



Lake Street Alternative Study Report

Task 1 - Project Management/Project Study Report

1.1 - Coordination/Administration

This task covers project management services including the requirements for document control, invoices, schedule, agency meetings, and administration of CONSULTANT's work for a 5-month period.

1.2 - Develop Alternative Study Report

CONSULTANT will develop one (1) horizontal geometric layout for Lake Street widening from Mountain Street to Alberhill Ranch Road and three (4) vertical profile alternatives

- 1) Geometric design (horizontal and typical sections)
- 2) Profiles (4 alternatives)
 - a. Maintain existing grade
 - b. Fill in existing sag
 - c. Split southbound profile
 - d. KWC (fill sag and cut crest vertical curves)
- 3) Striping and signing
- 4) Preliminary grading
- 5) Preliminary electrical concepts
- 6) Conceptual construction cost estimate

CONSULTANT shall prepare an Alternative Study Report that summaries the design and findings of the above task. The report shall include:

- 1) Introduction
- 2) Purpose and Need
- 3) Alternatives
- 4) Cost Estimate

Deliverables:

- Design Exhibits
- Engineering Study Report

Assumptions:

- A six-lane urban arterial highway will be the basis of the roadway typical section
- Caltrans Highway Design Manual standards will be used for geometric design
- Topographic and preliminary utility locations will utilize current KWC files provided by the City. No additional survey for utility investigation is required.

Cost & Price Form

<u>NAME OF CONSULTANT</u>				<u>TITLE OF PROJECT</u>					
Name of Firm: HDR Engineering, Inc.				Lake Street Alternative Study Report					
1. DIRECT LABOR	2025			2026			2027		
	HOURS	RATE	COST	HOURS	RATE	COST	HOURS	RATE	COST
Rebecca Shum	95.00	\$84.83	\$8,058.85						
Miguel Gonzalez	150.00	\$47.56	\$7,134.00						
Hannah Habolan	450.00	\$54.59	\$24,565.50						
Machiko Yoshioka	20.00	\$56.03	\$1,120.60						
Sam Long	300.00	\$38.47	\$11,541.00						
TOTAL	1015.00		\$52,419.95	0.00		\$0.00	0.00		\$0
								TOTAL COST	
								\$52,419.95	
								TOTAL DIRECT LABOR (Hours)	
								1,015.00	
2. INDIRECT COSTS (overhead, G&A - specify)									
	INDIRECT RATE (%)			X BASE =			COST		
Fringe	157.94%			\$52,420			\$82,792		
G&A				\$52,420			\$0		
								TOTAL INDIRECT	
								\$82,792.07	
3. TOTAL DIRECT COST AND INDIRECT COSTS (sum of lines 1-2)									
								\$135,212.02	
4. FIXED FEE OR PROFIT		PERCENT		X BASE =		FEE (\$)			
(specify, applies to line 3 only)		10.00%		\$135,212		\$13,521			
				\$135,212		\$0			
								TOTAL FEE	
								\$13,521.20	
5. OTHER DIRECT COSTS (specify)									
								TOTAL OTHER DIRECT	
								\$0.00	
6. TOTAL PROPOSED PRICE (sum of lines 3, 4 and 5)									
								\$148,733.22	
<u>DATE</u>			<u>SIGNATURE AND TITLE OF AUTHORIZED REPRESENTATIVE OF CONSULTANT</u>						
4/11/2025									

PRICE SUMMARY SHEET SCHEDULE OF FEES					
SCHEDULE I - HOURLY RATE SCHEDULE					
Key Personnel - HDR Engineering, Inc.					
Name	Classification	Job Function	Hourly Billing Rate For NTP 2025 to 12/31/2025	Hourly Billing Rate For 1/1/2026 to 12/31/2026	Hourly Billing Rate For 1/1/2027 to 12/31/2027
Rebecca Shum	Project Manager	Role	\$240.69	\$252.73	\$265.36
Miguel Gonzalez	Roadway Engineer	Role	\$134.94	\$141.69	\$148.78
Hannah Habolan	Roadway Lead	Role	\$154.89	\$162.63	\$170.77
Machiko Yoshioka	Sr. Project Administrator	Role	\$158.98	\$166.92	\$175.27
Sam Long	Roadway EIT	Role	\$109.15	\$114.61	\$120.34

Note:
1) All rates are "fully loaded", i.e., including all overhead costs, general, administrative and profit.
2) These rates were calculated using the named personnel's actual salary as of November 3, 2023 and includes the following to develop fully burdened rates:

157.94% Overhead Rate: 157.94
10% Profit:
5.0% Annual Escalation Rate:

HDR

TASK	DESCRIPTION	FIRM	Rebecca Shum	Miguel Gonzalez	Hannah Habolar	Machiko Yoshioka	Sam Long	TOTAL HOURS	Cost
Hourly Billing Rate For NTP 2025 to 12/31/2025			\$240.69	\$134.94	\$154.89	\$158.98	\$109.15		
Task 1 - Project Management/Project Study Report									
1.1	Coordination/Administration	HDR	55	0	0	20	0	75	\$ 16,417.56
1.1	Meetings	HDR	20					20	\$ 4,813.83
1.1	Schedules	HDR	5					5	\$ 1,203.46
1.1	Project Communications Plan/Risk Management Plan	HDR	5					5	\$ 1,203.46
1.1	Monthly Progress Reports/Invoices	HDR	20			20		40	\$ 7,993.35
1.1	Quality Management Plan, QA&QC	HDR	5					5	\$ 1,203.46
1.3	Develop Project Study Report	HDR	40	150	450		300	940	\$ 132,315.66
Total			95	150	450	20	300	1,015	\$ 148,733.22