 06518
Attn: Steven June
Email: sjune@silverpetrucelli.com
Telephone: 203-230-9007 x 249
Fax: 203-230-8247**

2. Material Suppliers' and Subcontractors' correspondence to be routed through the General Contractor to the attention of:

D. SUBMITTALS:

1. Shop drawings reviewed within five (5) working days – in house.
ten (10) working days – out of house.
 - a. Electronic submittals to be sent to SPA
 - b. Samples per specification to be sent SPA
 - c. Use of A/E's CAD data files? Release form required
2. Status of Contractor's liability insurance certificates.
3. Status of property insurance (Owner's or Contractor's).
4. Subcontractor's lists for review.
5. Contractor's review & stamp required per contract specification, preferably on front page.
6. Substitutions to contract documents giving complete data and/or credits as soon as possible.

E. MONTHLY PROGRESS PAYMENTS:

1. Submission of Schedule of Values giving cost per specification section, listing allowance and accepted alternate items separately indicating total material and cost using AIA Form G-702A.
2. Pre-approval of requisition prior to submission.
3. Contract retention on progress payments.
4. Material stored off to include description, insurance certificate, SPA review or photos if SPA is unable to visit site.

F. CONTRACT DOCUMENTS:

Record set drawings, specification and addenda to be kept on site for Owner's and Architect's use.

G. PROGRESS SCHEDULE:

1. Building permits and starting work date.
2. Estimated progress schedule weekly (minimum requirement: bar graph).
3. Completion date per contract documents.
4. Liquidated damages.

H. FIELD CONSTRUCTION MEETINGS:

1. Date and Time – Weekly, officiated by Contractor's office, taking and distributing minutes.
2. Date and Time – Subcontractor meeting as required, officiated by Contractor.

I. CHANGE ORDER PROPOSALS:

1. Issued by General Contractor who assigns a number to each proposal.
2. Contractor will perform the work only after he is given formal approval by the Architect and/or Owner.
3. Change Order will be processed immediately thereafter, using AIA Form G-701 issued by Architect.

J. TEMPORARY FACILITIES:

1. Job and/or Architect's office.
2. Temporary telephone service.
3. Storage of material.
4. Sanitary conveniences.
5. Temporary heat and/or use of permanent facility.

K. SAFETY CONDITIONS:

1. Contractor's responsibilities and site protection.
2. MSDS Sheets: One set to Owner and one set on site at all times.

L. JOB REQUIREMENTS:

1. Project sign
2. Progress photos.
3. Selection of materials testing laboratory.

M. EQUAL OPPORTUNITY:

1. Chapter 563, Fair Employment Practices, Section 31-122 through 31-128 of the General Statutes of Connecticut.

N. PROJECT CLOSEOUT:

1. Punchlist: Done once and only when Contractor declares work complete.
2. Guarantees – Warranties.
3. As-built Drawings – “Trailer Set with redlines to Architect” for review.
4. Maintenance/Operation Manuals.

SILVER/PETRUCELLI + ASSOCIATES
Architects / Engineers/ Interior Designers

3190 Whitney Avenue | Hamden, CT 06518
One Post Hill Place | New London, CT 06320
Tel: 203 230 9007 Fax: 203 230 8247
www.silverpetrucelli.com

Meeting Minutes

Project: Hebron Elementary School – Contaminated Water Piping Replacement

Client: Town of Hebron
15 Gilead Street
Hebron, CT 06248

Location: Town Hall, Lower Meeting Room

Date: February 3, 2020 at 6:30 pm

Attendees:

Ken Eldridge	Silver/Petrucci	keldridge@silverpetrucelli.com
Mal Leichter	Hebron BC Chair	mleichter@hebronct.com
David Foster	Hebron BC	nilrem@sbcglobal.net
Richard Steiner	Hebron BC	rsteiner183@aol.com
Wayne Warwick	Hebron BC	wwarwick31@gmail.com
Tom Baird	Hebron Public Schools	tbaird@hebron.k12.ct.us

Purpose:

Special Meeting of the HES Drinking Water Remediation Building Committee to review project items.

Meeting Notes:

1. S/P+A Meeting Notes:

1.1. Committee was in acceptance, of the Meeting Notes sent by S/P+A for the previous meeting.

2. Project Status Update:

2.1. Discussion regarding schedule submitted by Nutmeg including walk-thru and inclusion of Wayne Durocher.

2.2. S/P+A has not received any construction submittals as of this meeting. Mal Leichter (ML) requested that S/P+A follow up on upcoming Friday (2/7) whether submittals have been received. RS further noted that Nutmeg claims that 95% of materials are already purchased and it was agreed that that's at their own risk.

