

**Gravenstein Union School District
Board of Trustees –
Special Board Meeting Agenda
5:00 PM
Gravenstein School – Room 13
Thursday, May 19, 2016**

If you need an accommodation for the Board Meeting, contact Superintendent Linda LaMarre at (707) 823-7008 or llamarre@grav.k12.ca.us
Agenda documents are available for inspection at the Gravenstein District Office

3840 Twig Avenue, Sebastopol, CA

I. CALL TO ORDER - ROLL CALL

Time: _____ Members present/absent: _____

II. APPOINTMENT OF NEW TRUSTEE TO FILL BOARD VACANCY

A. Interview of Candidates for Board Vacancy

B. Approval of Appointment of Trustee

Motion _____ Second _____ Vote _____

C. Swearing In of New Board Member

III. BUSINESS

A. Ratification of contract with All American Inspection Inc. for In Plant Inspections for Gravenstein Modernization Phase II, Modulares not to exceed \$6,990.

Motion _____ Second _____ Vote _____

B. Acceptance of proposal from LACO for testing services for Gravenstein Modernization Phase II estimated cost \$26,920.

Motion _____ Second _____ Vote _____

C. Gravenstein Elementary Phase II, Increment 1– award bid to lowest responsive bidder, Murray Building, Inc. for \$3,255,000 contingent upon qualifying the bidder.

Motion _____ Second _____ Vote _____

D. Acknowledgement of resignations – Katrina Latham - 1 FTE teacher 6-3-2016 and Matthew McDowell - .43 FTE Probationary Classified 6-3-2016

Motion _____ Second _____ Vote _____

IV. CLOSED SESSION

A. Public Employees

1. Hiring – 1.0 FTE Middle School Principal –**Carn, Bradley**

Motion _____ Second _____ Vote _____

2. Hiring – .43 FTE Temporary Single Subject Math Credentialed Teacher & .57 FTE Probationary Single Subject PE and Computer Credentialed Teacher for 2016-17 – **McDowell, Matthew**

Motion _____ Second _____ Vote _____

3. Discipline/Dismissal/Release

Motion _____ Second _____ Vote _____

V. RECONVENE TO OPEN SESSION

Time _____ Motion _____ Second _____ Vote _____

A. Announce Action Taken in Closed Session

VI. ADJOURNMENT

Time _____ Motion _____ Second _____ Vote _____



2647 Gateway Road, Suite #105-300, Carlsbad, CA 92009 - Ph (760) 683-5200
AllAmericanInspectionInc.com

PROPOSAL ***DSA INSPECTION SERVICES***

March 31, 2016

Gravenstein Union School District
3840 Twig Avenue
Sebastopol, CA 95472

Attention: Ms. Linda LaMarre, Superintendent
RE: In-Plant Inspection Proposal
Project: Relocatable Classroom Building for Gravenstein Elementary School

I am respectfully submitting my proposal for In-Plant inspection services relating to your relocatable building that will be manufactured at Silver Creek International in Perris, CA.

DSA IN-PLANT INSPECTION SERVICE	
PLANT MANUFACTURE: SCI JOB#10800	
<u>No. & Size of Buildings</u>	<u>Inspection Rate</u> (4 or 8-hour minimum per day)
(1) 90 x 32 Classroom Building DSA RBIP & CWI Inspection Service	\$69.90
Estimated Schedule: 5 +/- weeks:	\$6,990.00 (not to exceed)

*This estimate is contingent upon the contractor's ability to complete the scope of work within the allotted time. Total price will be adjusted if the work is completed other than anticipated. This proposal does not include any material testing, which should be provided by an approved lab.

