



October 6, 2016

City of Chula Vista
276 Fourth Avenue
Chula Vista, CA 91910

Attention: Greg Tscherch

Subject: WILLOW STREET BRIDGE – ADDENDUM No. 3

Dear Greg:

At your request, we have prepared the following scope of work and fee proposal for additional services for the Willow Street Bridge project. This work addresses the need for additional funds for bid and construction phase services per the original contract Task 8.A.3 including addendum to the design.

This request is the result of additional design work due to the review comments by Caltrans Structures Local Assistance (SLA) and their various functional units and the constructability review by the Construction Manager hired by the City. The review and acceptance by Caltrans SLA is required in order to obtain their technical concurrence as part of the Highway Bridge Program funding for the project. The attached scope of work includes a detailed description of the additional services. A brief summary of the addendum for Kleinfelder (formerly Simon Wong Engineering) and our subconsultants is as follows:

Kleinfelder Design (formerly Simon Wong Engineering)

Additional time and effort is required to coordinate and manage the additional design work. Additional meetings are also required for the coordination of the added scope. The additional design requires revisions to the design plans, specifications, and cost estimates (PS&E) package, including supporting reports and design calculations, and includes:

- Revisions to the bridge plans, design calculations, quantities, cost estimates, special provisions, and type selection report to address the borderline lateral spreading potential at the bridge approaches, in addition to changes to the Bridge Memo to Designers reference documents. Coordination of the design documents with the revised geotechnical recommendations is also required. Detailed responses to the review comments by Caltrans SLA. Follow-up meetings and responses to SLA comments. Revisions to pile casing and tip elevation per SLA requests and the constructability review comments. Coordination with SDG&E and revisions to utility plans. Revisions to specifications for deck concrete and updated SSP's.

Geocon

Specific additional services included the following tasks:

- Performing additional calculations to address lateral spreading potential as requested by Caltrans SLA in the review comments and issuing an addendum to the Foundation Report with confirmation of previous recommendations and/or revised recommendations. Issue second amendment to the foundation report to address follow-up comments by SLA and the constructability review on pile casings and tip elevations.

Bid and Construction Services

In addition to the work described above, bid and construction phase services will be completed per the scope of work listed in the original contract Task 8.A.3. This will include budget for Kleinfelder and our key subconsultants to assure the project is completed in accordance with our design intent and to assist the City and construction management consultant in completing the construction phase of the project.

A detailed compilation of the changes in scope of work, based on our approved contract, is attached. The fee estimate for these items is also attached.

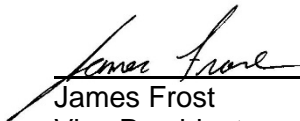
Our total Addendum No. 3 fee request is as follows:

Phase 3 – Bid and Construction Support	\$383,877.00
<u>Total Addendum No. 3</u>	<u>\$383,877.00</u>

Kleinfelder appreciates this opportunity to continue working with the City of Chula Vista on this bridge replacement project. Please call if you have any questions.

Sincerely,

KLEINFELDER, INC.



James Frost
Vice President

JF:nv
att.



TASK ANALYSIS
PRIME CONSULTANT - SIMON WONG ENGINEERING

POSITION		PRINCIPAL	SENIOR PROJECT MANAGER	SENIOR ENGINEER II	ASSOCIATE ENGINEER II	SENIOR TECHNICIAN	PROJECT ADMINISTRATOR	Direct Costs	TOTAL	Addendum No. 3
STAFF										
II - FINAL DESIGN										
2.1	Proj Management & Admin									\$ -
2.2	Project Meetings									\$ -
2.3	Final Foundation Report									\$ -
2.4	Bridge Design									\$ -
2.4.2	Bridge Architectural Details									\$ -
2.5	Bridge Removal / Phasing Plans									\$ -
2.6	Grading Plans									\$ -
2.7	Roadway Improvements									\$ -
2.8	Traffic Control (Detour) Plans									\$ -
2.9	Signing and Striping									\$ -
2.10	Utility Relocations									\$ -
2.11	Landscaping / Hardscaping and Irrigation Plans									\$ -
2.12	Erosion Control / BMP's									\$ -
2.13	Traffic Signaling									\$ -
2.14	Street Lighting									\$ -
2.15	Legal Desc / ROW Plats / Easement Docs.									\$ -
2.16	QA/QC Review (65%, 95% & 100%)									\$ -
2.17	Specifications									\$ -
2.18	65% PS&E Submittal									\$ -
2.19	Review and Respond to Comments									\$ -
2.20	Bridge Independent Check									\$ -
2.21	Quantities / Check / Estimate / Bid List									\$ -
2.22	95% PS&E Submittal									\$ -
2.23	Review and Respond to Comments									\$ -
2.24	100% PS&E Submittal									\$ -
2.25	Revisions to 100% PS&E (Catrans SLA)									\$ -
2.26	Revisions to RFA Con (Caltrans SLA)									\$ -
SUBTOTAL								\$ -		\$ -
DIRECT COSTS										\$ -
SUBTOTAL										\$ -
III - BIDDING AND CONSTRUCTION SUPPORT										
3.1	Proj Management & Admin		60				124		184	\$ 27,460
3.2	Project Meetings		180	340				\$3,000	520	\$ 88,861
3.3	Bid Support / Addenda / Analysis		54	300	62	30		\$14,000	446	\$ 64,165
3.4	Environmental Monitoring									\$ -
3.5	Construction Support / Observations									\$ -
3.5.1	Construction Observation for the Bridge			100	60			\$1,000		\$ 19,576
3.5.2	Review of Submittals			100	320			\$500		\$ 48,451
3.5.3	Responses to Requests for Information		40	200	100					\$ 46,921
3.6	As-Built Plans		10	40		40		\$540	90	\$ 14,403
	Subconsultants							\$55,000		\$ -
SUBTOTAL			344	1080	542	70	124	\$74,040	2160	\$ 309,837
DIRECT COSTS										\$ 74,040
SUBTOTAL										\$ 383,877
TOTALS			344	1080	542	70	124	\$74,040.00	2160	\$ 383,877

2016 Hourly Rate Schedule - OH Rates

PRINCIPAL	SENIOR PROJECT MANAGER	SENIOR ENGINEER II	ASSOCIATE ENGINEER II	SENIOR TECHNICIAN	PROJECT ADMINISTRATOR	Direct Costs
\$ 261.05	\$ 249.78	\$ 129.12	\$ 111.06	\$ 168.50	\$ 100.59	