



January 11, 2013

Ms. Melanie Koslow  
Construction Manager  
Mt. Diablo Unified School District  
3333 Ronald Way  
Concord, CA 94521-1098  
Email: [koslowm@mdusd.org](mailto:koslowm@mdusd.org)

**SUBJECT: Proposal for Providing Hazardous Materials Design and Monitoring Services to Support the Science Center Remodel Project (SES No. 12-113)**

Dear Ms. Koslow:

Sensible Environmental Solutions Inc. (SES) is pleased to respond to the Mt. Diablo Unified School District's (MDUSD) request for a proposal to provide hazardous materials abatement design and monitoring services to support the subject project. The proposed scope of work and costs are based on our review of the information provided by MDUSD on December 5, 2012 and December 20, 2012 correspondence.

#### SUMMARY OF SCOPE

##### Task 1 – Hazardous Materials Pre-design Inspection

Asbestos Survey: SES will visit each site and visually inspect all accessible interior and exterior building areas related to this project for suspect asbestos containing materials (ACMs). Homogeneous materials will be identified and noted. Samples of each homogeneous material will be collected if sufficient data is not available to determine whether or not a material contains asbestos or if varying sample results collected during previous surveys requires additional sampling. Samples will be collected using methods that avoid rendering the material friable during sampling. Samples will be placed in sealed and labeled containers and sent to a NIST/NVLAP accredited laboratory for analysis of bulk samples for asbestos content by Polarized Light Microscopy (PLM).

Lead-based Paint Survey: SES's California Department of Public Health Certified Lead Inspectors/Risk Assessors will conduct a lead-based paint (LBP) survey of accessible interior and exterior areas related to this project for suspect LBP. The LBP survey will be conducted by X-ray fluorescence (XRF) testing using an RMD portable XRF spectrum analyzer, Model LPA-1. For each test performed, test data recorded includes the location, component name, substrate composition, sample time and sample result for lead content in milligrams per square centimeter (mg/cm<sup>2</sup>). LBP sampling utilizing an XRF spectrum analyzer allows for screening a large number of surfaces for moderate to high lead content without damaging the surface. Each test is assigned an arbitrary test sequential number by the XRF data management system as testing proceeds and information pertaining to test location, component tested and substrate are entered for each test. Because the RMD XRF spectrum analyzer provides only positive or negative readings for LBP, no paint chip sampling will be required at this time.

PCB Ballasts and Fluorescent Light Tubes: SES will visually inspect a representative number of light fixtures at each site to determine the presence of PCB light ballasts and fluorescent lamps.

##### Task 2 – Development of Hazardous Materials Abatement Documents

Utilizing the information collected during the pre-design investigation phase, SES will prepare detailed hazardous materials abatement drawings and specifications for the abatement of identified hazardous materials that will be impacted by the Science Center Remodel Project.

Ms. Melanie Koslow  
Proposal for Hazardous Materials Design and Monitoring Services  
YVHS – Science Center Remodel Project  
SES No. 12-113  
January 11, 2013  
Page 2

SES will prepare the following abatement drawings:

- HZ 0.0 Title Sheet
- HZ 1.0 Science Center – Abatement Floor Plan

SES will prepare abatement specifications that may include the following sections:

- Section 00335 – Existing Hazardous Materials Conditions;
- Section 01011 – Summary of Hazardous Materials Work;
- Section 02075 – PCB Ballasts, PCB Transformers and Universal Wastes;
- Section 02080 – Asbestos Abatement; and
- Section 02090 – Lead Impacted Construction and Abatement (If applicable).

SES will provide draft drawings and specifications at the 90% completion stage of work for review and comment by the Project Team. SES will incorporate review comments and provide one set of PDF Bid Documents for reproduction.

SES will also attend one (1) pre-bid conference meeting to discuss and review the scope of work for the abatement project. SES will address contractor questions regarding the scope of work and prepare any necessary clarifications and/or addenda to clarify existing scope of work prior to the bid due date.

### **Task 3 - Bidding Services**

SES will attend one (1) pre-bid conference meeting to discuss and review the scope of work for the abatement project. SES will address contractor questions regarding the scope of work and prepare any necessary clarifications and/or addenda to clarify existing scope of work prior to the bid due date.