Respectfully Submitting,

Stacey Douglas

Accepted by:

Date: 5/11/16



May 16, 2016

8027.04

Gravenstein Union School District
3840 Twigg Avenue
Sebastopol, California 95472

Attention: Linda LaMarre

Subject: Proposal for Special Inspection and Materials Testing Services
Modernization Phase II
Gravenstein Elementary School
3840 Twigg Avenue, Sebastopol, California
DSA File No. 49-39; DSA App. No. 01-115393

Dear Linda:

LACO Associates (LACO) is pleased to present this proposal to provide Special Inspection and Materials Testing services for the planned modernization at Gravenstein Elementary School located in Sebastopol, California. In preparation of this proposal we have reviewed plans and specifications prepared by AXIA Architects dated April 11, 2016.

PROJECT DESCRIPTION

Based on our review of project plans and specifications we understand that construction activities for this phase of the modernization will include new modular classrooms, modernization of the Administration Building and Buildings A, B and C, new stairs and ramps and a new 32,000 gallon fire suppression tank with a pump house. A retaining wall is also indicated near the east edge of the planned new building. Construction elements that will require special inspection and materials testing services include reinforcing steel, concrete, post-installed anchors, and glue-laminated beams.

SCOPE OF SERVICES

Concrete mix designs will be reviewed by a California registered civil engineer. We will sample reinforcing steel and tag individual bundles at the fabricators facility. Samples will be submitted for laboratory tensile and bend testing in accordance with project documents. We will perform a concrete batch plant inspection and follow the truck to the site for each days concrete placement event. During placement of concrete, we will perform slump and temperature tests, and prepare samples for laboratory compressive strength testing. We will perform shop and field welding inspection for conformance with project plans and specification. In addition, we can perform load-and/or torque-testing of post-installed anchors and high-strength bolts, as required by the Inspector of Record (IOR). In addition we will contract with a qualified firm to perform in-plant inspection during fabrication of glue-laminated beams. The results of our special inspections and laboratory tests will be made available to contractors and the IOR so that timely action can be taken to correct procedures, if needed.

We will provide the services of qualified and certified technicians to perform the work described above on an as-requested basis. We should be notified at least 24-hours in advance to adequately schedule our services. Any workmanship or product discrepancies with construction elements that we are requested to observe and/or test will be brought to the immediate attention of the IOR and

21 W. 4th Street, Eureka, California 95501 707 443-5054 Fax 707 443-0553
311 S. Main Street, Ukiah, California 95482 707 462-0222 Fax 707 462-0223
3450 Regional Parkway, Suite B2, Santa Rosa, California 95403 707 525-1222

contractor(s). Field reports and laboratory test results will be forward to the Architect, DSA, IOR, and Structural Engineer. At completion of the project, we will prepare final Affidavits for similar distribution.

COST EVALUATION

LACO will provide the services of our Special Inspectors on a time-and-materials basis **with no minimum charges** at a rate of \$104 per hour. Other charges will be in accordance with our Schedule of Rates (attached). Accordingly, based on our review of project documents, and experience with similar projects, we recommend that an estimated budget of **\$26,920** be established for our services on this project, as detailed in the following table:

SPECIAL INSPECTION AND MATERIAL TESTING	HOURS	VISITS	RATE	COST
Sample and tag reinforcing steel (rebar)	4	4	\$104	\$1,664
Special inspection during placement of concrete	6	6	\$104	\$3,744
Special inspection of shop and field welding	8	15	\$104	\$12,480
Post installed anchor load/torque tests	3	2	\$105	\$630
Sample transport	1	6	\$105	\$630
Glue-laminated beam inspection (estimate)	-	-	-	\$1,000
Laboratory concrete compression tests (\$25 ea.)	-	-	-	\$750
Laboratory rebar tensile and bend testing (estimate)	-	-	-	\$1,050
Vehicle charges (\$65 per half day)	-	-	-	\$2,145
Professional engineering/management @8%	-	-	\$125	\$1,927
Certified Payroll and DAS Reporting	15	-	\$60	\$900
Total				\$26,920

Should more detailed information or a contractor's schedule become available, we can provide an updated cost evaluation. Please be advised the actual construction schedule and progress of individual contractors control the number of site visits required for observation and testing and that our total fees may vary from our cost estimate. If testing or travel beyond the scope presented herein is required, we will provide those services at the hourly rates quoted herein and/or as indicated on the Schedule of Rates (attached). However, we will not exceed the contract budget without the owner's prior authorization.

