

March 22, 2018

Proposal P18-2086

Mr. Ryan Leahy
Van Pelt Construction Services
5030 Business Center Dr., Suite 240
Fairfield, CA 94534

Sent via email to: ryan.leahy@vpcsonline.com

RE: Proposal for San Rafael City Schools: San Rafael High School Demolition/Renovation Buildings K, L, M, O- Abatement Inspection & Monitoring and Project Closeout 2018

Dear Mr. Leahy,

This letter presents Millennium Consulting Associates' ("Millennium") proposal to provide industrial hygiene services for San Rafael City Schools as part of the San Rafael High School Demolition/Renovation Project, specifically for Buildings K, L, M and O, located in San Rafael, CA.

Project Scope:

Based on the information provided by Van Pelt Construction Services (VPCS), the first phase of the project (Summer 2018) will include demolition of the following buildings: K, L, M and O. The scope of work will include the following tasks:

Task 5 – Abatement Inspection and Monitoring/Testing Services

Provide on-site services during the abatement and hazardous material demolition phase, which includes pre-project submittal review, abatement inspection and monitoring, field inspection reports, clearance testing, and support for waste profiling, in summary the items below:

1. Attending an initial pre-construction meeting to review necessary abatement submittals.
2. Attending weekly construction progress meetings (as necessary) to coordinate abatement monitoring with planned work activities during the various project phases.
3. Reviewing hazardous material subcontractor submittals for conformance with the project specifications.
4. Inspecting abatement enclosures and/or regulated areas prior to initiation of abatement and/or demolition activities for conformance with project specifications.
5. Performing necessary clearance inspections and testing;
6. Assist with waste profiling
7. Performing final acceptance testing (lead wipe testing) following completion of work and prior to turnover to the SRCS as needed.

Task 6 – Project Closeout Services

At the completion of the project, Millennium will prepare final closeout documentation in the form of a report, including a project summary and copies of all relevant field paperwork and testing data.

Fee Estimate Proposal:

Millennium proposes to provide the services referenced above (Tasks 5-6) for a total of **\$33,130**. The task-based fee breakout is as follows:

Task 5 - Abatement Inspection and Monitoring/Testing Services	\$ 31,360.00
Task 6 – Project Closeout Services	<u>\$ 1,770.00</u>
Total	\$ 33,130.00

Additional details are shown on the attached cost detail spreadsheet.

Task 5 Assumptions

- Millennium Project Manager will attend the initial pre-construction, and the on-site consultant will attend weekly construction meetings as necessary.
- Millennium will review the contractor's and the abatement subcontractor submittals that relate to hazardous material abatement, demolition and/or construction dust control.
- Millennium will assist the SRCS CM to document that the general contractor and all subcontractors have identified and marked related hazmat abatement contractor assist to be conducted within each containment. This will be conducted prior to the start of abatement activities.
- Millennium will perform full-time hazmat monitoring during abatement activities and part-time construction dust monitoring, and wipe testing during construction build back as needed. Estimated work shifts are presented in the attached proposal spreadsheet. Note that the time of this proposal, no phasing plans had been developed regarding scope of work.
- Full time shifts are assumed to have duration of 8 hours; half time shifts are assumed to have duration of 4 hours. Monitoring shift work is assumed to be performed during normal construction work hours (between 7:00 am to 5:00 pm) in the Summer 2018 when school is not in session. Premium shift rates will apply for abatement work performed after school hours (3:30 pm or later start time) and will be addressed via change order proposal if necessary. For

the purposes of this proposal, all hazardous materials monitoring and build back monitoring work is assumed to be completed within 30 normal shifts.

- This proposal DOES NOT INCLUDE water testing for new sink installations and fountains for the new building. A separate proposal will be issued for this scope.

Task 6 Assumptions

- The General Contractor and abatement subcontractor provides daily logs, regulated area entry logs and closeout documentation for each containment and/or abatement/RRP activity in timely manner.
- Millennium prepares as-built hazmat abatement drawings. As-built drawings to be attached to all relevant closeout documentation.

