Hi Ron,

Attached the analytical chemistry results for the tank excavations.

To help you interpret, samples were numbered as "815 - **** " for building 815, "W-1 **** " for Warehouse 1, and "W-2 **** " for Warehouse 2.

"Comp" refers to composite, "bottom" to the bottom of the excavation, and "sides" to the sidewalls. Let me know if there is any other interpretation on the samples. I tried to keep the naming self-evident.

The findings are mostly understandable and predictable, with the excavation at Warehouse 1 the exception.

Summary:

Samples from around the two tanks behind Warehouse 2: minimal if any sign of petroleum, confirmed by the absence of odors and no visible staining of the soil.

Building 815: Some diesel and number 5 fuel oil residual, but below Method A levels. No PCBs, small amounts of PAHs, which are below industrial clean up standards (but not below unrestricted use levels).

Warehouse 1: The 1500-gallon pit had trace petroleum, but well below regulatory levels.

The Warehouse 1 8000-gallon tank pit is the odd one - the petroleum levels are below cleanup standards for oil and diesel. The odd part is that the PAHs are very high - exceeding cleanup levels. PAHs, as you know, are indicative of partial combustion. I think of pots of boiling oil. So where did this come from? Maybe you guys have a little knowledge here about the history of the tanks. Maybe the heating coils were set too high or overused? Anyway, the 2 compounds of most interest are benzo(a)pyrene (cleanup level of 2 mg/kg industrial) and naphthalene (5 mg/kg). The levels in the soil at Warehouse 1 are 27 for benzo(a)pyrene and non-detect for naphthalene. There are also other "carcinogenic PAHs" that would have to be evaluated. The conclusion I reach is that we must remove some soil to meet regulatory limits. Let me know if you concur.

Thanks.

Matt

-----Original Message-----
Subject: Re: Analytical results for USTs

Hello Matt

Please send the lab results to Ron Smith.

If you have any questions, please don't hesitate to call me or reply to this message.

Mushroom Montoya, AIA
GSA Architect & Project Manager

When you donate through the CFC, you join so many others to make this world a better place.
Hello All,

Mixed news on the analytical results.

The good news is that the excavation at Building 815 is sufficiently clean that no excavation is required and we can proceed with filling the excavation.

The odd news is that even though the regulatory limits for petroleum at Warehouse 1 are met, there are some compounds known as polynuclear aromatics hydrocarbons (PAHs) in high enough concentrations to require removal of the soil. PAHs are typically seen in cases of charring or very heavy fuel. One would normally see PAHs in asphaltic materials. The better news on this tank is that the walls of the excavation are clean, so there is a limited amount of contaminated soil that must be removed. (I have seen cases where hundreds to thousands of tons of soil must be removed and there appears to be no end in sight - this doesn't appear to be the case here.)

The soil under the 8000-gallon tank by Warehouse 2 appears clean, and we will proceed with abandonment.

We will be coordinating with you on the removal of soil at Warehouse 1.

Thanks,

Matt

GSA side walls results.pdf  GSA Lab results Warehouse 2 tank.pdf  GSA W2 and PAH results.pdf  GSA W2 and 815 results.pdf
Probable Construction Sequence:

1. Excavate / remove 1500-gallon tank first
2. Take soil samples
3. Excavate trench near 8000-gallon UST
4. Take samples from near / under 8000-gallon UST
5. Backfill excavation (after sample results)
6. Fill 8000-gallon tank with controlled density fill.
PROJECT NAME: Auburn SSA
ADDRESS: Auburn SSA
CONTRACTOR: NCS
CONT. ADDRESS: 

We are pleased to quote the following products:

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Unit Price</th>
<th>Units</th>
</tr>
</thead>
<tbody>
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<td>Environmental Compliance</td>
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<td>cy</td>
</tr>
<tr>
<td>5401</td>
<td>Fuel Surcharge</td>
<td>$7.50</td>
<td>load</td>
</tr>
<tr>
<td></td>
<td>CDF</td>
<td>$50.00</td>
<td>cy</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>92</td>
<td>Fibermesh</td>
<td>$8.00</td>
<td>bag/cy</td>
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<tr>
<td>80</td>
<td>Calcium Chloride 1%</td>
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<tr>
<td>85</td>
<td>Liquid Admixtures</td>
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<td></td>
<td>Pump Blowback</td>
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<td>Color Washout Fee</td>
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Terms and Conditions:

net 30

2. Delivery is for normal Mon-Fri, 8:00 a.m. to 4 p.m. Overtime charged after 4:00 p.m.

3. When 24 hour notice is given, material will be supplied in sufficient quantities to cause no delay to the contractor. Notice of cancellation for a scheduled delivery must be received no later than 1 1/2 hours prior to scheduled delivery.