### **Task 4 – Pre-Construction / Submittal Review**

SES will attend one (1) pre-construction Meeting to discuss and review scopes of work, address contractor questions regarding the scope of work and prepare any necessary clarifications that may be required during the course of the abatement project.

SES will review and approve the hazardous materials abatement contractor's submittal package. SES's review will consist of ensuring the Contractor's work plan is acceptable and meets the requirements of the project and applicable regulations.

### **Task 5 – Inspection and Abatement Monitoring**

SES will provide the following hazardous material related work. Monitoring services will include the following:

- Providing an on-site inspector who is a California Certified Site Surveillance Technician (CSST) and California Department of Public Health (CDPH) Lead Professional;
- Conducting pre-start visual inspections of the contractor's work areas, documenting the contractor's work procedures and collecting daily submittals;

Ms. Melanie Koslow  
 Proposal for Hazardous Materials Design and Monitoring Services  
 YVHS – Science Center Remodel Project  
 SES No. 12-113  
 January 11, 2013  
 Page 3

- Collecting daily air samples for asbestos outside of work areas during abatement activities. SES has budgeted for the collection of five (5) asbestos PCM air samples per shift; and
- Conducting final visual inspections and clearance air sampling for asbestos at completion of abatement operations in accordance with EPA AHERA Protocols.

Because the abatement scope of work and schedule are unknown at this time, SES has provided a daily rate for monitoring services excluding sample analysis. SES can provide a cost for Task 5 Inspection and Monitoring services upon identification of the hazmat scope of work and abatement schedule. SES has attached our Fee Schedule for your reference.

**Task 6 – Project Close-out**

At the completion of the project, SES will provide an electronic copy of the Final Hazardous Materials Management Report. The final report will document the hazardous materials procedures utilized during the project and include a project narrative, daily logs, sample survey forms, laboratory results, photographs and the Contractor's pre and post-abatement submittal information.

**PROPOSED COSTS**

Proposed costs for the services described herein will be performed on a time and materials basis, not to exceed basis as follows:

**Design Services**

Task 1 – Pre-Design Investigation	\$ 2,130
Task 2 – Development of Hazmat Documents	2,160
Task 3 – Bidding Services	290
<b>Design Services Total</b>	<b>\$ 4,580</b>

**Monitoring Services**

Task 4 – Pre-Construction / Submittal Review	\$ 580
Task 5 – Inspection & Monitoring Services (Daily Rate for 8-hr Shift is \$650 per shift + Clearance Samples)	TBD
Task 6 – Project Close-out	590
<b>Monitoring Services Total</b>	<b>TBD</b>

Refer to the attached Hazmat Design / Monitoring Services spreadsheet for a detailed breakdown of costs. Your acceptance of this proposal can be indicated by issuance of a notice to proceed and a mutually acceptable contract. Should you have any questions, please contact Bob Sutton at (925) 689-9737.

Sincerely,  
 SENSIBLE ENVIRONMENTAL SOLUTIONS INC.



Robert C. Sutton, CAC, CDPH  
 Manager, Environmental Services

Attachment: Hazmat Design / Monitoring Services – Detailed Costs  
 SES Fee Schedule – MDUSD 2012 - 2013

## Hazmat Design / Monitoring Services - Detail Costs

**Project:** Ygnacio Valley High School - Science Center Remodel Project  
**District Project Number:** Unknown  
**Proposal Due Date:** 1/11/2013

**IH Firm:** Sensible Environmental Solutions Inc.

**Contact:** Bob Sutton

**Email Address:** bob@sensibleinc.net

**Scope of Work:** Provide hazardous materials consulting services to facilitate the Science Center Remodel Project at Ygnacio Valley High School. Services include hazmat investigation design, development of hazardous materials abatement drawings and specifications, bidding services, pre-construction / submittal review, abatement monitoring and project closeout..

