



January 26, 2018

Mr. Michael Otavka
Director of Facilities, Planning, and Construction
William S. Hart Union High School District
21380 Centre Pointe Parkway
Santa Clarita, CA 91350

Re: Reverberation Study
Placerita Junior High School Modular Container Classroom Addition
Project 1610700.06

Dear Michael,

We are pleased to provide you with a proposal for the Reverberation Study of the new Modular Container Classrooms at Placerita Junior High School. We understand that the District's faculty has found these rooms to be excessively reverberant, making it difficult to teach. We also understand that there is a report by Armstrong World Industries (provided by the District) that includes a preliminary assessment of the reverberation time in the classrooms. The assessment report provides recommendations of their products to address the issue of excessive reverberation.

Our project team will use the Armstrong World Industries assessment in addition to providing our own reverberation study of the classrooms. We will be teaming up with McKay Conant Hoover Inc., acoustics and media systems consultant. Below is a summary of our proposed scope of work that our team will be providing.

1. Review of available drawings, salient manufacturer literature, and the aforementioned "Armstrong" report.
2. One visit to the site for measurements and observations of the classrooms. We propose to test up to six classrooms, with the presumption that all classrooms are furnished similarly and have similar room finishes (Forbo flooring, gypsum wall board, and corrugated metal deck). We expect these several classrooms to be quiet and unoccupied, and we expect accompaniment by appropriate persons for quick and unencumbered access to the space, and to turn the HVAC system off, if need be. We may be on site for a half-day, mid-day during the week. Note that our reverberation time measurements will include short bursts of loud noise. Our measurements will focus only on reverberation time, and will not address HVAC noise or aspects of sound isolation.
3. Office studies, evaluation of the measured data, and calculations for appropriate amounts of sound-absorptive treatments.

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4. A short report, including recommendations for sound-absorptive treatment, with general types and approximate locations informed by our on-site observations and past experience with similar projects.
5. One the follow-up teleconference of up to ½ hour to discuss the report and recommendations.
6. Once the District provides direction of the sound-absorptive treatment of choice, we will provide plan layouts to show scope that a contractor can bid from.

Refer to schedule and fees below as well as the fee rates in Attachment "A":

1. Schedule to complete work: February 1, 2018 through March 2, 2018.
2. Fee shall be a lump sum and include an amount estimated for reimbursable expenses. The fee is to be as follows:

Architectural/Engineering Services	\$7,965.00
Reimbursable Expenses	1,000.00
<hr/> Total Fee	<hr/> \$8,965.00

Please let me know if you have any questions or concerns regarding our proposal.

We appreciate the opportunity to provide you with this proposal and look forward to working with you.

Sincerely,



KARLA ALONZO DE LEON
Senior Project Manager

KAD:gs/P0161070010-ltr

Attachments: "A"

EXHIBIT A

ADDITIONAL SERVICES

1. Additional services can be provided at the following hourly rates. Prior to commencement of additional services, an estimated amount will be provided for approval.

ARCHITECT RATES

Principals of Firm	\$220.00/hr
Associate/Director/Coordinator	\$195.00/hr
Senior Project Architect/Manager.....	\$175.00/hr
Project Architect/Manager.....	\$150.00/hr
Design Studio.....	\$100.00/hr
Clerical.....	\$ 80.00/hr

ENGINEERING RATES

Principal.....	\$212.00/hr
Project Manager.....	\$192.00/hr
Project/Senior Engineer.....	\$176.00/hr
Engineer.....	\$148.00/hr
Designer.....	\$134.00/hr
CADD Operator.....	\$ 96.00/hr
Construction Administrator.....	\$148.00/hr
Word Processor/Clerical.....	\$ 75.00/hr

2. Reimbursable Expenses:
 - a. All reproduction costs will be billed to the Client at cost without markup.
 - b. Travel costs, computer expenses, and telephone costs will not be charged except for out-of-the-region expenses as approved in advance.
 - c. Agency review and approval fees are not included in the estimated reimbursable expense amount. These costs are to be paid by the Client and if the Architect forwards these amounts, the cost will be billed to the Client as an additional expense beyond the reimbursable fee amount stated.