2.3. S/P+A has not received confirmation of a date /time for the Construction K/O meeting at the site as of this meeting. Mal Leichter (ML) requested that S/P+A follow up on upcoming Friday (2/7) whether the meeting has been scheduled.

2.4. ML to confirm with Kermit at DAS with regards to whether everything on the schedule of values except the contingency is reimbursable.

3. General Discussions:

3.1. ML mentioned there was some difficulty in registering Tom with the DAS.

- 3.2. Discussion regarding an "Occupy Date" for teachers of August 14, 2020 was discussed as TBD and determined feasible.
- 3.3. Nutmeg to provide Schedule of Work and prepare Themed Drawings with logical steps for installation.
4. Clerk of the Works Discussion:
 - 4.1. Richard Steiner & other members discussed the Clerk of the Works position and the motion passed unanimously.
5. A Summary of the Work was submitted to DPS in December and has still not been responded to by them.
6. Motion to approve an invoice for 5% CA services by S/P+A \$825.00 was passed.
7. Next meeting will be Monday 2/17/2020 at 6:30pm
8. Meeting adjourned at 7:30pm

Any corrections, additions or comments regarding the above meeting minutes must be submitted in writing to Silver/Petrucci + Associates within 14 days of the issue date noted below.

Minutes Prepared By: Ken Eldridge, S/P+A

Minutes Issued: February 18, 2020

Distribution: Meeting attendees, S/P+A File.

RE: Invoice 20-217

Ken Eldridge [keldridge@silverpetrucelli.com]

Sent: Tuesday, February 25, 2020 17:11**To:** Malcolm Leichter**Cc:** Ryan Haley [rhaley@silverpetrucelli.com]; Steve June [sjune@silverpetrucelli.com]; Beth Petrucelli [bpetrucelli@silverpetrucelli.com]

Mal,

Please feel free to pay the marked up amount and send that with your payment. We will credit the tax amount in our system upon receipt. Please forward the Town's Tax Exempt Documentation for our files for future use in reimbursable expense accounting. Thanks.

Sincerely,

Kenneth J. Eldridge, PE
Chief Mechanical Engineer

SILVER / PETRUCELLI + ASSOCIATES

P: 203.230.9007 x 260 | F: 203.230.8247 | C: 203.671.3976

From: Malcolm Leichter <mleichter@hebronct.com>**Sent:** Tuesday, February 25, 2020 12:47 PM**To:** Ken Eldridge <keldridge@silverpetrucelli.com>**Cc:** Ryan Haley <rhaley@silverpetrucelli.com>; Steve June <sjune@silverpetrucelli.com>; Elaine Griffin <EGriffin@hebronct.com>; Andy Tierney <atierney@hebronct.com>; John Collins <jcollins@hebronct.com>; hrpetit@gmail.com; mlarkin@hebron.k12.ct.us; David Foster <nilrem@sbcglobal.net>; Richard Steiner <rsteiner183@aol.com>; slevin@hebron.k12.ct.us; tbaird@hebron.k12.ct.us; tschiavi@hebron.k12.ct.us; wdurocher@hebron.k12.ct.us; Wayne Warwick (wwarwick31@gmail.com) <wwarwick31@gmail.com>**Subject:** Invoice 20-217

Ken,

I received this invoice yesterday and it was not the easiest thing to follow. I noticed you were billing us Tax on the printing and the Town is tax exempt. I made an adjustment and documented it on the attachment here

Can you please review the way I matched things up to be sure I got it right. The documentation needs to be easy to follow and complete for both our finance department to pay it and also for DAS to reimburse it

Thanks
Mal



ANDREW J. TIERNEY
TOWN MANAGER

Town of Hebron

**TOWN OFFICE BUILDING
15 GILEAD STREET
HEBRON, CONNECTICUT 06248
TELEPHONE: (860) 228-5971
FAX: (860) 228-4859
www.hebronct.com**

DANIEL LARSON
CHAIRMAN

GAIL B. RICHMOND
VICE CHAIRMAN

JOHN B. COLLINS
SELECTMAN

PETER D. KASPER
SELECTMAN

MARC P. RUBERA
SELECTMAN

RE: TAX EXEMPT CERTIFICATE -- Town of Hebron

To Whom it May Concern:

The Town of Hebron, Connecticut is exempt from all sales taxes per Section 12-412 General Statutes of Connecticut.