4. Material prices are FOB jobsite as delivered by truck operating under its own power.

5. Prices in effect for duration of project.

6. Backcharges/Short pays must be received in writing within 3 days of delivery.

7. Price quote is in effect for 30 days after bid. Project must start within 90 days of quote or rebid may occur.

8. Prices reflect current cement prices. Quoted prices are subject to change based on current cement supply and price.

Contact Person: 253-333-3705x410

Thank You

Bob Thompson
PROJECT: DESIGN-BUILD: UNDERGROUND STORAGE TANK REMOVAL  
LOCATION: AUBURN, WASHINGTON  
SOLICITATION NO.  
REF:  
DATE: September 27, 2005  

BID ITEM NO. Mod 1- Warehouse 2 UST Abandonment  

<table>
<thead>
<tr>
<th>TASK 1: Project management</th>
<th>Units</th>
<th>Unit Price</th>
<th>Cost</th>
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<tr>
<td>ITEM</td>
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<tr>
<td>Labor</td>
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<tr>
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<td>$ 209.42</td>
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<tr>
<td>Field Manager</td>
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<td>Project assistant</td>
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<td>Sub-Total</td>
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Collection, Shipping and Analysis Sub-Total: $ 235.60

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<th>TASK 2: Oversight, Tank Removal, Cleansing, Transport and Disposal, Paving, Electrical</th>
<th>Units</th>
<th>Unit Price</th>
<th>Cost</th>
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<tbody>
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<td>ITEM</td>
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<tr>
<td>Labor</td>
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<tr>
<td>Project Manager</td>
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<td>$ -</td>
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<tr>
<td>Field Manager</td>
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<td>$ 72.13</td>
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<tr>
<td>Field Technician</td>
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<td>Operator- Heavy eqmt &amp; concrete</td>
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<td>Laborer</td>
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<td>Sub-Total</td>
<td></td>
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<td>$ 72.13</td>
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Equipment Rental:  
- Asphalt cutting saw  
- Metal nibbler  
- Air compressor, 185 cfm  
- Sawzall  
- Nitrogen pack (for inerting tank)  
- Backfill material, 2-inch minus pit run  
- Backfill, 5/8 crushed, delivered  
- Controlled density fill & Environmental surcharge  
- CDF fuel surcharge  
- Concrete and forms  
- Concrete mixer  
- Storm line  

Sub-Total: $ 414.00

Sub-Contractors:  
- AA Asphalting  
- Tank inerting/cleaning/transport/disposal  
- Electrical support  

Sub-Total: $ (1,168.00)

Tank Removal, Cleaning, Transport and Disposal Sub-Total: $ (1,510.87)
### TASK 3: Report Preparation

<table>
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<tr>
<th>ITEM</th>
<th>Units</th>
<th>Unit Price</th>
<th>Cost</th>
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<tbody>
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<td>Labor</td>
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<td>Project manager (reporting)</td>
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<td>$104.71</td>
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<td>Sub-Total</td>
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<td>General Requirements Sub-Total</td>
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**SITE WORK SUB-TOTAL**

| Subcontractor's Sub-Total | $ (1,169.00) (a) |
| MCS's Sub-Total           | $ (1,555) (b)    |

| Subcontractor Overhead     | 10.00% of (a)   | $ (116.90) |
| Corporate Overhead         | 16.80% of (b)   | $ (0.26)   | $ (1,287.71) (c) |

| Profit                    | 7.00% of (c)    | $ (90.14)  | $ (1,377.85) (d) |
| Bond                      | 3.50% of (d)    | $ (48.22)  | $ (1,426.08)    |
| Sales Tax                 | 3.80% of (d)    | $          | $          |
| Business & Occupation Tax | 1.50% of (d)    | $ (21.39)  | $ (1,447.47)    |