SPECIAL CONDITIONS AND / OR ASSUMPTIONS

- LACO is not providing geotechnical or environmental engineering for this project.
- This proposal anticipates that the project qualifies as prevailing wage as set forth by California Department of Industrial Relations.
- At this time, the location of the glue-laminated beam fabrication and shop welding facilities are not known. Should the locations be outside LACO's service area, additional charges could apply.
- This proposal anticipates that the rebar fabrication facility will be located in Sonoma County. Should the facility be otherwise located, additional travel charges could apply.

- The actual sequencing of work by the contractor has the potential to significantly change the final cost of the services LACO will provide for this project. Costs could be reduced or increased depending on contractor performance.
- Each site visit represents a typical site visit, portal to portal, inclusive of labor, vehicle charges, and equipment charges.
- LACO will rely on others (owner or contractor authorized representative) to coordinate the total number of site visits needed to meet the quality assurance and testing requirements of the project.
- Material testing or observation performed by LACO shall not be relied upon as acceptance of the work, and in no way relieves the Contractor of their obligation to perform the work in accordance with the requirements of the Contract Documents, including commonly accepted industry practices.
- LACO requests CLIENT or CLIENT representative assist in providing safe access during on-site visits to facilitate required field testing and sampling.

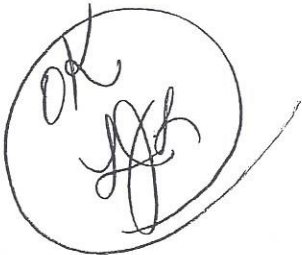
Thank you for considering our services. If this proposal is acceptable, please sign and date the Engineering Services Agreement (attached) and initial the general conditions to follow. We look forward to working with you on this project. Please call us directly at (707) 525-1222 should you have questions.

Sincerely,
LACO Associates



Edward Crump, PE
Senior Civil Engineer

Attachment: Engineering Services Agreement



GENERAL CONDITIONS

LACO will perform only those services outlined in the agreed scope of work, except that CLIENT and LACO may subsequently agree in writing to provide for additional services to be rendered under this agreement for additional, negotiated compensation.

CLIENT has relied on LACO's judgement in establishing the workscope and fee for this project, given the project's nature and risks. CLIENT shall, therefore, rely on LACO's judgement as to the continued adequacy of this Agreement in light of occurrences or discoveries not originally contemplated or known. Should LACO call for contract renegotiation, LACO shall identify the changed conditions which, in LACO's judgement, make such renegotiation necessary, and LACO and CLIENT shall promptly and in good faith enter into renegotiation of this Agreement to help permit LACO to continue to meet CLIENT's needs. If renegotiated terms cannot be agreed to, CLIENT agrees that LACO has an absolute right to terminate this Agreement.

LACO agrees to strive to perform the services set forth in this Agreement in accordance with generally accepted professional practices, in the same or similar localities, related to the nature of the work accomplished, at the time the services are performed. LACO's services shall not be subject to any expressed or implied warranties whatsoever.

Invoices may be submitted to CLIENT as frequently as every four (4) weeks and/or upon completion of the work and are due and payable when presented. All accounts not paid in full within agreed payment terms will include a late payment charge from the date of the invoice, at the rate of 1.5% per month. If legal action is instituted on this account, the prevailing party shall be awarded such attorney's fees and other costs as the Court may adjudge to be reasonable.

If CLIENT for any reason fails to pay the undisputed portion of LACO's invoices fifteen (15) days after invoice due date, LACO has the right to cease work on the project, and CLIENT agrees to waive any claim against LACO for cessation of services, and shall defend and indemnify LACO from and against any claims for injury or loss stemming from LACO's cessation of service. CLIENT agrees to also pay LACO the cost associated with premature project demobilization. In the event the project is remobilized, CLIENT agrees to also pay the cost of remobilization, and shall renegotiate appropriate contract terms and conditions, such as those associated with budget, schedule, or scope of service.