The Town of Hebron is a municipality in the State of Connecticut.

It is the Policy of the Department of Revenue Services not to issue an exempt permit to any entity described in the second paragraph of this letter. The State provides a **CERT-134 Sales and Use Tax Exemption for Purchases by Qualifying Governmental Agencies** or you may use this letter in lieu of an exemption permit.

The Town of Hebron's Federal Tax Identification Number is: 06-6002015.

Thank you.

Sincerely,

Elaine Griffin
Finance Director

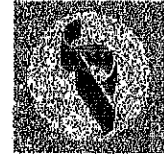
Silver Petrucelli & Associates, Inc.
 3190 Whitney Avenue, Bldg 2
 Hamden, CT 06518
 2032309007
 bpetrucelli@silverpetrucelli.com
 http://www.silverpetrucelli.com

Fx1

mod.

(AT)

2/24/20



INVOICE

INVOICE # 20-217
 DATE 02/01/2020
 DUE DATE 03/02/2020
 TERMS Net 30

BILL TO
 Town of Hebron
 Mr. Andrew Tierney
 15 Gilead Street
 Hebron, CT 06248

See Adjustment

PLEASE DETACH TOP PORTION AND RETURN WITH YOUR PAYMENT.

SP&A JOB NUMBER
 19.003

PROJECT MANAGER
 KE

ACTIVITY	SEE AMOUNT	DATE	AMOUNT
Services	7,750	1.00	7,750.00
Grant pre-application services			
SD-Schematic Design	9,200	1.00	9,200.00
Schematic Design			
CD-Const Docs	22,900	1.00	22,900.00
Construction Documents			
BID	3,600	1.00	3,600.00
Bid Phase			
CA-Const Admin	17,500	0.15	\$875.00
Construction Administration 15% completed, 5% billed this month			2,625.00
Total Fee	60,950		
Total Fee			
Add. Services	530		
cost per meeting beyond those specified in the RFP			
Add. Services	820		
costs per week for CA beyond the schedule in the Construction CD			
Printing Services	800	1.31105	\$64.02
The Color Company \$61.90x1.10=\$68.09 billed this month			1,048.84
Consultant			
Fuss&O'Neill \$48871.57x1.10=\$53758.73 billed this month			Addendum #1 \$20,006.69
Previously Billed			Addendum #2 \$33,752.04
mailto:EGriffin@hebronct.com EMAIL			\$53,758.73

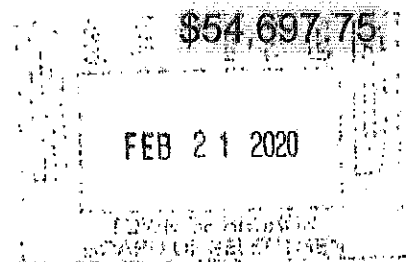
Drinking water-contamination remediation project
 Hebron Elementary School

BALANCE DUE

\$54,701.82

\$54,697.75

FEB 21 2020



Entity	INVT	Comment	Product	Cost	Tax	Sub-Total	10% Utilit	Total	Revised Total	Printing Cost		
										Cost	10% Utilit	Total
SP&A	20-217	OK	5% CA	\$875.00	\$0.00	\$875.00	N/A	\$875.00	\$875.00	Printing	\$54.00	
SP&A	"	We are Tax Exempt SEE REVISION	Drawings	\$58.20	\$8.70	\$66.90	\$6.19	\$68.09		Binding	\$4.20	
Fuss	0218090	Not sure Which addendum and for what	7777	\$18,187.90	\$0.00	\$18,187.90	\$1,818.79	\$20,006.69	\$20,006.69	Total	\$58.20	\$5.82
Fuss	0218091	Not sure Which addendum	Gradient	\$30,683.67	\$0.00	\$30,683.67	\$3,068.37	\$33,752.04	\$33,752.04			
								\$54,701.82				

Addendum #1 Billing



FUSS & O'NEILL, INC.