**SITE WORK TOTAL**

<table>
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<tr>
<th></th>
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<td><strong>SITE WORK TOTAL</strong></td>
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<td>$ (1,447.47)</td>
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PROPOSAL
D.W. Close Company, Inc.
4304 So. 131st Place
Seattle, WA 98168
Phone: (206) 242-0098 Fax: (206) 242-2787

TO: MCS Environmental, Inc.
6505 216th Street SW Suite 100
Mountlake Terrace, WA 98043
ATTN: Matt Schultz
m.schultz@mcs-environmental.com

RE: Service Rates
Phone: 425-697-4340
FAX:
DATE: 9/27/2005
Proposal: 059-05

Per your request, we submit pricing and specifications for the above referenced project as follows:

Specifications:
None

Rates - Service Wireman and Vehicle
Service rates apply for small scope quick response projects and/or 24 hour emergency call-out.

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Rate</th>
<th>Additional Charges</th>
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<td>1/2 day labor $344.00</td>
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<tr>
<td>Overtime (HR)</td>
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<tr>
<td>Doubletime (HR)</td>
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</table>

* (2) hour minimum
* Regular hours apply during normal business hours Monday through Friday.
* Overtime hours apply to first (2) hours following regular hours and first (8) hours Saturday.
* Doubletime hours apply following all overtime hours, Sundays and holidays.

Specific Exclusions:
* Washington State Sales Tax
* Overtime or Shift Premiums
* Handling of Hazardous Materials
* Utility Charges
* Service Modifications
* Temporary Power

Thank you for considering D.W. CLOSE COMPANY, INC. for your projects. We look forward to your authorization to proceed on the above referenced project. This quote will be subject to review and subsequent revisions after 30 days. If you have any questions, or if we can be of further assistance, please contact me at 206-835-7244.

Sincerely,
D.W. CLOSE COMPANY, INC.

Bill St. Peter
Project Manager

Acceptance of Proposal:
The prices and conditions above are satisfactory for the work described. You are hereby authorized to perform the work as outlined above. Payment will be made within 30 days or as agreed to otherwise. Owner is to provide fire and all other necessary insurance's. Alterations from the above specifications may involve additional costs and will be executed only upon written notice. All agreements contingent upon strikes, accidents or delays beyond our control.

Owner/Contractor: _______________________________ Date: ___________________
September 27, 2005

Matt Schultz
MCS Environmental, Inc.
6505 216th Street SW, Suite 100
Mountlake Terrace, WA 98043

RE: Tank Decommissioning, Removal, and Disposal at GSA Facility, Auburn

Dear Mr. Schultz:

Thank you for the opportunity to provide you with a revised cost proposal on this project. These costs include a tank cleaning crew (supervisor, laborers (2), site trucks, and vacmaster) to decommission four underground diesel storage tanks (1-10,000, 1-8,000, and 2-1,500 gallon tanks) by removal. An additional underground diesel storage tank (1-8,000 gallon tank) will be closed in-place. Removal of surface material, clean overburden, tank removal/loading, and backfill (including CDF) and restoration will be done by others. Clearcreek assumes the tanks are not tar coated for disposal purposes. Additionally, Clearcreek assumes that a marine chemist is not required since the tanks were used for diesel storage.

The schedule of values for this project includes the following:

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Qty</th>
<th>Units</th>
<th>Unit Price</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Site mobilization/de-mobilization</td>
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<td>LB</td>
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<td>2</td>
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<td>LB</td>
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<td>$3,395.00</td>
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<td>3</td>
<td>Decommission and removal/in-place of two 8,000-gallon UST</td>
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<td>EA</td>
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<td>4</td>
<td>Decommission and removal of one 1,500-gallon UST</td>
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<td>EA</td>
<td>$1,670.00</td>
<td>$3,340.00</td>
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</table>

ESTIMATED PROJECT TOTAL $11,935.00

Please refer to Attachment A for cost proposal assumptions and exclusions for this project. Give me a call if you have any questions or comments regarding this proposal.

Sincerely,

[Signature]
Jay Wilcox
Project Manager

3203 15th Street, Everett, WA 98201 Tel: [425] 252-8800 Fax: [425] 252-1093