In the event any bill or portion thereof is disputed by CLIENT, CLIENT shall notify LACO within ten (10) days of receipt of the bill in question, and CLIENT and LACO shall work together to resolve the matter within sixty (60) days of its being called to the attention of LACO. If resolution of the matter is not attained within sixty (60) days, either party may terminate this Agreement in accordance with condition contained herein.

In recognition of the inherent risk of claims associated with the services to be provided and in consideration of our Agreement to perform these services, CLIENT agrees to limit LACO's liability for CLIENT and any third parties arising from LACO's professional acts, errors or omissions, such that the total aggregate liability of engineer to all those named shall not exceed \$30,000 or LACO's total fee for services rendered on this project, whichever is greater. (If CLIENT wishes to discuss higher limits and charges involved, he should speak with LACO.) CLIENT further agrees to require of any contractors or subcontractors an identical limitation of LACO's liability for damages suffered by the contractor or subcontractor arising from LACO's professional acts, errors, or omissions. Neither the contractor, nor any of his subcontractors assumes any liability for damages to others which may arise on account of LACO's professional acts, errors or omissions except as otherwise stipulated herein. Limitations on liability and indemnities in this Agreement are business understandings between the parties, voluntarily and knowingly entered into, and shall apply to all theories of recovery, including but not limited to, breach of contract, warranty, tort (including negligence), strict or statutory liability, or any other cause of action, except for willful misconduct or gross negligence.

Both CLIENT and LACO agree that, to the extent allowed by law, they will not be liable to each other for special, indirect, or consequential damages arising out of or related to this Agreement, whether caused by negligence, errors, omissions, strict liability, breach of contract, breach of warranty or other cause or causes whatsoever.

By this Agreement, LACO specifically excludes, disclaims and is discharged from any responsibility or liability for all direct or indirect loss or harm resulting from the presence, failure to discover, interception, escape or discharge of hazardous or toxic materials of any kind, including the contamination of soil, water, air or other property as a result thereof. This exclusion included, but is not limited to, exploration, testing, analysis, or recommendations by LACO.

LACO's scope of work does not include the investigation or detection of the presence of any Biological Pollutants in or around any structure. CLIENT agrees that LACO will have no liability for any claim regarding bodily injury or property damage alleged to arise from or be caused by the presence of or exposure to any Biological Pollutants in or around any structure. In addition, CLIENT will defend, indemnify, and hold harmless LACO from any third party claim for damages alleged to arise from or be caused by the presence of or exposure to any Biological Pollutants in or around any structure, except for damages arising from or caused by LACO's sole negligence. The term "Biological Pollutants" includes, but is not limited to, molds, fungi, spores, bacteria, and viruses, and the byproducts of any such biological organisms.

CLIENT waives any claim against LACO and agrees to defend, indemnify and hold LACO harmless for injury or loss which may arise as a result of (1) alleged cross-contamination of aquifers caused by sampling, (2) release of pollutants to the environment, (3) drill cuttings, fluids or other presumed hazardous materials being left on-site after containerization by LACO, (4) containing, labeling, transporting, testing, storing, or other handling of contaminated samples, (5) any work, error, omission or negligent act performed by contractors or others not under complete and direct supervision by LACO for the specific task required.

Project No. 8153.03

Initials: LACO _____ CLIENT _____

GEN2007

CLIENT is responsible for accurately delineating the locations of all underground structures and utilities. LACO will take reasonable precautions to avoid known subterranean structures, and CLIENT agrees to defend, indemnify and hold LACO harmless from any claim or liability for injury or loss, including costs of defense, arising from damage done to subterranean structures and utilities not identified or accurately located.