### Task 1: Hazardous Materials Pre-design Inspection

Labor				
Labor Category	Description of Work	No. of Hours	Hourly Rate per SOQ	Total
Senior Project Professional	Surveys, Data Analysis & Reporting	8	\$140.00	\$1,120.00
Field Technician	XRF Survey	4	\$75.00	\$300.00
Administrative Support	Clerical, Data Entry, etc.	2	\$45.00	\$90.00
<b>Total Other Costs</b>				<b>\$1,510.00</b>
Other Costs				
Item	No. of Item	Fixed Unit Rate	Total	
PLM Analysis (3 to 5 day Turnaround Time (TAT))	25	\$17.00	\$425.00	
PLM Point Count Analysis - 1,200 Point Count (3 to 5 Day TAT)	0	\$125.00	\$0.00	
PCB Bulk (SW8082) 3 to 5 day TAT)	0	\$75.00	\$0.00	
AAS Analysis for Lead Paint Chip (3 to 5 Day TAT)	0	\$19.00	\$0.00	
XRF Rental (Daily Rate)	0.5	\$250.00	\$125.00	
Office Consumables	14	\$5.00	\$70.00	
<b>Total Other Costs</b>				<b>\$620.00</b>
<b>TOTAL TASK 1</b>				<b>\$2,130.00</b>

### Task 2: Development of Hazardous Materials Abatement Documents

Labor				
Labor Category	Description of Work	No. of Hours	Hourly Rate	Total
Senior Project Professional	Haz. Mat. Drawings & Specs	10	\$140.00	\$1,400.00
Senior Project Professional	Design Meeting / Correspondence	2	\$140.00	\$280.00
Drafter	CAD, Drafting	4	\$75.00	\$300.00
Administrative Support	Clerical, Data Entry, etc.	2	\$45.00	\$90.00
Office Consumables		18	\$5.00	\$90.00
<b>Total Other Costs</b>				<b>\$2,160.00</b>
<b>TOTAL TASK 2</b>				<b>\$2,160.00</b>

**Task 3: Bidding Services****Labor**

Labor Category	Description of Work	No. of Hours	Hourly Rate	Total
Senior Project Professional	Addendum Prep. (N/A)	0	\$140.00	\$0.00
Senior Project Professional	Attendance to 1 Pre-bid Walk	2	\$140.00	\$280.00
Administrative Support	Clerical, Data Entry, etc.	0	\$45.00	\$0.00
Office Consumables (Reproduction, Shipping, etc.)		2	\$5.00	\$10.00
<b>Total Labor Costs</b>				<b>\$290.00</b>
<b>TOTAL TASK 3</b>				<b>\$290.00</b>

**Task 4: Pre-Construction / Submittal Review****Labor**

Labor Category	Description of Work	No. of Hours	Hourly Rate	Total
Senior Project Professional	Submittal Review	2	\$140.00	\$280.00
Senior Project Professional	Pre - Construction Meeting (1)	2	\$140.00	\$280.00
Administrative Support	Clerical, Data Entry, etc.	0	\$45.00	\$0.00
Office Consumables		4	\$5.00	\$20.00
<b>Subtotal</b>				<b>\$580.00</b>
<b>TOTAL TASK 4</b>				<b>\$580.00</b>

**Task 5: Inspection & Abatement Monitoring****Labor**

Labor Category	Description of Work	No. of Hours / Shifts	Hourly Rate	Total
Senior Project Professional	Site Coordination and Project Review, Quality Assurance and Day-to-Day Project Management		\$140.00	\$0.00
Administrative Support	Clerical, Data Entry, etc.		\$45.00	\$0.00
Field Technician - Regular	8-Hour		\$650.00	\$0.00
<b>Total Labor Costs</b>				<b>\$0.00</b>

**Other Costs**

Item	No. of Item	Fixed Unit Rate	Total
PCM analysis - 24-hour	0	\$17.00	\$0.00
TEM (AHERA) - 24 hour	0	\$115.00	\$0.00
TEM (AHERA) - 24 hour	0	\$115.00	\$0.00
Lead (wipe/air) - 24 hour	0	\$30.00	\$0.00
NVA Analysis - 24 hour	0	\$95.00	\$0.00
Office Consumables	0	\$5.00	\$0.00
<b>Total Other Costs</b>			<b>\$0.00</b>
<b>TOTAL TASK 5</b>			<b>TBD</b>