Remit to:	For EFT/ACH:
Fuss & O'Neill, Inc.	Bank of America
146 Hartford Road	ABA 011900254
Manchester, CT 06040	Acct 385016029253
T 860.648.2469	FEIN: 06-0845648
F 860.649.6883	INVOICE

Job No: 19,003

Kenneth Eldridge, PE
Silver/ Petrucelli + Associates
3190 Whitney Avenue
Building 2
Hamden, CT 06518

Base Contract: _____ Line Item: _____ Add'l Fee:

December 12, 2019
Invoice No: 0218090
Project Manager: Kathleen Pane

Date: 1/2/20 Initial: KJE

Purchase Order:

Invoice Total \$18,187.90

Project 20180168 W30 Hebron Elementary School-Hazardous Materials Consulting Services
Professional Services through November 23, 2019

Task 000010 Inspection, Labor and Report
Fee
Total Fee 7,950.00

Total Earned	7,950.00
Previous Fee Billing	0.00
Current Fee Billing	7,950.00
Total Fee	7,950.00
Total this Task	\$7,950.00

Task 000015 Laboratory Analysis

Unit Billing

10/17/2019	Asbestos PLM Bulk <1% 48 Hr	211.0 Labs @ 16.00	3,376.00	
10/28/2019	Asbestos PLM Bulk <1% 48 Hr	4.0 Labs @ 16.00	64.00	
10/17/2019	Asbestos TEM Bulk NOB 48 Hr	30.0 Labs @ 80.00	2,400.00	
10/28/2019	Asbestos TEM Bulk NOB 48 Hr	6.0 Labs @ 80.00	480.00	
	Total Units		6,320.00	6,320.00
			Total this Task	\$6,320.00

Task 000022 Pre-Bid Meeting/Rf'is

Professional Personnel

Associate	Hours	Rate	Amount	
Pane, Kathleen	1.50	206.00	309.00	
Totals	1.50		309.00	
Total Labor				309.00
			Total this Task	\$309.00

Task 000025 Specifications

Fee
Total Fee 2,000.00

Total Earned	2,000.00
Previous Fee Billing	0.00
Current Fee Billing	2,000.00
Total Fee	2,000.00

Net 30 days unless otherwise agreed-1.5% service charge on invoice balance over 30 days (18% per year). All applicable sales tax included.

Project 20180168.W30 Hebron Elementary School-Hazardous Mater Invoice 021800

Total this Task \$2,000.00

Task 000028 Contractor Submittal Review
Professional Personnel

Associate	Hours	Rate	Amount
Pane, Kathleen	1.00	206.00	206.00
Totals	1.00		206.00
Total Labor			206.00
Total this Task			\$206.00

Task 000030 Project Monitoring
Professional Personnel

CADD, Survey, Technician III	Hours	Rate	Amount
Vanderveer, Stacy	1.00	98.00	98.00
Totals	1.00		98.00
Total Labor			98.00
Total this Task			\$98.00

Task 000034 Project Management
Professional Personnel

Associate	Hours	Rate	Amount
Pane, Kathleen	6.25	206.00	1,287.50
Totals	6.25		1,287.50
Total Labor			1,287.50

Reimbursable Expenses

Employee Mileage			
10/21/2019	Pane, Kathleen	Miles - 30	17.40
Total Reimbursables			17.40
Total this Task			\$1,304.90

Task 000036 PCM Background/Final Air Analysis

Total this Task 0.00

Task 000038 Air Sampling Pumps/Reimb. Expenses

Total this Task 0.00

Task 000040 Documentation Report

Fee			
Total Fee	1,500.00		
Percent Complete	0.00	Total Earned	0.00
		Previous Fee Billing	0.00
		Current Fee Billing	0.00
		Total Fee	0.00
Total this Task			0.00

Total this Invoice \$18,187.90

Addendum #2 Billing



FUSS & O'NEILL, INC.

Remit to:	For EFT/ACH:
Fuss & O'Neill, Inc.	Bank of America
146 Hartford Road	ABA 011900254
Manchester, CT 06040	Acct 385016029233
† 860.646.2469	FEIN: 06-0845648
† 860.649.6883	

INVOICE

Job No: 19.003

Kenneth Eldridge, PE Base Contract: _____ Line Items: _____ Add'l Fees:
 Silver/Petrucci + Associates
 3190 Whitney Avenue
 Building 2
 Hamden, CT 06518

December 12, 2019
 Invoice No: 0218091
 Project Manager: Kathleen Pane

Date: 12/20 Initial: KJP

Purchase Order:

Invoice Total \$30,683.67

Project: 20160188.W40 Silver Petrucci & Associates-Hebron Elementary School-Health Risk Assessment
Professional Services through November 30, 2019

Task	000010	Gradient Corporation plus 15% Markup			
Consultants					
Direct Subconsultants & Subcontractors					
	11/29/2019	Gradient Corporation	2192080	25,994.28	
		Total Consultants		25,994.28	29,893.42
			1.15 times		
					29,893.42
			Total this Task		\$29,893.42

Task	000020	Fuss & O'Neill Meeting Support			
Professional Personnel					
			Hours	Rate	Amount
Associate					
		Pane, Kathleen	3.75	206.00	772.50
Researcher, Clerical		Rose, Geryl	.25	71.00	17.75
		Totals	4.00		790.25
		Total Labor			790.25
				Total this Task	\$790.25
				Total this Invoice	\$30,683.67

Invoiced to Date	Current	Prior	Total
	30,683.67	0.00	30,683.67

Net 30 days unless otherwise agreed-1.5% service charge on invoice balance over 30 days (18% per year). All applicable sales tax included.