In the absence of special arrangements, all uncontaminated samples of soil or rocks will be disposed of by LACO sixty (60) days after submission of our report. Soil, water, rock and/or other waste materials generated during work on the project site shall remain the sole property and responsibility of CLIENT. It is CLIENT's sole responsibility to arrange for lawful disposal of all waste materials. Soil, water, rock and/or other waste materials generated during LACO's work efforts on behalf of the CLIENT which may be contaminated with hazardous or toxic materials or potentially hazardous or toxic materials will be containerized on the site in approved containers at such times as they may be generated. Such materials may be required by law to be characterized and disposed of within a limited time frame. Arranging for disposal of hazardous or toxic materials or potentially hazardous or toxic materials is specifically excluded from the scope of LACO's services. Upon written request from the CLIENT, LACO may assist in coordinating or facilitating lawful disposal procedures by an appropriately-licensed contractor employed by the CLIENT. Regardless of any coordination or facilitation of disposal of hazardous or toxic materials or potentially hazardous or toxic materials by LACO on behalf of the CLIENT, CLIENT agrees to indemnify and hold harmless LACO from any claim of liability for injury, loss or environmental damage, including cost of defense, arising from any disposal of hazardous or toxic materials or potentially hazardous or toxic materials.

LACO and CLIENT agree that discovery of unanticipated hazardous or toxic materials constitutes a changed condition mandating renegotiation or termination of services. LACO agrees to notify CLIENT as soon as practically possible should unanticipated hazardous materials or suspected hazardous or toxic materials be encountered. CLIENT agrees to make any disclosures required by law to the appropriate governmental agencies. CLIENT and LACO also agree that discovery of hazardous materials may make it necessary for LACO to take immediate action to protect health and safety. CLIENT agrees to compensate LACO for all costs required for such action and other costs incident to such unanticipated discovery of hazardous or toxic materials.

CLIENT agrees that construction contractors, subcontractors or others not affiliated with LACO are solely responsible for safety at and near the project site. LACO will have no responsibility or liability for methods of work performance, supervision including selection of equipment, selection or direction of contractor's employees, or sequencing of construction other than that done by LACO's own employees. LACO will not be responsible for excavation safety, temporary slopes, shoring, underpinning, dewatering, or other construction activities of the contractor(s) and subcontractor(s).

Unless otherwise agreed, CLIENT will furnish right-of-entry on land for planned field operations. CLIENT will notify any and all possessors of the project site the CLIENT has granted LACO free access to the site. LACO will take reasonable precautions to minimize damage to the site, but it is understood by CLIENT that, in the normal course of work, some damage may occur and the correction of such damage is not part of the Agreement unless so specified in the proposal or scope of work.

All documents, reports, boring logs, field and survey notes, tracings, and other documents prepared by LACO as instruments of service shall remain the property of LACO. All designs, information, reports, or recommendations prepared or issued by LACO are for the sole use of the CLIENT for the specific project for which they are prepared. CLIENT agrees not to provide such materials to any person or organization unless the person or organization agrees in writing to be bound by the conditions of this Agreement. CLIENT agrees to save and hold LACO harmless from any liability arising from any use made by CLIENT or any other party outside the intent of this Agreement.

All claims, disputes, and other matters in controversy between LACO and CLIENT arising out of or in any way related to this Agreement will be submitted to "alternative dispute resolution" (ADR) before and as a condition precedent to other remedies provided by law. If and to the extent that CLIENT and LACO have agreed on methods for resolving such disputes, then such methods will be set forth in the "Alternative Dispute Resolution Agreement" which, if attached, is incorporated into and made a part of this Agreement. If no specific ADR procedures are set forth in this Agreement, then it shall be understood that the parties will submit disputes to mediation as a condition precedent to litigation.

If a dispute at law arises from matters related to the services provided under this Agreement and that dispute requires litigation instead of ADR as provided above, then: (1) the claim will be brought and tried in the judicial jurisdiction of the Court of the county where LACO's principal place of business is located and CLIENT waives the right to remove the action to any other county or judicial jurisdiction, and (2) the prevailing party will be entitled to recovery of all reasonable costs incurred, including staff time, court costs, attorney's fees, and other claim-related expenses.

This Agreement may be terminated by either party upon ten (10) days written notice by certified mail, return receipt requested. If CLIENT elects to terminate this Agreement, CLIENT will be responsible for all charges, as computed under this Agreement, for work performed by LACO through the tenth day after mailing of the notice of termination.