**Task 6: Project Closeout****Labor**

<b>Labor Category</b>	<b>Description of Work</b>	<b>No. of Hours</b>	<b>Hourly Rate</b>	<b>Total</b>
Senior Project Professional	Report Preparation	2	\$130.00	\$260.00
Project Administrator	Report Preparation	4	\$75.00	\$300.00
Office Consumables		6	\$5.00	\$30.00
<b>Total Other Costs</b>				<b>\$590.00</b>
<b>TOTAL TASK 6</b>				<b>\$590.00</b>



**MOUNT DIABLO UNIFIED SCHOOL DISTRICT  
SES BILLING RATES AND FEES FOR 2012-2013**

**Hourly Billing Rates**

<u>Labor Category*</u>	<u>Hourly Rate*</u>
Associate Professional (CIH/PE/Arch)	\$ 200
Senior Project Professional (Project Director / QA/QC Manager)	140
Project Professional (Task / Staff Manager)	110
Staff Professional	90
Field Technician (CAC/CSST/CDPH Certified Professional)	75
Project Administrator	75
Staff Draftsperson	75
Clerical	45

\* Hourly rates for work over 8-hours a day, weekends, and/or holidays shall be one and one-half times the regular hourly rate.

<u>Daily Rates**</u>	<u>Daily Rate</u>
<b>Daily Rates (Regular Shift – Monday through Friday)</b>	
4-hour monitoring shift (Regular Shift – Monday through Friday)	\$ 450
8-hour monitoring shift (Regular Shift – Monday through Friday)	650
<b>Daily Rates (Premium Shift – Weekend/Holiday Hours)</b>	
4-hour monitoring shift (Premium Shift – Weekend/Holiday Hours)	\$ 610
8-hour monitoring shift (Premium Shift – Weekend/Holiday Hours)	950

\*\* Daily rates include certified asbestos or lead professional for up the hours stipulated, air sampling equipment, excluding laboratory analysis. Additional costs associated with these items will be reimbursed in accordance with the rates identified in this fee schedule.

**Percentage of Mark-up for Supplies and Materials**

<u>Miscellaneous In-House Services</u>	<u>Hourly Rate</u>
Office consumables, environmental consumables and survey consumables	\$5 per hour charged

<u>Other Direct Costs</u>
Actual cost plus 15%

**Laboratory Fees**

<u>Analysis Type</u>	<u>Rush</u>	<u>24 hour</u>	<u>48 hour</u>	<u>3-5 day</u>
Phase Contrast Microscopy (PCM)	\$ 23.00	\$ 17.00	\$ 17.00	\$ 12.00
Polarized Light Microscopy (PLM)	29.00	21.00	21.00	17.00
Additional Layer Analysis (PLM)	10.00	10.00	10.00	10.00
PLM for Soil or Rock	46.00	35.00	35.00	23.00
PLM Point Count (1200 points)	-----	300.00	300.00	200.00
Transmission Electron Microscopy (TEM)	150.00	115.00	115.00	87.00
Atomic Absorption Spectroscopy (AAS) for lead	41.00	30.00	23.00	19.00



Analysis Type	Rush	24 hour	48 hour	3-5 day
(Air/Bulk/Wipe)				
Atomic Absorption Spectroscopy (AAS) for lead (Soil)	-----	46.00	46.00	25.00
Atomic Absorption Spectroscopy (AAS) for lead (Water)	-----	105.00	52.00	29.00
TTLC for Lead	41.00	35.00	35.00	23.00
TCLP for Lead	-----	-----	-----	115.00
STLC for Lead	-----	-----	-----	115.00
Non-culturable Mold Air Samples	125.00	95.00	80.00	65.00
Non-culturable Mold Tape Lift Samples	86.00	80.00	64.50	43.00

**Specialty Laboratory Fees:**

1. Rush price applies for all analyses required on Saturday or Sunday.
2. Lab Opening Fee up to \$575 for all analyses required on Saturday, Sunday or Off Hours.
3. Other types of analyses (i.e. culturable mold, PCR, IAQ, etc.) available upon request.

**Contracts**

We revise our standard hourly and daily rates annually as a matter of policy. We reserve the right to revise fees whenever circumstances necessitate. This fee schedule was prepared in December of 2012.