The Color Company

86 Willow Street,
Building 12,
New Haven, CT 06511

Copy

INVOICE

Silver Patruccelli
3190 WHITNEY AVE BLDG 2
HAMDEN CT 06518-2340
USA

Document Number: 900532196
Document Date: 01/13/20
Page: 1/1
Customer No.: 381267
Works Order: Nh00910620
Your P.O. No.: 19.003
Your Job No.:
Your Contact: Rich Abrahams
Del Address: 3190 WHITNEY AVE BLDG 2
HAMDEN CT 06518-2340
USA

Item		Price	Quantity	Total	Currency: \$
72200	bond 24x36	0.180	300	54.600	
70300	Standard - Binding	2.100	2	4.200	

Thank you for your order.

Invoice Subtotal:	\$ 58.80
Total Tax Amount:	\$ 3.70
Total Amount	\$ 62.50

<p>Find out more about our services for copying, digital imaging, on-line document management, on-site services plus office & technology supplies. Visit www.thecolorcompany.com</p>	<p>Make checks payable to: Color Company I, Inc. 85 Willow Street New Haven, CT 06511</p>	<p>Bank Transfers: Account Name: THE COLOR COMPANY I INC Account No: 003878926 Bank Name: MFC Bank USA, N.A. Bank ABA/Routing No: 021001088 Bank Address: 110 William Street New York, NY 10038 SWIFT Code: MFCUS33 (For Int'l Wires)</p>
<p>For questions on this invoice, call 203-624-0440</p> <p><small>Terms: net 30 days - all sales are subject to sales tax. Claims for shrinkage or damage must be made upon receipt of goods. Items marked above were produced in compliance with the Fair Labour Standards Act of 1983, as amended. All shipments are F.O.B. shipping point. Federal ID number - 42-1278181</small></p>		

AIA[®] Document G802[™] – 2017

SP&A Inv#20-217 FundO Project # 20168168
03-02-2020
\$33,762.04

Addendum #2 \$34,293.60
Balance \$641.56

Mal Leichter

Amendment to the Professional Services Agreement

PROJECT: *(name and address)*
Contaminated Water Piping
Replacement
92 Church Street
Hebron CT 06248

AGREEMENT INFORMATION:
Date: March 2019

AMENDMENT INFORMATION:
~~Amendment Number: 002~~

Date: October 9, 2019

OWNER: *(name and address)*
Town of Hebron
15 Gilead Street
Hebron CT 06248

ARCHITECT: *(name and address)*
Silver Petrucci & Associates, Inc.
3190 Whitney Avenue
Hamden CT 06518

The Owner and Architect amend the Agreement as follows:
Additional services for Health Risk Assessment and in accordance with proposal dated October 9, 2019 attached to this Amendment.

The Architect's compensation and schedule shall be adjusted as follows:

Compensation Adjustment:

Additional Not to Exceed fee of \$34,293.60 (\$31,176 plus SPA 10% markup of \$3,117.60).

Schedule Adjustment:

To be concurrent with the design and construction schedule.

SIGNATURES:

Silver Petrucci & Associates, Inc.
ARCHITECT *(Firm name)*

SIGNATURE

William R. Silver, AIA, President
PRINTED NAME AND TITLE

DATE

10-9-19

Town of Hebron

OWNER *(Firm name)*

SIGNATURE

Malcolm Leichter, Chairman,
HES Building Committee

PRINTED NAME AND TITLE

DATE

10/16/2019



FUSS & O'NEILL

Mr. Kenneth J. Eldridge

October 9, 2019

Page 2

Gradient will provide a comparison to existing health-based standards. Gradient will then develop exposure scenarios that are representative of a typical student's potential exposures, quantify the concentrations to which this population may be exposed, and use toxicity values published by state and federal agencies to estimate risks. Gradient will provide a short written report on lead in drinking water - Estimated cost: \$8,000-12,000.