The laws of the State of California will govern the validity of the terms, their interpretation and performance. If any of the provisions contained in this Agreement are held illegal, invalid, or unenforceable, the enforceability of the remaining provisions will not be impaired. Limitations of liability and indemnities will survive termination of this Agreement for any cause.

Project No. 8153.03

Initials: LACO _____ CLIENT _____


GEN2007



**SCHEDULE OF RATES
(Sonoma, Napa, Marin, and San Francisco Counties)**

HOURLY RATES

Principal Professional*.....	\$155.00 - 201.00 per hour
Project Manager*.....	\$132.00 - 161.00 per hour
Senior Professional*.....	\$121.00 - 175.00 per hour
Staff Professional*.....	\$86.00 - 136.00 per hour
Assistant Professional*.....	\$71.00 - 115.00 per hour
Junior Professional*.....	\$68.00 - 98.00 per hour
Senior Drafter/Designer.....	\$77.00 - 109.00 per hour
Drafter/Designer.....	\$71.00 - 83.00 per hour
Senior Technician.....	\$81.00 - 122.00 per hour
Technician.....	\$69.00 - 81.00 per hour
Special Technician Groups 1-4 - Prevailing Wage Rates.....	\$98.00 - 111.00 per hour
Special Consultants (depends on qualifications).....	\$80.00 - 200.00 per hour
Senior Geotechnical Engineer.....	\$175.00 per hour
Court Appearance/Depositions..... (4 hour minimum)	\$350.00 - 450.00 per hour
Certified Public Accountant.....	\$109.00 per hour
Project Administrator/Coordinator.....	\$63.00 - 92.00 per hour
Clerical.....	\$63.00 - 77.00 per hour

*"Professional" may apply to Engineer, Geologist, Planner, Architect, Environmental Scientist, or other specialties

NOTES

1. The above rates are regular hourly rates and include payroll costs, overhead, and profit. If overtime is requested by the client, it will be charged at 130% of the above hourly rates.
2. In accordance with State labor laws, prevailing wage rates may be required on state or federally funded projects. These rates apply to survey party chief, rodman, chainman, soils field tester, and materials field tester. The hourly rate differential is \$25 to \$27 dollars per hour per person depending on project location and labor classification. The differential will be added to the above hourly rates.
3. Outside services will be performed at Cost plus 15%.
4. Subsistence will be calculated at Actual Cost plus 15% or agreed per diem rates.
5. All travel time will be charged at the regular hourly rates unless other written arrangements are made.

TRANSPORTATION

Automobile and pickup:*	
Trip charge per day.....	\$65.00 per day
Minimum charge, vehicle.....	\$15.00
Over 80 miles.....	Federal Rate + \$0.10 per mile
Other transportation, air travel, etc.....	\$Cost + 15%

MATERIALS

Survey hubs, stakes, lath, or guineas.....	\$1.00 each
Survey markers, plain iron pipe.....	\$5.00 each
Plan copies per sheet (11x17).....black & white \$0.25.....	color \$2.50 each
Plan copies per sheet (24x36).....black & white \$5.00.....	mylar \$20.00..... color \$21.25 each
All other materials or printing.....	\$ Cost + 15%

* Minimum charge of 1/2-day on all equipment billed on daily basis

** Plus Technician Rate



RATES FOR MATERIALS AND SOILS TESTING

Laboratory tests are performed on samples delivered to our lab in Ukiah, California. Sample pick-up, special tests, and unusual sample preparation are billed at the applicable hourly rate. Faxes of reports and duplicate mailings are available for \$5 each. Reports requiring review and signature will be billed at the applicable rate.