December 14, 2012

Ms. Melanie Koslow  
Construction Manager  
Mt. Diablo Unified School District  
3333 Ronald Way  
Concord, CA 94521-1098  
Email: [koslowm@mdusd.org](mailto:koslowm@mdusd.org)

**SUBJECT: Proposal for Providing Hazardous Materials Design and Monitoring Services to Support the S Wing Clean-up Project (SES No. 12-113)**

Dear Ms. Koslow:

Sensible Environmental Solutions Inc. (SES) is pleased to respond to the Mt. Diablo Unified School District's (MDUSD) request for a proposal to provide hazardous materials abatement design and monitoring services to support the subject project. The proposed scope of work and costs are based on our review of the information provided by MDUSD on December 5, 2012.

#### **SUMMARY OF SCOPE**

##### **Task 1 – Hazardous Materials Pre-design Inspection**

Asbestos Survey: SES will visit each site and visually inspect all accessible interior and exterior building areas related to this project for suspect asbestos containing materials (ACMs). Homogeneous materials will be identified and noted. Samples of each homogeneous material will be collected if sufficient data is not available to determine whether or not a material contains asbestos or if varying sample results collected during previous surveys requires additional sampling. Samples will be collected using methods that avoid rendering the material friable during sampling. Samples will be placed in sealed and labeled containers and sent to a NIST/NVLAP accredited laboratory for analysis of bulk samples for asbestos content by Polarized Light Microscopy (PLM).

Lead-based Paint Survey: SES's California Department of Public Health Certified Lead Inspectors/Risk Assessors will conduct a lead-based paint (LBP) survey of accessible interior and exterior areas related to this project for suspect LBP. The LBP survey will be conducted by X-ray fluorescence (XRF) testing using an RMD portable XRF spectrum analyzer, Model LPA-1. For each test performed, test data recorded includes the location, component name, substrate composition, sample time and sample result for lead content in milligrams per square centimeter (mg/cm<sup>2</sup>). LBP sampling utilizing an XRF spectrum analyzer allows for screening a large number of surfaces for moderate to high lead content without damaging the surface. Each test is assigned an arbitrary test sequential number by the XRF data management system as testing proceeds and information pertaining to test location, component tested and substrate are entered for each test. Because the RMD XRF spectrum analyzer provides only positive or negative readings for LBP, no paint chip sampling will be required at this time.

PCB Ballasts and Fluorescent Light Tubes: SES will visually inspect a representative number of light fixtures at each site to determine the presence of PCB light ballasts and fluorescent lamps.

##### **Task 2 – Development of Hazardous Materials Abatement Documents**

Utilizing the information collected during the pre-design investigation phase, SES will prepare detailed hazardous materials abatement drawings and specifications for the abatement of identified hazardous materials that will be impacted by the S Wing Clean-up Project.

Ms. Melanie Koslow  
Proposal for Hazardous Materials Design and Monitoring Services  
YVHS – S Wing Clean-up Project  
SES No. 12-113  
December 14, 2012  
Page 2

SES will prepare the following abatement drawings:

- HZ 0.0 Title Sheet
- HZ 1.0 S-Wing – Abatement Floor Plan

SES will prepare abatement specifications that may include the following sections:

- Section 00335 – Existing Hazardous Materials Conditions;
- Section 01011 – Summary of Hazardous Materials Work;
- Section 02075 – PCB Ballasts, PCB Transformers and Universal Wastes;
- Section 02080 – Asbestos Abatement; and
- Section 02090 – Lead Impacted Construction and Abatement (If applicable).

SES will provide draft drawings and specifications at the 90% completion stage of work for review and comment by the Project Team. SES will incorporate review comments and provide one set of PDF Bid Documents for reproduction.

SES will also attend one (1) pre-bid conference meeting to discuss and review the scope of work for the abatement project. SES will address contractor questions regarding the scope of work and prepare any necessary clarifications and/or addenda to clarify existing scope of work prior to the bid due date.

### **Task 3 - Bidding Services**

SES will attend one (1) pre-bid conference meeting to discuss and review the scope of work for the abatement project. SES will address contractor questions regarding the scope of work and prepare any necessary clarifications and/or addenda to clarify existing scope of work prior to the bid due date.

### **Task 4 – Pre-Construction / Submittal Review**

SES will attend one (1) pre-construction Meeting to discuss and review scopes of work, address contractor questions regarding the scope of work and prepare any necessary clarifications that may be required during the course of the abatement project.

