



**CONSOLIDATED ENGINEERING**  
**L A B O R A T O R I E S**

May 11, 2017

\*Updated June 19, 2017

Dr. Dan Zaich  
San Rafael City Schools  
310 Nova Albion  
San Rafael, CA 94903

**Subject: Measure B: Materials Testing and Construction Inspection Services  
San Rafael HS Stadium; CEL #40-05950PW; DSA App #01-115533 DSA File #21-H1  
San Rafael HS HVAC Upgrade; CEL #40-05972PW; DSA App #01-116479, DSA File #21-H1**

Dear Mr. Zaich,

Consolidated Engineering Laboratories (CEL) is pleased to submit our unit rate proposal to provide materials testing and construction inspection services for the **San Rafael High School Stadium project**. CEL would be proud to be part of your team, helping to ensure the construction quality and success of this project.

Following are our cost estimates not to exceed without written approval by the district:

**San Rafael HS Stadium: \$75,000**  
**San Rafael HS Bldg LA HVAC: \$6,500**

Thank you for giving CEL the opportunity to be a part of your project team. We are committed to providing our clients the very best service possible to fulfill their testing and inspection needs, and are eager to prove this commitment to you. Should you have any questions or require additional information, please do not hesitate to contact me.

Respectfully submitted,  
**CONSOLIDATED ENGINEERING LABORATORIES**

Erica Sharp  
Project Manager

This proposal, when signed by client at the space indicated below, shall constitute a legally enforceable contract on the precise, unaltered terms set forth in this proposal and the accompanying Contract Terms and Conditions.

**Client: San Rafael City Schools**

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**Date**



**SAN RAFAEL HIGH SCHOOL STADIUM  
CEL #40-05950PW  
PRICING**

<i>Description</i>	<i>Quantity</i>	<i>Unit Rate</i>
<b>GEOTECHNICAL ENGINEER OF RECORD</b>		
Site reconnaissance, document review, transfer letter preparation, project management, field consultation, value engineering, submittal and RFI review, DSA report preparation, field engineer foundation observations per DSA-103.		
Senior Engineer	Hours	\$ 175.00
Staff Engineer	Hours	\$ 135.00
<b>Observation and testing during earthwork &amp; AC Placement Operations</b>		
Technician - Part to Full Time; Observation and Density Testing	Hours	\$ 90.00
Lab, Atterberg Limits (ASTM D4318)	Each	\$ 170.00
Lab, Gradation (CT 202)	Each	\$ 180.00
Lab - Maximum Theoretical Density (ASTM D2041)	Each	\$ 200.00
Lab, Max Density/Opt Moisture	Each	\$ 250.00
<b>REINFORCED CONCRETE</b>		
Mix Design Review	Each	\$ 150.00
Sampling and Tagging Reinforcing Steel	Hours	\$ 72.00
Rebar Bend and Tensile Test	Each	\$ 85.00
Batch Plant Inspection	Hours	\$ 72.00
Concrete Sampling	Hours	\$ 72.00
Concrete Compression Tests	Cylinders / Sets	\$ 20.00
Sample Pick-Ups	Trip	\$ 40.00
<b>STRUCTURAL STEEL</b>		
Welder Qualifications	Each	\$ 150.00
Welding Procedure Specification Review	Each	\$ 150.00
Shop Fabrication Inspection	Hours	\$ 78.00
Field Welding Inspection	Hours	\$ 78.00
<b>POST-INSTALLED ANCHORS</b>		
Placement of Post-Installed Anchors	Hours	\$ 72.00
Proofload or Torque Testing	Hours	\$ 72.00
Final Affidavit	Per Permit	\$ 400.00
Project Engineering and Management 5%		

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**CEL**  
Initials

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**Client**  
Initials

**SAN RAFAEL HIGH SCHOOL STADIUM**  
**CEL #40-05950PW**  
**PRICING**

**Basis of Charges:** The proposed unit rates will be in effect through December 31, 2017. Thereafter, the unit rates are subject to an annual increase of four percent (4%) per year to mitigate the annual operating cost increases:

