



July 7, 2023

Ms. Mary Morris-Mayorga  
General Manager  
**Kensington Fire Protection District**  
217 Arlington Avenue  
Kensington CA 94707

Project Number: 1220810T

**Subject:** Proposal for Special Inspection & Testing Services - **Amendment #1**  
Kensington Fire Station, 217 Arlington Avenue, Kensington

Dear Mary:

As requested, we are pleased to submit this proposal for providing special inspection and testing services for the subject project. The following items are included:

- Fees:
- A. Hourly and Unit Costs & Basis of Charges.
  - B. Budget Estimate.

The fee proposal is based on information provided by the contractor and past experience with similar projects.

Please call if you have questions. We look forward to the opportunity of working with the Team.

Sincerely,

**APPLIED MATERIALS & ENGINEERING, INC.**

Mohammed Faiyaz  
Senior Project Manager



**KENSINGTON FIRE STATION**  
**217 ARLINGTON AVE., KENSINGTON**  
**SPECIAL INSPECTION & TESTING FEES**

**A. HOURLY AND UNIT COSTS & BASIS OF CHARGES:**

The estimated fees are based on the following State and Federally mandated prevailing hourly inspection rates and unit tests costs. Rates will be adjusted in accordance with DIR prevailing wage adjustments.

<b><u>INSPECTION RATES</u></b>	<b><u>Per Hour</u></b>
1 Reinforced Concrete	\$108.00
2 Structural Steel	\$108.00
3 Wood Framing	\$108.00
4 Anchor Installation	\$108.00
5 Compaction Testing	\$115.00

<b><u>UNIT TEST COSTS</u></b>	<b><u>Per Set</u></b>
1 Concrete Compression, per set of 5 (includes pick-up)	\$300.00

<b><u>OTHER COSTS</u></b>	
1 Project Management, per hour	\$185.00
2 Final Affidavit, each	\$400.00

<b><u>BASIS OF CHARGES</u></b>	
<b>Minimum charge per call-out, show-up:</b>	4 Hours
<b>Work from 4-8 hours:</b>	Actual Time
<b>Travel to shop or job site:</b>	Portal-to-Portal
<b>Mileage to shop or jos site:</b>	\$0.60
<b>Parking:</b>	To be provided
Work over 8 and up to 12 hours per day, or on Saturday, per hour	Time & One Half
Work over 12 hours per day, or on Sundays and Holidays, per hour	Double Time
Night Differential, per hour	\$30.00 per hour



**KENSINGTON FIRE STATION**  
**217 ARLINGTON AVE., KENSINGTON**  
**SPECIAL INSPECTION & TESTING FEES**

**B. DETAILED FEES BY DISCIPLINE:**

For each of the disciplines requiring our services, we have provided the basis used by us for determining the fees. The following is a summary of our testing and inspection fees, followed by a detailed breakdown:

**SUMMARY OF FEES**

<b>1 Reinforced Concrete</b>	<b>\$ 16,806.00</b>
<b>2 Structural Steel Welding &amp; Bolting</b>	<b>6,762.00</b>
<b>3 Post-Installed Anchors</b>	<b>432.00</b>
<b>4 Nailing &amp; Framing</b>	<b>2,592.00</b>
<b>5 Compaction Testing</b>	<b>1,840.00</b>
<b>6 Mileage</b>	<b>450.00</b>
<b>7 Project Management</b>	<b>1,850.00</b>
<b>8 Final Affidavit</b>	<b>400.00</b>
<b>9 Contingency, 10%</b>	<b>2,352.00</b>
<b>TOTAL</b>	<b>\$ 33,484.00</b>

**BASIS FOR FEES**

**1 Reinforced Concrete**

Basis: The following table summarizes the scope of cast in place concrete. Concrete quantities and the number of placements were provided to us.

Per code, a set of 5 cylinders will be sampled every 150 cu yds.

Mix designs to be reviewed by the Engineer.