SES will review and approve the hazardous materials abatement contractor's submittal package. SES's review will consist of ensuring the Contractor's work plan is acceptable and meets the requirements of the project and applicable regulations.

### **Task 5 – Inspection and Abatement Monitoring**

SES will provide the following hazardous material related work. Monitoring services will include the following:

- Providing an on-site inspector who is a California Certified Site Surveillance Technician (CSST) and California Department of Public Health (CDPH) Lead Professional;
- Conducting pre-start visual inspections of the contractor's work areas, documenting the contractor's work procedures and collecting daily submittals;

Ms. Melanie Koslow  
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 YVHS – S Wing Clean-up Project  
 SES No. 12-113  
 December 14, 2012  
 Page 3

- Collecting daily air samples for asbestos outside of work areas during abatement activities. SES has budgeted for the collection of five (5) asbestos PCM air samples per shift; and
- Conducting final visual inspections and clearance air sampling for asbestos at completion of abatement operations in accordance with EPA AHERA Protocols.

Because the abatement scope of work and schedule are unknown at this time, SES has provided a daily rate for monitoring services excluding sample analysis. SES can provide a cost for Task 5 Inspection and Monitoring services upon identification of the hazmat scope of work and abatement schedule. SES has attached our Fee Schedule for your reference.

**Task 6 – Project Close-out**

At the completion of the project, SES will provide an electronic copy of the Final Hazardous Materials Management Report. The final report will document the hazardous materials procedures utilized during the project and include a project narrative, daily logs, sample survey forms, laboratory results, photographs and the Contractor’s pre and post-abatement submittal information.

**PROPOSED COSTS**

Proposed costs for the services described herein will be performed on a time and materials basis, not to exceed basis as follows:

**Design Services**

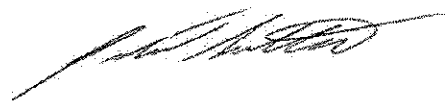
Task 1 – Pre-Design Investigation	\$ 2,130
Task 2 – Development of Hazmat Documents	2,160
Task 3 – Bidding Services	290
<b>Design Services Total</b>	<b>\$ 4,580</b>

**Monitoring Services**

Task 4 – Pre-Construction / Submittal Review	\$ 580
Task 5 – Inspection & Monitoring Services	(Daily Rate for 8-hr Shift) 650
Task 6 – Project Close-out	590
<b>Monitoring Services Total</b>	<b>TBD</b>

Refer to the attached Hazmat Design / Monitoring Services spreadsheet for a detailed breakdown of costs. Your acceptance of this proposal can be indicated by issuance of a notice to proceed and a mutually acceptable contract. Should you have any questions, please contact Bob Sutton at (925) 689-9737.

Sincerely,  
 SENSIBLE ENVIRONMENTAL SOLUTIONS INC.



Robert C. Sutton, CAC, CDPH  
 Manager, Environmental Services

Attachment: Hazmat Design / Monitoring Services – Detailed Costs  
 SES Fee Schedule – MDUSD 2012 - 2013

## Hazmat Design / Monitoring Services - Detail Costs

<b>Project:</b>	Ygnacio Valley High School - S Wing Clean-up Project
<b>District Project Number</b>	Unknown
<b>Proposal Due Date:</b>	12/14/2012
<b>IH Firm:</b>	<u>Sensible Environmental Solutions Inc.</u>
<b>Contact:</b>	<u>Bob Sutton</u>
<b>Email Address:</b>	<u>bob@sensibleinc.net</u>
<b>Scope of Work:</b>	Provide hazardous materials consulting services to facilitate the S Wing Clean-up Project at Ygnacio Valley High School. Services include hazmat investigation design, development of hazardous materials abatement drawings and specifications, bidding services, pre-construction / submittal review, abatement monitoring and project closeout..