Regards,

Millennium Consulting Associates
A MECA Consulting, Inc. Company



Ramil Arcia
Project Engineer

Attachments:

- Fee Schedule – Tasks 5 – 6 San Rafael HS Fee Proposal

ENVIRONMENTAL CONSULTANTS TIME AND MATERIALS BASIS FOR CHARGES

Project: 19097.2000.03 San Rafael High School Renovation/Demolition Phase 1- bldgs KLMO Scope of Work: Provide abatement inspection and monitoring, and project closeout services.				
IH Firm: Millennium Consulting Associates Contact: Ramil Arcia Email Address: rarcia@mecaenviro.com				
Task 5: Abatement Inspection and Monitoring/Testing Services				
Labor				
Labor Category	Description of Work	No. of Hours	Hourly Rate per SOQ	Total
Principal-in-Charge			\$175.00	\$0.00
Registered Professional (CIH/PE)	Project Management	4	\$150.00	\$600.00
Senior Professional Level (Eng./IH/Specialist)	Project Management	12	\$125.00	\$1,500.00
Project Professional Level (Eng./IH/Specialist)			\$105.00	\$0.00
Senior Staff Level (Eng./IH/Specialist)			\$95.00	\$0.00
Staff Level (Eng./IH/Specialist)	Abatement Inspection and Monitoring Reporting	12	\$85.00	\$1,020.00
Sr. Field Technician (Eng./IH/CSST)			\$75.00	\$0.00
Field Technician			\$65.00	\$0.00
Drafting			\$65.00	\$0.00
Admin Support	Clerical, Data Entry	2	\$50.00	\$100.00
Total Labor Costs				\$3,220.00
Other Costs				
Item	No. of Item	Fixed Unit Rate	Total	
4 Hr Shift Standard		\$400.00		\$0.00
8 hr Shift Standard	30	\$700.00		\$21,000.00
10 hr Shift Standard		\$850.00		\$0.00
12hr Shift Standard		\$985.00		\$0.00
4 Hr Shift Premium		\$500.00		\$0.00
8 hr Shift Premium		\$800.00		\$0.00
10 hr Shift Premium		\$950.00		\$0.00
12hr Shift Premium		\$1,115.00		\$0.00
Asbestos: Bulk (PLM) - 24 hr	10	\$20.00		\$200.00
Asbestos: Air (PCM) - 48 hr	90	\$12.00		\$1,080.00
Asbestos: Air (TEM) - AHERA - 24 hr	20	\$75.00		\$1,500.00
Lead: Bulk/Wipe/Air - (Flame AA) - 24 hr	40	\$40.00		\$1,600.00
Toxicity Characteristic Leaching Procedure (TCLP)- 5 Day TAT	10	\$67.00		\$670.00
STLC (California WET Test) - 5 Day TAT	20	\$67.00		\$1,340.00
				\$0.00
Consumables/Travel	30	\$25.00		\$750.00
Total Other Costs				\$28,140.00
TOTAL TASK 5				\$31,360.00
Task 6: Project Closeout Services				
Labor				
Labor Category	Description of Work	No. of Hours/Shifts	Hourly Rate per SOQ	Total
Principal-in-Charge			\$175.00	\$0.00
Registered Professional (CIH/PE)	Tech Review/QA/QC	1	\$150.00	\$150.00
Senior Professional Level (Eng./IH/Specialist)	Manage, Review	4	\$125.00	\$500.00
Project Professional Level (Eng./IH/Specialist)			\$105.00	\$0.00
Senior Staff Level (Eng./IH/Specialist)			\$95.00	\$0.00
Staff Level (Eng./IH/Specialist)	Reporting	12	\$85.00	\$1,020.00
Sr. Field Technician (Eng./IH/CSST)			\$75.00	\$0.00
Field Technician			\$65.00	\$0.00
Drafting			\$65.00	\$0.00
Admin Support	Clerical, Data Entry, etc.	2	\$50.00	\$100.00
Total Labor Costs				\$1,770.00
Other Costs				
Item	No. of Item	Fixed Unit Rate	Total	
Shipping		\$25.00		\$0.00
Office Consumables		\$25.00		\$0.00
Total Other Costs				\$0.00
TOTAL TASK 6				\$1,770.00
TOTAL: TASKS 5 - 6				\$33,130.00