Work over 8 Hours per day	Time and One-Half
Work over 12 Hours, Monday through Friday	Double Time
Work on Saturdays	Time and One-Half
Work over 8 Hours on Saturdays	Double Time
Work on Sundays/Holidays	Double Time
Swing or Graveyard Shift Premium	\$12.50 per Hour
Work from 0-4 Hours	4-Hour Minimum Billing
Work from 4-8 Hours	8-Hour Minimum Billing
Show-Up Time	2-Hour Minimum Billing
Sample Pick-Up	\$90.00/Trip
Laboratory Testing – Rush Fee	Add 50% to Testing Cost
Final Affidavit (per permit number) (request six working days advanced notice)	\$400.00
Extra Copies (over four per issue date) of Inspection Reports and Final Affidavit	\$20.00/each
Project Engineering and Management	5% of Fees
Credit Card Payment of Fees	2.5% Premium
Reimbursables	Cost + 15%
QA/QC Plan Written Procedures	Quotation upon Request
Out of Area Services (beyond 40-mile radius)	As Listed Below:
Travel Time	Basic Hourly Rate
Mileage	\$0.60/Mile
Per-Diem, including lodging	\$120.00/Day

**QUANTITY DISCLAIMER:**

This quote outlined herein was based on the following sources:

\* DSA 103's for the project.

This proposal is limited to the scope of services, the number of inspection hours, and the number of associated tests identified herein. Any estimated quantities contained herein are estimates only and Client agrees to payment for services rendered in excess of the estimated quantities and/or cost figures as described herein.

It is recognized that additional services rendered herein under this proposal are schedule driven and are mandated by the scheduling and staffing of the contractor(s). Should items and quantities alter from estimates

In addition, Client recognizes that, on occasion, due to the schedule of the contractor or relevant subcontractors, occasional overtime may be required. CEL typically will have no notice of this until the day the

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**CEL**  
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**Client**  
*Initials*

**SAN RAFAEL HIGH SCHOOL BUILDING LA HVAC UPGRADE  
CEL #40-05972PW  
PRICING**

<i>Description</i>	<i>Quantity</i>	<i>Unit Rate</i>	
<b>POST-INSTALLED ANCHORS</b>			
Placement of Post-Installed Anchors	Hours	\$ 72.00	Hours
Proofload or Torque Testing	Hours	\$ 72.00	Hours
Final Affidavit	Per Permit	\$ 400.00	Each
Project Engineering and Management 5%			

**Basis of Charges:** The proposed unit rates will be in effect through December 31, 2017. Thereafter, the unit rates are subject to an annual increase of four percent (4%) per year to mitigate the annual operating cost increases:

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Work over 12 Hours, Monday through Friday	Double Time
Work on Saturdays	Time and One-Half
Work over 8 Hours on Saturdays	Double Time
Work on Sundays/Holidays	Double Time
Swing or Graveyard Shift Premium	\$12.50 per Hour
Work from 0-4 Hours	per Minimum Billing
Work from 4-8 Hours	per Minimum Billing
Show-Up Time	per Minimum Billing
Sample Pick-Up	\$90.00/Trip
Laboratory Testing – Rush Fee	0% to Testing Cost
Final Affidavit (per permit number) (request six working days advanced notice)	\$400.00
Extra Copies (over four per issue date) of Inspection Reports and Final Affidavit	\$20.00/each
Project Engineering and Management	5% of Fees
Credit Card Payment of Fees	2.5% Premium
Reimbursables	Cost + 15%
QA/QC Plan Written Procedures	upon Request
Out of Area Services (beyond 40-mile radius)	As Listed Below:
Travel Time	Basic Hourly Rate
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_____	_____
<b>CEL</b>	<b>Client</b>
<i>Initials</i>	<i>Initials</i>