### Task 1: Hazardous Materials Pre-design Inspection

Labor				
Labor Category	Description of Work	No. of Hours	Hourly Rate per SOQ	Total
Senior Project Professional	Surveys, Data Analysis & Reporting	8	\$140.00	\$1,120.00
Field Technician	XRF Survey	4	\$75.00	\$300.00
Administrative Support	Clerical, Data Entry, etc.	2	\$45.00	\$90.00
<b>Total Other Costs</b>				<b>\$1,510.00</b>
Other Costs				
Item	No. of Item	Fixed Unit Rate	Total	
PLM Analysis (3 to 5 day Turnaround Time (TAT))	25	\$17.00	\$425.00	
PLM Point Count Analysis - 1,200 Point Count (3 to 5 Day TAT)		\$125.00	\$0.00	
PCB Bulk (SW8082) 3 to 5 day TAT)	0	\$75.00	\$0.00	
AAS Analysis for Lead Paint Chip (3 to 5 Day TAT)	0	\$19.00	\$0.00	
XRF Rental (Daily Rate)	0.5	\$250.00	\$125.00	
Office Consumables	14	\$5.00	\$70.00	
<b>Total Other Costs</b>				<b>\$620.00</b>
<b>TOTAL TASK 1</b>				<b>\$2,130.00</b>

### Task 2: Development of Hazardous Materials Abatement Documents

Labor				
Labor Category	Description of Work	No. of Hours	Hourly Rate	Total
Senior Project Professional	Haz. Mat. Drawings & Specs	10	\$140.00	\$1,400.00
Senior Project Professional	Design Meeting / Correspondence	2	\$140.00	\$280.00
Drafter	CAD, Drafting	4	\$75.00	\$300.00
Administrative Support	Clerical, Data Entry, etc.	2	\$45.00	\$90.00
Office Consumables		18	\$5.00	\$90.00
<b>Total Other Costs</b>				<b>\$2,160.00</b>
<b>TOTAL TASK 2</b>				<b>\$2,160.00</b>

**Task 3: Bidding Services****Labor**

Labor Category	Description of Work	No. of Hours	Hourly Rate	Total
Senior Project Professional	Addendum Prep. (N/A)	0	\$140.00	\$0.00
Senior Project Professional	Attendance to 1 Pre-bid Walk	2	\$140.00	\$280.00
Administrative Support	Clerical, Data Entry, etc.	0	\$45.00	\$0.00
Office Consumables (Reproduction, Shipping, etc.)		2	\$5.00	\$10.00
<b>Total Labor Costs</b>				<b>\$290.00</b>
<b>TOTAL TASK 3</b>				<b>\$290.00</b>

**Task 4: Pre-Construction / Submittal Review****Labor**

Labor Category	Description of Work	No. of Hours	Hourly Rate	Total
Senior Project Professional	Submittal Review	2	\$140.00	\$280.00
Senior Project Professional	Pre - Construction Meeting (1)	2	\$140.00	\$280.00
Administrative Support	Clerical, Data Entry, etc.	0	\$45.00	\$0.00
Office Consumables		4	\$5.00	\$20.00
<b>Subtotal</b>				<b>\$580.00</b>
<b>TOTAL TASK 4</b>				<b>\$580.00</b>

**Task 5: Inspection & Abatement Monitoring****Labor**

Labor Category	Description of Work	No. of Hours / Shifts	Hourly Rate	Total
Senior Project Professional	Site Coordination and Project Review, Quality Assurance and Day-to-Day Project Management	4	\$140.00	\$560.00
Administrative Support	Clerical, Data Entry, etc.	2	\$45.00	\$90.00
Field Technician - Regular	8-Hour	4	\$650.00	\$2,600.00
<b>Total Labor Costs</b>				<b>\$3,250.00</b>

**Other Costs**

Item	No. of Item	Fixed Unit Rate	Total	
PCM analysis - 24-hour	0	\$17.00	\$0.00	
TEM (AHERA) - 24 hour	Clearance Samples	5	\$115.00	\$575.00
TEM (AHERA) - 24 hour	Reanalysis of PCM Samples	0	\$115.00	\$0.00
Lead (wipe/air) - 24 hour		0	\$30.00	\$0.00
NVA Analysis - 24 hour		0	\$95.00	\$0.00
Office Consumeables		6	\$5.00	\$30.00
<b>Total Other Costs</b>			<b>\$605.00</b>	
<b>TOTAL TASK 5</b>			<b>\$3,855.00</b>	

