

Nettesheim, Denise G - DNR

From: Ken Ebbott <kebbott@fehr-graham.com>
Sent: Wednesday, April 01, 2015 12:57 PM
To: dedrewssr@sbcglobal.net; Nettesheim, Denise G - DNR
Subject: Scope of Additional Vapor Mitigation and Change Order 5
Attachments: Change order 5 subslab system Vapor 2015.pdf

Dennis and Denise,

I have received a quote (verbal, but will be a hard copy coming) for installation of a subslab vapor mitigation system beneath the building. With a footprint of 40 by 80 feet, two extraction fans with two floor penetrations each have been assumed, at a cost of \$5,000. That included an electric permit, and piping (3 inch diameter) with mounting of the fans either on the wall or on the roof of the single story building, depending on the situation.

The contractor will do testing of the extraction area of influence, and Fehr Graham will be present for the installation to oversee the extraction field testing as well. It is expected to require one day for the system installation.

After installation, a documentation report will be sent showing the system installation details and the subslab communication test results.

Approximately 90 days after installation and operation commences, we will obtain indoor air samples from the site at the same locations tested previously - the seamstress office space on the first floor, and the second floor apartment. One ambient outside sample will also be obtained, with all samples utilizing 24 hour 6-liter summa canisters, and analysis for the same five chlorinated VOC parameters.

Upon receipt of the results, letters will be sent to the building occupants notifying them of the findings.

The estimated cost for the work identified above is shown on the Change Order 5, and totals \$8,866, of which \$5,666 is for contractor expenses that will be forwarded directly to Dennis Drews for payment.

I trust this information meets your needs, and look forward to hearing from you regarding the scope of work, budget, and time for the conference call.

Thanks,

Ken Ebbott

KENDRICK EBBOTT | P.G. Branch Manager
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**CHANGE ORDER 5 INTERIM ACTION: VAPOR MITIGATION SYSTEM FOR SUB-SLAB VAPOR AND INDOOR AIR TESTING,
April 1, 2015**

Olde Tyme Dry Cleaners, 925 Horicon Street, Mayville, WI

ITEM DESCRIPTION	Total Addl Cost	Prior Appvd Cost	Total Cost
Consultant Site Investigation Prior Budget Subtotal Task	\$0	\$27,235	\$27,235
Consultant Interim Action Subslab System Instln and Testing Vapor (see below) Subtotal Task	\$3,200	\$4,990	\$8,190
Contractor Site Investigation Prior Budget Subtotal Task	\$0	\$22,924	\$22,924
Contractor Interim Action Subslab System Instln Vapor (see below) Subtotal Task	\$5,666	\$2,700	\$8,366
TOTAL	\$8,866	\$57,849	\$66,715

CONSULTANT Interim Action Subslab System Installation and Follow Up Testing			
System Installation Oversight, Performance Monitoring, and Indoor Air Testing 90 days later			
Sr. Hydro	\$90.00	6 hour	\$540
Field Hydro Installn Oversight, Perf Monitor	\$75.00	5 hour	\$375
Field Hydro Follow Up Sampling (order, ship, deploy, pick up, tabulate)	\$75.00	10 hour	\$750
PID Rental	\$100.00	1 day	\$100
Micromanometer Rental	\$50.00	1 day	\$50
Data Eval / Interpretation / Letter	\$90.00	6 hour	\$540
TOTAL CONSULTANT SERVICES			\$2,355

COMMODITY Interim Action Subslab System Installation and Testing			
System Installation			
Two Fans, Two Penetrations Per Fan, Elect Permit	\$5,000.00	1 lump	\$5,000
Post Installation System Monitoring			
Lab CVOC Indoor Air Analysis (regular turn)	\$222.00	3 each	\$666
TOTAL COMMODITY SERVICES			\$5,666

CONSULTANT Documentation Report of Installation, Performance Testing			
Sr. Hydro	\$90.00	4 hour	\$360
Hydro (data eval, tabulate)	\$75.00	5 hour	\$375
CAD	\$55.00	2 hour	\$110
TOTAL CONSULTANT SERVICES			\$845

Olde Tyme Cleaners approves of the site investigation costs described above and authorizes Fehr Graham to proceed with these activities. Fehr Graham shall not exceed any of these costs without receiving written authorization. The terms and conditions of the original contract for this project will apply to these services.


_____ Date

Olde Tyme Cleaners

This approval does not guarantee the reimbursement of costs. Final determination regarding the eligibility of costs will be determined at the time of claim review.

_____ Date

Ms. Denise Nettesheim, WDNR


_____ Date

Mr. Kendrick Ebbott, Fehr Graham

4/1/2015
Date