2. Review of PEX. Gradient will provide a short written report on chemicals in PEX and the potential for exposure related to PEX piping - Estimated cost: \$5,000-8,000.
3. Gradient can provide technical advice in several different forms during the course of this project, including on conference calls, in written format as bulleted conclusions or talking points for school administration, in fact sheets that can be provided to parents, and, if needed, in-person visits. The types of communication listed above are generally helpful in communicating with faculty, staff, parents, local health department staff, and school board members - Estimated cost: \$1,000-3,000 depending on the communication materials needed.
4. Gradient can also develop presentation materials and attend public meetings to communicate with faculty, staff, parents, local health department staff, and school board members - Estimated cost: \$2,000-3,000 for a presentation and attendance at a meeting.

Project Fees

Health Risk Assessment

1.	Gradient Corporation Services	\$16,000 - \$26,000
2.	Fuss & O'Neill Administration and Management of Sub Consultant - 15% mark-up of services	\$2,400 - \$3,900
3.	Fuss & O'Neill Meeting Support for Hazardous Building Materials - if required - Estimate 6 hours @ \$206/hour, Mileage Allowance - \$40	\$1,276
Cost Estimate		\$19,676 - \$31,176

Julie C. Lemay, M.P.H.

Senior Environmental Health Scientist

j.lemay@gradientcorp.com



Ms. Lemay is an environmental health scientist with extensive experience in human health risk assessment under federal and state regulations, epidemiology, exposure assessment, and managing databases for risk assessment and literature review projects. She also performs critical review of ecotoxicology and human epidemiology studies and provides technical support for toxic tort cases. Before joining Gradient, Ms. Lemay worked as a health assessor for the Massachusetts Department of Public Health, where she conducted public health assessments on landfills, waste sites, and other areas of public concern.

Representative Projects

Brownfield Site Risk Assessment: Managed a risk assessment under the Massachusetts Contingency Plan (MCP) to define the need for remediation or Activity and Use Limitations (AULs) at a Brownfield site. Identified cost-effective and health protective strategy for property redevelopment.

Air Monitoring Data Analysis: On behalf of a solid waste facility, evaluated community ambient air monitoring data and potential odor impacts with respect to potential exposures in residents near a non-hazardous waste landfill.

Ecotoxicological Evaluation: Developed a streamlined, yet environmentally-protective, approach for a global pharmaceutical company. Estimated Predicated No Effect Concentrations (PNECs) for Active Pharmaceutical Ingredients (APIs) that lack environmental toxicity data.

Product Risk Assessment: Conducted hazard and risk assessments to determine safety of regular use of children's personal care products.

Epidemiological Review and Analysis: On behalf of a trade organization, reviewed epidemiology studies assessing associations between bisphenol A (BPA) and several health effects.

Human Health Risk Assessment: Provided guidance and risk assessment support for a former landfill where new homes have been built. Guidance included risk-based sampling strategies and data evaluation to determine potential health risks at the site.

Regulatory Comment: Provided written and oral comments to state governments on exposure and risk assessment for crumb rubber products and their bearing on regulations for the use of synthetic turf.

Areas of Expertise

- Human Health Risk Assessment
- Epidemiology
- Exposure Assessment
- Risk Communication
- Public Health
- Data Analysis and Interpretation

Education

M.P.H., Environmental Health, Boston University School of Public Health

B.A., Political Science and Environmental Science, College of the Holy Cross

OSHA-Certified 40 Hours of Training in Hazardous Waste Operations and Emergency Response

Selected Publications and Presentations

Peterson, MK; Lemay, JC; Pacheco Shubin, S; Prueitt, RL. 2018. "Comprehensive multipathway risk assessment of chemicals associated with recycled ("crumb") rubber in synthetic turf fields." *Environ. Res.* 160:256-268. doi: 10.1016/j.envres.2017.09.019.

Goodman, J; Lemay, J; Mattuck, R; Mayfield, D; Verslycke, T; Zhang, J; Zu, K. 2016. "Chapter 4. Health risk assessment." *In Environmental Science Deskbook, Release #14.* (Ed.: Conrad, JW Jr.), Thomson Reuters, Eagan, MN, 61p.

Goodman, JE; Prueitt, RL; Sax, SN; Lynch, HN; Zu, K; Lemay, JC; King, JM; Venditti, FJ. 2014. "Weight-of-evidence evaluation of short-term ozone exposure and cardiovascular effects." *Crit. Rev. Toxicol.* 44(9):725-790.

