



CIVIL ENGINEERING
LAND SURVEYING
FUNDING PROCUREMENT
CONSTRUCTION ADMINISTRATION
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Main Office
1110 Civic Center Blvd.,
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Yuba City, CA 95993
(530) 751-0952

November 26th, 2021

City of Clearlake
14050 Olympic Drive
Clearlake, CA 95422

Attention: Dale Goodman, Public Works Director and Alan Flora, City Manger

Subject: 21-1019 Clearlake 18th Avenue Street Improvement Project

Dear Dale and Alan:

We are pleased to submit this proposal for Engineering and Surveying Services to the City of Clearlake for the 18th Street Roadway Improvement Project.

We have prepared our proposal with the background knowledge and understanding of the project having assisted the City some of the initial planning and site layouts. This project is the first phase of the overall Airport Improvement project and will allow initial development of a hotel and possible other businesses to begin.

Please see below for the scope of work:

1. Topographic surveying and mapping
2. Geotechnical Investigation
3. 100% Civil Engineered Plan Set
4. Contract Documents- Front End and Technical Specifications
5. Bid Support
6. Construction Administration – Note: we have assumed daily inspection to be done by Adeline at this time.
7. Dry Utilities Coordination and management. The City will contract separately for dry utilities design, however we will be involved in the coordination and management efforts to incorporate this construction work with the rest of the roadway work.

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510 W Wood St.
Willows, CA 95988
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8. Coordination with Cal Trans – We have assumed some limited coordination with Cal Trans so that our design, as much as possible, will match the overall SR 53 Corridor Plan, however we do not contemplate getting any type of encroachment permits or other permits through Cal Trans in order to construct these improvements.

I have prepared the attached budget estimate for your consideration.

Kind Regards,



David L. Swartz, PE, PLS, QSD, QSP
Chief Executive Officer



**CALIFORNIA
ENGINEERING
COMPANY INC**
ESTD 1996

Task Number	Work Scope Task-Budget Work Sheet	
	18th Avenue Street Design	BUDGET
	2021 City of Clearlake Rates	
65% Plans		
1	Surveying Research/Mapping/Control Setup and Survey Calculations	\$3,267.05
2	Setup Control for Surveying Office Calculations	\$2,099.28
3	Field Surveing - Establish Control for Project	\$1,462.22
4	Field Surveying - Topographic and Boundary	\$4,386.66
5	Geotechnical Investigation- Subconsultant	\$7,971.88
6	Drainage Study	\$6,351.14
7	Planimetrics Roadway Design and Tie-in to Old Hwy 53 & SR 53	\$6,351.14
8	Underground Utilities (wet) Design and Coordination of Dry Utilites Design Consultant	\$5,438.30
9	Base mapping for project from survey data- incl. boundary and ROW	\$5,848.88
10	Environmental Assessment- NIC	\$0.00
11	Phase I Engineers Cost Estimate	\$2,372.04
12	QA/QC	\$5,160.60
Subtotal Dollars		\$50,709.19
90% Plans		
1	Civil Engineering Plans 90%	\$7,036.56
2	Drainage Design Improvements	\$4,314.60
3	Contract Documents (Front End/ Technical)	\$3,518.28
4	Engineers Estimate Cost 65%	\$2,555.46
5	Coordination of Connections on Old 53 and SR 53 and Dry Utilities	\$4,073.08
6	QA/QC	\$5,257.70
Subtotal Dollars		\$26,755.68
100% Plans		
1	Civil Engineering Plans 100%	\$1,759.14
2	Drainage Design Improvements	\$988.88
3	Contract Documents (Front End/ Technical)	\$879.57
4	Engineers Estimate Cost 100%	\$829.62
5	QA/QC	\$858.98
Subtotal Dollars		\$5,316.19
Construction Administration - Incl weekly site visits and weekly meetings		
1	Bidding Project - RFI's/ Prebid Meeting/Addendums/Bid Opening/Analysis	\$3,397.52
2	Construction Administration - Incl weekly site visits and weekly meetings	\$5,998.72
3	Construction Observation - daily BY CITY STAFF	\$0.00
4	Contractor RFI's/clairifications/CCO's	\$3,397.52
5	Final Inspection/Punchlist	\$2,569.75
Subtotal Dollars		\$15,363.51
Totals Both Engineering and Some Construction Administration		\$98,144.57