Structural Member	Cu. Yds.	No. of Placements	Sets of Cylinders	INSPECTION HOURS	
				Rebar	Concrete
<b>Foundation, S201</b>					
Piers & Others	11	11	11	20	44
<b>Total</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>20</b>	<b>44</b>

a) Rebar Inspection:	20 hours @	\$108.00 per hour	\$ 2,160.00
b) Concrete Placement Inspection:	44 hours @	\$108.00 per hour	4,752.00
c) Concrete Compression:	11 sets @	\$300.00 per set	3,300.00
d) Batch Plant Inspections:	22 hours @	\$108.00 per hour	2,376.00
e) Rebar Sampling & Tagging:	12 hours @	\$108.00 per hour	1,296.00
f) Rebar Tensile & Bend Tests:	6 sets @	\$350.00 per set of 2	2,100.00
g) High Strength Grout:	4 hours @	\$108.00 per hour	432.00
h) HSG Compression:	1 set @	\$390.00 per set	390.00

**Sub-Total**                    \$ 16,806.00

**2 Structural Steel Welding & Bolting**

Basis The structural steel will be fabricated at Ahlborn in Santa Rosa. The shop and field welding durations provided to us is shown below. Inspection hours are based on providing periodic inspections for single pass fillet welds and continuous inspections for all other welds.

	Inspection hours		
Shop, 1 day	8		
Field, 3 days	24		
a) Shop Welding Inspections:	8 hours @	\$108.00 per hour	\$ 864.00
b) Field Welding Inspections:	24 hours @	\$108.00 per hour	2,592.00
c) High Strength Bolt Testing:	4 @	\$750.00 per set of 3	\$ 3,000.00
d) Travel to Shop:	1 trips @	\$216.00 per trip	216.00
e) Mileage to Shop:	1 trips @	\$90.00 per trip	90.00
		<b>Sub-Total</b>	<b>\$ 6,762.00</b>

**3 Post-Installed Anchors**

Basis: As requested, we are budgeting one half day to inspect anchor installation.

a) Anchor Installations:	4 hours @	\$108.00 per hour	\$ 432.00
		<b>Sub-Total</b>	<b>\$ 432.00</b>

**4 Nailing & Framing**

Basis: As requested, we are budgeting 6 half days to inspect nailing and framing.

a) Nailing Inspections:	24 hours @	\$108.00 per hour	\$ 2,592.00
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**5 Compaction Testing**

Basis: As requested, we are budgeting 4 half days for compaction testing.

a) Compaction Testing- Soil	16 hours @	\$115.00 per hour	\$ 1,840.00
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**6 Mileage**

30 trips @	\$15.00 per trip	\$ 450.00
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**7 Project Management**

10 hours @	\$185.00 per hour	\$ 1,850.00
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**8 Final Affidavit**

\$ 400.00
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**9 Contingency, 10%**

\$ 2,352.00
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**TOTAL**                    \$ 33,484.00

The above fees are not-to-exceed for the construction schedule provided to us. Based on our experience on similar projects in the past, the total costs can sometimes exceed the estimate due to changes in the construction schedule.

We will try to keep you informed of changes that have an adverse impact on inspection fees. **Efficiencies resulting in a reduced scope of work will result in credit back to you.**

**INDEMNIFICATION**

In addition, and notwithstanding any other provisions of this Agreement, the Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless AME, its officers, directors, employees and sub-consultants (collectively, Consultant) against all damages, liabilities of costs including reasonable attorney's fees and defense costs, arising out of or in any way connected with this Project, except only those damages, liabilities or costs attributable to the negligent acts or negligent failure to act by the Consultant.

We will issue monthly invoices which are due upon receipt. Any additional services will be approved in writing by both parties. Either party may terminate this contract with three days prior written notice to the other party. If you approve of our proposal and would like us to proceed, please sign and return the enclosed copy. We appreciate the opportunity to submit this proposal and look forward to working with you.

Sincerely,

**APPLIED MATERIALS & ENGINEERING, INC.**



Mohammed Faiyaz  
Senior Project Manager

**ACCEPTANCE**

I have read the proposal set forth in the terms above and accept the proposal with the understanding that it includes those terms.

Mary A. Morris-Mayorga / 	Interim General Manager	7/11/2023
Name/Signature	Title	Date