Lemay, JC; Prueitt, RL; Hixon, MI; Goodman, JE. 2013. "Distinguishing between Risks and Hazards: A Case Study of Bisphenol A." Presented at SRA Annual Meeting, Baltimore, MD, December 8-11.



Science and Strategies for Health and the Environment www.gradientcorp.com

20 University Road, Cambridge, MA 02138 | 617-395-5000

 **AIA** Document G802™ – 2017

Mal Leichter

Amendment to the Professional Services Agreement

PROJECT: *(name and address)*
Contaminated Water Piping
Replacement
92 Church Street
Hebron CT 06248

AGREEMENT INFORMATION:
Date: March 2019

AMENDMENT INFORMATION:
Amendment Number: 001

Date: October 9, 2019

OWNER: *(name and address)*
Town of Hebron
15 Gilead Street
Hebron CT 06248

ARCHITECT: *(name and address)*
Silver Petrucelli & Associates, Inc.
3190 Whitney Avenue
Hamden CT 06518

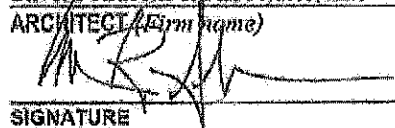
The Owner and Architect amend the Agreement as follows:
Additional services for Hazmat Materials Consulting and in accordance with proposal dated September 17, 2019 attached to this Amendment.

The Architect's compensation and schedule shall be adjusted as follows:

Compensation Adjustment:
Additional Not to Exceed fee of \$29,755.00 per the phasing in the attached proposal.

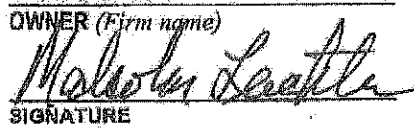
Schedule Adjustment:
To be concurrent with the design and construction schedule.

SIGNATURES:

Silver Petrucelli & Associates, Inc.
(Firm name)

SIGNATURE

William R. Silver, AIA, President
PRINTED NAME AND TITLE

10-9-19
DATE

Town of Hebron
(Firm name)

SIGNATURE

Malcolm Leichter, Chairman,
HBS Building Committee
PRINTED NAME AND TITLE

9-19-2019
DATE

SILVER/PETRUCELLI

Architects and Engineers

3190 Whitney Avenue, Hamden, CT 06518-2340

Tel: 203 230 9007 Fax: 203 230 8247

silverpetrucelli.com



September 17, 2019

Malcolm Leichter
Town of Hebron
Chairman, HES Building Committee
Hebron, CT 06248

RE: Town of Hebron
Hebron Elementary School Additional Services by Fuss & O'Neill to Provide Hazmat
Consulting Services
S/P+A #19.003

Dear Mal:

We are pleased to propose the following additional services of a lead consultant to provide hazardous building materials consulting services to support the Water Remediation Project at the Hebron Elementary School located at 92 Church Street in Hebron, Connecticut. The services encompassed by this proposal are a "not-to-exceed" value which would be re-addressed at such a time when budgeted funds are allocated, as detailed below.

As specified in this proposal, our sub-consultant, Fuss & O'Neill, will provide services which include the following:

- Suspect asbestos-containing material (ACM) inspection;
- Lead-based paint (LBP)-coated building components determination;
- Retain epidemiologist to support the project (fee to be submitted in future once Client provides direction);
- Development of technical specification for the abatement of ACM, LBP and lead soldered piping; and
- Construction administration and project monitoring during the abatement work.

PROJECT BACKGROUND

Based on previous testing performed by others, lead solder has been identified associated with the water lines at the Site and has affected the drinking water quality above Environmental Protection Agency (EPA) drinking water standard. The plumbing will be abandoned and new cross-linked polyethylene (PEX) plumbing lines installed, as well as new hot-water heaters and other associated equipment. The two wells utilized for drinking water were directly sampled and found not to contain a level of lead above laboratory detection limits.

As part of the Water Remediation Project, building components will be disturbed for new installations, such as, but not limited to, gypsum wall board and taping compound, ceramic wall tile, grout and mortar, concrete block systems, suspended ceiling tiles, etc.

Miscellaneous Materials, such as floor tile, gaskets, ceiling tiles, construction mastics, etc., will include a minimum of two representative samples collected for each different homogeneous material type. Sampling will be conducted in a manner sufficient to determine asbestos content of the homogeneous material as determined by the Asbestos Inspector(s).

