

August 7, 2017  
Project No. 209675001

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

Subject: Fee Amendment #2  
Geotechnical, Materials Testing and Specialty Inspection Services  
Saugus High School – New Auditorium Building  
Wm. S. Hart UHSD Purchase Order No. 53745  
Santa Clarita, California

Reference: William S. Hart Union High School District, 2016, Purchase Order No. 53745,  
Saugus HS Auditorium Project #: 2240701, dated May 16.

Dear Mr. Otavka:

In accordance with the request and authorization of William S. Hart Union High School District, Ninyo & Moore is providing geotechnical, materials testing and special inspection services for the subject project, as coordinated by the Project Inspector, Mr. Glen Lowe, and in accordance with the project Statement of Structural Tests and Specialty Inspections (form DSA-103). Our ongoing services have consisted of field and laboratory inspection and testing of soil, concrete, masonry, reinforcing steel, and structural steel.

Due to additional inspection services beyond our first amendment to referenced agreement and our understanding of impending tests and inspections, we will exceed our current approved budget of \$392,944.

We understand that structural steel welding, concrete placement, masonry construction, subgrade preparation, and proof load of hangers, ceilings, and MEP trades will continue. Based on my understanding of the contractor's performance, it is a challenge to estimate the completion date of our field services accurately. However, for the purpose of our change order, we have assumed that our field inspection and testing services will be complete by the end of December 2017 and our change order amount is estimated based on our current monthly burn rate. We have prepared a change order of \$148,016 (one hundred forty-eight thousand and sixteen dollars). Our current

budget is \$392,944. This will make the total agreement amount equal to \$540,960. We have attached a detailed breakdown of the additional fees.

We appreciate the opportunity to be of continued service on this project.

Respectfully Submitted,  
**NINYO & MOORE**



Rajindra S. Handapangoda, PE, GE  
Senior Engineer



Alfredo "Tino" Rodriguez  
Principal, Construction Services

RAH/AR/gkj

Attachment: Table 1 – Breakdown of Estimated Amendment Fee

Distribution: (1) Addressee (via e-mail)  
(1) Mr. Bryan Aylor (via e-mail)

**Table 1 – Breakdown of Estimated Amendment Fee****Project Coordination, Management and Technical Support**

Senior Project Engineer	86 hours	@	\$ 160.00 /hour	\$ 13,760.00
<b>Subtotal</b>				<b>\$ 13,760.00</b>

**Field Services**

Trench and Structure Backfill	16 hours	@	\$ 87.00 /hour	\$ 1,392.00
Subgrade and Agg Base Preparation	40 hours	@	\$ 87.00 /hour	\$ 3,480.00
Concrete and Grout Sampling and Testing	60 hours	@	\$ 87.00 /hour	\$ 5,220.00
Concrete and Grout Batch Plant Inspection	60 hours	@	\$ 87.00 /hour	\$ 5,220.00
Welding and Bolting Inspection - Field and Shop	960 hours	@	\$ 87.00 /hour	\$ 83,520.00
Specialty Masonry Inspector	32 hours	@	\$ 87.00 /hour	\$ 2,784.00
Non Destructive Examination of Welds	40 hours	@	\$ 95.00 /hour	\$ 3,800.00
Anchor Bolt Load & Torque Testing	48 hours	@	\$ 97.00 /hour	\$ 4,656.00
Sample Pick-ups	20 hours	@	\$ 87.00 /hour	\$ 1,740.00
Vehicle and Equipment Usage	1276 hours	@	\$ 12.00 /hour	\$ 15,312.00
<b>Subtotal</b>				<b>\$ 127,124.00</b>

**Laboratory Analyses**

Reinforcing Steel (Bend and Tensile)	10 tests	@	\$ 55.00 /test	\$ 550.00
Compressive Strength (Concrete)	60 tests	@	\$ 25.00 /test	\$ 1,500.00
Compressive Strength (Mortar and Grout)	60 tests	@	\$ 35.00 /test	\$ 2,100.00
Masonry Cores (Shear and Compression)	4 tests	@	\$ 60.00 /test	\$ 240.00
Masonry Veneer Bond Strength	2 tests	@	\$ 135.00 /test	\$ 270.00
High Strength Bolts (Conformance Package)	4 tests	@	\$ 130.00 /test	\$ 520.00
<b>Subtotal</b>				<b>\$ 5,180.00</b>

**Report Preparation for the DSA-291, DSA-293**

Principal Engineer	4 hours	@	\$ 168.00 /hour	\$ 672.00
Senior Project Engineer	8 hours	@	\$ 160.00 /hour	\$ 1,280.00
<b>Subtotal</b>				<b>\$ 1,952.00</b>

<b>TOTAL ESTIMATED AMENDMENT FEE</b>					<b>\$ 148,016.00</b>
--------------------------------------	--	--	--	--	----------------------