**Task 6: Project Closeout****Labor**

<b>Labor Category</b>	<b>Description of Work</b>	<b>No. of Hours</b>	<b>Hourly Rate</b>	<b>Total</b>
Senior Project Professional	Report Preparation	2	\$130.00	\$260.00
Project Administrator	Report Preparation	4	\$75.00	\$300.00
Office Consumables		6	\$5.00	\$30.00
<b>Total Other Costs</b>				<b>\$590.00</b>
<b>TOTAL TASK 6</b>				<b>\$590.00</b>

**TOTAL: Tasks 1-6****\$9,605.00**



**MOUNT DIABLO UNIFIED SCHOOL DISTRICT  
SES BILLING RATES AND FEES FOR 2012-2013**

**Hourly Billing Rates**

<b>Labor Category*</b>	<b>Hourly Rate*</b>
Associate Professional (CIH/PE/Arch)	\$ 200
Senior Project Professional (Project Director / QA/QC Manager)	140
Project Professional (Task / Staff Manager)	110
Staff Professional	90
Field Technician (CAC/CSST/CDPH Certified Professional)	75
Project Administrator	75
Staff Draftsperson	75
Clerical	45

\* Hourly rates for work over 8-hours a day, weekends, and/or holidays shall be one and one-half times the regular hourly rate.

<b>Daily Rates**</b>	<b>Daily Rate</b>
<b>Daily Rates (Regular Shift – Monday through Friday)</b>	
4-hour monitoring shift (Regular Shift – Monday through Friday)	\$ 450
8-hour monitoring shift (Regular Shift – Monday through Friday)	650
<b>Daily Rates (Premium Shift – Weekend/Holiday Hours)</b>	
4-hour monitoring shift (Premium Shift – Weekend/Holiday Hours)	\$ 610
8-hour monitoring shift (Premium Shift – Weekend/Holiday Hours)	950

\*\* Daily rates include certified asbestos or lead professional for up the hours stipulated, air sampling equipment, excluding laboratory analysis. Additional costs associated with these items will be reimbursed in accordance with the rates identified in this fee schedule.

**Percentage of Mark-up for Supplies and Materials**

<b>Miscellaneous In-House Services</b>	<b>Hourly Rate</b>
Office consumables, environmental consumables and survey consumables	\$5 per hour charged

**Other Direct Costs**

Actual cost plus 15%

**Laboratory Fees**

<b>Analysis Type</b>	<b>Rush</b>	<b>24 hour</b>	<b>48 hour</b>	<b>3-5 day</b>
Phase Contrast Microscopy (PCM)	\$ 23.00	\$ 17.00	\$ 17.00	\$ 12.00
Polarized Light Microscopy (PLM)	29.00	21.00	21.00	17.00
Additional Layer Analysis (PLM)	10.00	10.00	10.00	10.00
PLM for Soil or Rock	46.00	35.00	35.00	23.00
PLM Point Count (1200 points)	-----	300.00	300.00	200.00
Transmission Electron Microscopy (TEM)	150.00	115.00	115.00	87.00
Atomic Absorption Spectroscopy (AAS) for lead	41.00	30.00	23.00	19.00



Analysis Type	Rush	24 hour	48 hour	3-5 day
(Air/Bulk/Wipe)				
Atomic Absorption Spectroscopy (AAS) for lead (Soil)	-----	46.00	46.00	25.00
Atomic Absorption Spectroscopy (AAS) for lead (Water)	-----	105.00	52.00	29.00
TTLC for Lead	41.00	35.00	35.00	23.00
TCLP for Lead	-----	-----	-----	115.00
STLC for Lead	-----	-----	-----	115.00
Non-culturable Mold Air Samples	125.00	95.00	80.00	65.00
Non-culturable Mold Tape Lift Samples	86.00	80.00	64.50	43.00

**Specialty Laboratory Fees:**

1. Rush price applies for all analyses required on Saturday or Sunday.
2. Lab Opening Fee up to \$575 for all analyses required on Saturday, Sunday or Off Hours.
3. Other types of analyses (i.e. culturable mold, PCR, IAQ, etc.) available upon request.

**Contracts**

We revise our standard hourly and daily rates annually as a matter of policy. We reserve the right to revise fees whenever circumstances necessitate. This fee schedule was prepared in December of 2012.