Fuss & O'Neill will collect a set of samples of each different suspect material type. Analysis will be stopped upon receipt of the first positive asbestos result of each different suspect material type. If a positive result (> 1% asbestos) is not identified using the PLM method, confirmatory analysis using the TEM NOB Method will be performed.

F&O has included an estimated budget of 250 samples for PLM analysis. They will also perform confirmatory sample analysis of NOB materials using TEM NOB method. They have budgeted 38 samples for TEM NOB analysis. Sample analysis will be at unit rates per sample basis. Please note that this is only an estimated number of the samples that may be required for this engagement. Based on our evaluation of the site, additional samples may be required.

2. Testing of Surfaces for Lead-Based Paint

It is our understanding that previous LBP testing has not been performed at the Site. Fuss & O'Neill recommends conducting a LBP determination utilizing X-Ray Fluorescence (XRF) instrumentation to identify lead paint levels on building components that may require Toxicity Characteristic Leaching Procedure (TCLP) analysis to determine waste disposal options.

This work shall be conducted in consultation with the CTDPH Lead Poisoning Prevention and Control Regulations, the Occupational Safety and Health Administration (OSHA) Regulation 29 CFR 1926.62, and the EPA Resource Conservation and Recovery Act Hazardous Waste Regulations (Title 40 CFR, Parts 261 - 266). During this process, a lead inspector will test the various suspect painted surfaces and building components for lead content.

It is necessary to ascertain the lead content of the paints for contractors to know their responsibilities under OSHA Title 29 CFR, Part 1926.62, Lead Exposure in Construction. The lead content of the painted surfaces, substrates and quantities of lead-coated building components involved can determine if TCLP analysis is required to determine waste disposal options.

Lead waste characterization for disposal using TCLP analysis determines the potential for lead from painted surfaces to leach into groundwater from landfills. If any LBP-coated building components are intended for demolition and landfill, a representative sample must be collected and analyzed using TCLP. Fuss & O'Neill must be informed of the building components intended for demolition prior to the Site inspection. Fuss & O'Neill has not included samples for TCLP analysis as it is unknown what waste will be generated as part of the project.

The Site is an elementary school and children under the age of six utilize the building (kindergarten). If LBP is identified and the LBP will be disturbed as part of the Water Remediation Project, those LBP surfaces/materials will need to be managed/abated by a Contractor certified in accordance with the EPA Lead Renovation, Repair and Painting (RRP) Rule.

B. Hazardous Building Materials Abatement Design/Specification Development

1. Asbestos and Lead Specification

Fuss & O'Neill will prepare technical specifications and drawings (in AutoCAD format) as part of a bid package to be used for competitive bidding. Fuss & O'Neill will prepare technical specifications and drawings to address removal of asbestos, lead paint, and lead solder to be impacted by this renovation project.

Specifications will be in sufficient detail to form the basis for the submittal of bids by hazardous materials abatement contractors. The specifications will further identify final air clearance levels and other federal or state requirements in accordance with the most stringent and current regulatory requirement. It is our understanding that the Site will not be occupied by children/students during

A. Hazardous Building Materials Construction Administration/Project Monitoring
1. Project Monitoring:

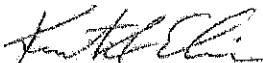
Estimate 40 hours (5 days) @ \$98.00/hour	\$4,315
PCM Background Air Sample Analysis Estimate 50 samples @ \$10.00/sample Assumes 8 per day (5 days)	\$550
PCM Final Air Sample Analysis Estimate 35 samples @ \$10.00/samples Assume 5 work areas, with 7 samples each	\$385
Air Sampling Pumps 5 pumps per day @ \$15/pump Assume 5 days	\$415
Project Management Estimate 10 hours @ \$206.00/hour	\$2,265
Reimbursable Expenses Allowance	\$330
Monitoring Summary Report	\$1,650
Total Cost Estimate Item C	\$9,910
 TOTAL COST ESTIMATE ITEMS A-C	 \$29,755

Should additional services be required beyond this fee, we will seek approval from the Town for additional fee before any additional work is undertaken.

Invoices will be submitted on a regular basis, and payment will be due within thirty (30) days.

Thank you for the opportunity to submit this proposal for additional consultation. If you are in agreement, please sign below as indicated or issue a Purchase Order for the work.

Very truly yours,



Kenneth J. Eldridge, P.E.
Chief Mechanical Engineer

On this 19th day of September 2019

By Malcolm Leichter
(signed)

Printed: Malcolm Leichter

Title: HES Building Committee Chairman