

City of San Pablo
Construction Management Services for
San Pablo Avenue Complete Streets Project
City Project No. SPA-CST; Federal Project No. CML-5303(016)
EXHIBIT 10-H (Example 1)



Consultant Park Engineering, Inc.

Contract No. CML-5303(016)

Date July 19, 2017

DIRECT LABOR

Classification	Name	Range	Hours	Actual Hourly Rate	Total
Resident Engineer	<u>Jaemin Park, P.E.</u>	<u>NA</u>	<u>1520 @</u>	<u>\$76.38</u>	<u>\$ 116,097.60</u>
Sr. Construction Inspector	<u>Chris Kinser</u>	<u>NA</u>	<u>1720 @</u>	<u>\$56.65</u>	<u>\$97,438.00</u>
Construction Inspector	<u>Danielle White</u>	<u>NA</u>	<u>400 @</u>	<u>\$54.54</u>	<u>\$21,816.00</u>
Sr. Construction Inspector (O.T.)	<u>Chris Kinser</u>	<u>NA</u>	<u>100 @</u>	<u>\$84.98</u>	<u>\$8,498.00</u>

Subtotal Direct Labor Costs	<u>\$ 243,849.60</u>
Anticipated Salary Increases	<u>\$ 0.00</u>
Total Direct Labor Costs	<u>\$ 243,849.60</u>

Fringe Benefits	Rate	Total
	<u>35.14%</u>	<u>\$ 85,688.75</u>
Total Fringe Benefits		<u>\$ 85,688.75</u>

Indirect Costs		
Overhead	<u>42.06%</u>	<u>\$102,563.14</u>
General and Administrative	<u>33.86%</u>	<u>\$82,567.47</u>
Total Indirect Costs		<u>\$ 185,130.61</u>

FEE (Profit)	<u>7%</u>	<u>\$ 36,026.83</u>
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OTHER COSTS

Travel Costs	<u>\$ N/A</u>
Equipment and Supplies (Itemize)	<u>\$ Included</u>
Other Direct Costs: (Itemize)	

Total Other Costs	<u>\$0.00</u>
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Subcontractor Costs (See Fee Schedule)

Applied Materials & Engineering (AME) – Materials Testing	<u>\$ 60,000.00</u>
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TOTAL COST	<u>\$ 610,695.79</u>
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**APPLIED MATERIALS & ENGINEERING, INC.**

980 41st Street
Oakland, CA 94608

Tel: (510) 420-8190
FAX: (510) 420-8186
e-mail: info@appmateng.com

FEE SCHEDULE**Service or Test****Unit Rate****FIELD SAMPLING, TESTING & INSPECTION**

Concrete Sampling, Testing, Placement or Batch Plant Inspection	\$ 98 hr
Mortar or Grout Sampling, Placement or Batch Plant Inspection	\$ 98 hr
Shotcrete Placement or Batch Plant Inspection	\$ 98 hr
Soil Sampling or Compaction Inspection	\$ 98 hr
Asphalt Concrete Testing, Placement or Batch Plant Inspection	\$ 98 hr
Asphalt Concrete Coring- 2 men crew	\$ 170 hr

**LABORATORY TESTING
CONCRETE**

Concrete Compression Tests	\$ 65 each
Shrinkage Test	\$ 250 each
Shotcrete Compression Tests	\$ 55 each
Shotcrete Panel Coring at our Laboratory- 4 cores	\$ 55 each
Grout Compression Test- 4"x4"x8" prism specimens	\$ 45 each
Mortar Compression Test- 2"x4" cylinder specimens	\$ 45 each
CMU Masonry Prism	\$ 250 each
Hold Specimens	Free

SOIL

Compaction Curve or California Impact	\$ 350 each
Sieve Analysis	\$ 240 each
Rock Correction	\$ 150 each
Soil Classification	\$ 390 each
R-Value	\$ 400 each
Atterberg Limits	\$ 275 each
Sand Equivalent	\$ 130 each

AGGREGATE

Sieve Analysis	\$ 240 each
Durability Index	\$ 255 each
Cleanness Value	\$ 215 each
Moisture Content	\$ 55 each
Crushed Particle	\$ 195 each
LA Rattler	\$ 850 each
Percent of Crushed Particles	\$ 250 each
Flat & Elongated Particles	\$ 250 each

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FEE SCHEDULE

(continued)

Service or Test**Unit Rate****ASPHALT CONCRETE**

Stabilometer Value, field sample	\$ 450 each
Theoretical Maximum Density	\$ 215 each
Bitumen Content	\$ 220 each
Oven Calibration – One Mix	\$ 350 each
Sieve Analysis on Extracted Sampled	\$ 250 each
Air Voids	\$ 65 each
Maximum Density	\$ 490 each
Bulk Specific Gravity	\$ 95 each
Moisture Content	\$ 65 each
Hamburg Wheel Tracker	\$ 1500 each
Superpave Gyratory Compaction	\$ 250 each
Tensile Strength Ratio	\$ 1200 each
AR Binder Viscosity	\$ 250 each

OTHER

Travel Time	Portal-to-Portal
Pickup	\$25 per trip
Minimum Charge per Call-out	4 hours
Final Report- 2 copies	\$ 350 each
Mileage	\$ 0.55 mile
Project Management	\$ 175 hr
Work over 8 hours per day, or on Saturday, per hour	Time & One Half
Work on Sundays & Holidays, per hour	Double Time
Night Work, per hour	Regular Time + 15%

NOTES

All of the field & laboratory testing in above schedule to be performed by Caltrans certified materials testers and per Caltrans QAP.

AME Caltrans certified laboratory ID #79