A. AGGREGATE AND SOILS TESTING

100.	Sieve Analysis – Coarse and Fine, Caltrans 202, ASTM C-136.....	\$100.00
101.	Sieve Analysis – Coarse, Caltrans 202, ASTM C-136	\$55.00
102.	Sieve Analysis – Fine, Caltrans 202, ASTM C-136	\$60.00
103.	Finer than #200, ASTM C-117	\$55.00
104.	Particle Size Analysis, ASTM D-422***	\$90.00
105.	Cleanness Value, Caltrans 227	\$75.00
106.	Sample Preparation	\$35.00
107.	USDA Textural Suitability Analysis (per point)***	\$50.00
108.	Bulk Density, Leachfield System Suitability.....	\$35.00
109.	Atterberg Limits, LL-PL-PI, ASTM 4318***	\$110.00
110.	Sand Equivalent, Caltrans 217, ASTM D-2419.....	\$70.00
111.	Specific Gravity – Coarse, Caltrans 206, ASTM C-127	\$70.00
112.	Specific Gravity – Fine, Caltrans 207, ASTM C-128	\$80.00
113.	Maximum Density of Soils, Caltrans 216, ASTM D-698 or D-1557	\$155.00
114.	Maximum Density of Soils with Rock Correction, ASTM D-4718	\$180.00
301.	Nuclear Density Gauge (hourly), Caltrans 231, ASTM D6938 **	\$15.00
302.	Nuclear Density Gauge (daily), Caltrans 231, ASTM D6938 **	\$85.00
116.	Organic Impurities, ASTM C-40	\$75.00
117.	Moisture Content of Soils In Place, ASTM D-2216	\$15.00
118.	Density of Soils In Place, ASTM 2937	\$30.00
119.	Percent Crushed Particles, Caltrans 205, ASTM D-5821	\$100.00
120.	Durability Index – Coarse, Caltrans 229, ASTM D-3744	\$75.00
121.	Durability Index – Fine, Caltrans 229, ASTM D-3744.....	\$75.00
122.	RH Meter.....	\$65.00
123.	Unconfined Compressive Strength.....	\$80.00
125.	Consolidation, 3" dia., ASTM D-2435***.....	\$280.00
127.	Direct Shear, ASTM D-3080 (3 points).....	\$275.00
128.	Direct Shear, ASTM D-3080 (per additional point).....	\$55.00
129.	Sample Preparation	\$35.00
130.	Expansion Index, ASTM D-4829***	\$150.00
131.	Pocket Penetrometer.....	\$10.00
135.	Unit Weight, ASTM C-29	\$70.00

For other testing not listed, please inquire.

B. CONCRETE AND FIELD TESTING

150.	Concrete/Grout Compressive Strength (curing, testing & disposal), Caltrans 521, ASTM C-39	\$25.00
151.	Concrete Compressive Strength, Caltrans 521, ASTM C-39	\$20.00
152.	Specimen Processing and Curing, ASTM C-31	(each) \$8.00
153.	Disposable Concrete Molds	(each) \$3.00
154.	Concrete Mix Design, Preparation, Review, and Adjustment	\$200.00
156.	Percent Entrained Air (Method ASTM C-231 or C-173)**	\$20.00
157.	Shrinkage Test, ASTM C-157 (3 bars)	(per test) \$250.00
158.	Concrete Rebound Test, ASTM C-805**	(per day) \$25.00
159.	Coring; Concrete, CMUs and AC, 4-inch core **	\$3.00 per inch length
161.	Coring; Concrete, CMUS and AC, 6-inch core **	\$3.00 per inch length
163.	Splitting Tensile Strength, ASTM C-496	(per test) \$90.00
164.	Voltage Meter	\$35/day

LACO

C. SPECIAL EQUIPMENT

258.	Coating Thickness Gauge.....	(per Day) \$25.00
246.	Skidmore **.....	(per day) \$60.00
333.	Load Cell **.....	(per hour) \$15.00
334.	Torque Wrench **.....	(per hour) \$10.00
320.	Photoionization Hydrocarbon Vapor Detector *.....	(per day) \$100.00
450.	Field Lab Analysis (Hanby)	(per test) \$25.00
332.	Turbidity Meter *.....	(per day) \$40.00
352.	Dissolved Oxygen Meter *.....	(per day) \$40.00
245.	pH/T/K Meter *.....	(per day) \$40.00
247.	Water Level Meter	(per day) \$25.00
321.	Bladder Pump/2" Submersible Pump *.....	(per day) \$45.00
224.	Cam/Portable Pump (12-volt)	(per well) \$5.00
336.	Pressure Washer *.....	(per day) \$45.00
323.	Steam Cleaner *.....	(per day) \$75.00
456.	Rotary Hammer Boring System.....	(per boring) \$25.00
452.	Hydro Punch.....	(per sample) \$30.00
454.	Continuous Core Sampler.....	(per foot) \$5.00
249.	Generator *.....	(per day) \$40.00
244.	4-Channel Datalogger *.....	(per day) \$115.00
354.	Hand Auger *.....	(per day) \$25.00
22.	Traffic Control Cones (25) *.....	(per day) \$8.00
31.	Barricade *.....	(per day) \$5.00
23.	Passive Skimmer (1 liter).....	(per week) \$15.00
24.	Electric Skimmer.....	(per week) \$125.00
326.	Submersible Pump *.....	(per day) \$45.00
322.	Centrifugal Pump *.....	(per day) \$100.00
252.	Confined Space Multi-Gas Meter (LEL, Oxygen, PID, Hydrogen Sulfate, CO).....	(per day) \$90.00
661.	Calcium Chloride Kits.....	(each) \$25.00

- * Minimum charge of 1/2-day on all equipment billed on daily basis
- ** Plus Technician Rate
- *** Sample preparation not included

PROJECT NO. 940
 PROJECT NAME Gravenstein Elementary School Phase 2
 BIDS DUE 10:30 AM, Monday May 16th

At AXIA Architects, 250 D. Street, Suite 210, Santa Rosa, CA 95404

a r c h i t e c t s

BID RESULTS

CONTRACTOR	ADDENDA	ATTACHMENTS	BID PROPOSALS	
			BASE	ADDITIVE ALTERNATE
Murray Building 10:24	<input checked="" type="checkbox"/> NO. 1 <input checked="" type="checkbox"/> NO. 2 <input checked="" type="checkbox"/> NO. 3 <input checked="" type="checkbox"/> NO. 4 <input checked="" type="checkbox"/> NO. 5 <input checked="" type="checkbox"/> NO. 6 <input checked="" type="checkbox"/> NO. 7	<input checked="" type="checkbox"/> SUB LIST <input checked="" type="checkbox"/> BID BOND <input checked="" type="checkbox"/> BIDDERS Q <input checked="" type="checkbox"/> NON-COLLUSION	TOTAL \$ 3,255,000	
Helmer & Sons. 10:24	<input checked="" type="checkbox"/> NO. 1 <input checked="" type="checkbox"/> NO. 2 <input checked="" type="checkbox"/> NO. 3 <input checked="" type="checkbox"/> NO. 4 <input checked="" type="checkbox"/> NO. 5 <input checked="" type="checkbox"/> NO. 6 <input checked="" type="checkbox"/> NO. 7	<input checked="" type="checkbox"/> SUB LIST <input checked="" type="checkbox"/> BID BOND <input checked="" type="checkbox"/> BIDDERS Q <input checked="" type="checkbox"/> NON-COLLUSION	TOTAL \$ 3,525,000	
Ridgeview Builders 10:28	<input checked="" type="checkbox"/> NO. 1 <input checked="" type="checkbox"/> NO. 2 <input checked="" type="checkbox"/> NO. 3 <input checked="" type="checkbox"/> NO. 4 <input checked="" type="checkbox"/> NO. 5 <input checked="" type="checkbox"/> NO. 6 <input checked="" type="checkbox"/> NO. 7	<input checked="" type="checkbox"/> SUB LIST <input checked="" type="checkbox"/> BID BOND <input checked="" type="checkbox"/> BIDDERS Q <input checked="" type="checkbox"/> NON-COLLUSION	TOTAL \$ 3,430,000	