

FIRST AMENDMENT TO
PROFESSIONAL CONSULTANT SERVICES AGREEMENT

T.Y. LIN INTERNATIONAL, LLC

**Federal Aid Project
SR-91/Adams Street Interchange Reconfiguration No. STPL-5058 (094)
RFP 1871**

THIS FIRST AMENDMENT TO PROFESSIONAL CONSULTANT SERVICES AGREEMENT ("First Amendment") is made and entered into this _____ day of _____, 2020, by and between the CITY OF RIVERSIDE, a California charter city and municipal corporation ("City"), and T.Y. LIN INTERNATIONAL, LLC, a California limited liability company ("Consultant"), with respect to the following:

RECITALS

WHEREAS, the City and Consultant entered into that certain Professional Consultant Services Agreement dated August 22, 2019 ("Agreement") for SR-91/Adams Street Interchange Reconfiguration, Federal Aid Project No. STPL-5058 (094), RFP 1871 ("Project"); and

WHEREAS, the City desires to have Consultant continue providing the services referenced in the Agreement; with changes to the original scope of work dated May 22, 2019, and attached herein; and

WHEREAS, the City and Consultant have agreed to increase compensation by Fifty-Two Thousand, Eight Hundred Ninety-Five Dollars (\$52,895.00).

NOW, THEREFORE, incorporating the recitals set out above, the parties hereto mutually agree to the following amendment to the Agreement.

1. Section 1, Scope of Services, is hereby amended as described in Exhibit "A-2" attached hereto and incorporated herein.
2. Section 5, Compensation/Payment, is amended to increase compensation by Fifty-Two Thousand, Eight Hundred Ninety-Five Dollars (\$52,895.00), to account for the changes in services as described in Exhibit "A-2."
3. All other terms and conditions of the Agreement between the parties, which are not inconsistent with the terms of this First Amendment, shall remain in full force and effect as if fully set forth herein.

[SIGNATURES ON FOLLOWING PAGE.]

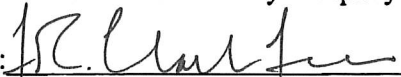
IN WITNESS WHEREOF, the parties hereto have caused this First Amendment to Professional Consultant Services Agreement to be duly executed the day and year first above written.

CITY OF RIVERSIDE,
a California charter city and municipal
corporation

By: _____
City Manager

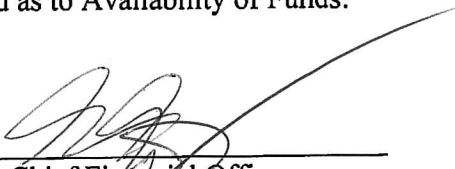
Attest: _____
Colleen J. Nicol
City Clerk

T.Y. LIN INTERNATIONAL, LLC., a
California limited liability company


By: 
Its: Nice President

By: _____
Its: _____

Certified as to Availability of Funds:

By: 
Chief Financial Officer

APPROVED AS TO FORM:

By: 
Ruthann M. Salera
Deputy City Attorney
A. Beaumont, for

CORPORATE AUTHORIZATION

Clark Fernon, Vice President of T.Y. Lin International (the "Corporation"), a California corporation, is a duly elected and appointed officer of the Corporation and holds full corporate authority to enter into any contracts and execute Bid Forms on behalf of the Corporation.

In witness whereof, I have caused this instrument to be executed and the corporate seal to be hereunto affixed on the 29th day of November 2017.



T.Y. LIN INTERNATIONAL

By: _____

Veronica Fennie
Assistant Secretary

EXHIBIT "A-2"

SCOPE OF SERVICES

State Route 91/Adams Street Interchange Reconfiguration

Project Approval/Environmental Document Services

SCOPE OF WORK

Amendment #1

February 19, 2020

Changes to the original scope of work dated May 22, 2019, are identified below.

Project Description

This amendment addresses the following changes to the project description:

- A high-level feasibility of an oval roundabout ("Ovalbout") configuration has been requested by the City of Riverside as a result of the project's Value Analysis Study conducted in November 2019.
- If the Ovalbout appears feasible, a separate amendment will be needed to fully develop the concept into a build alternative and to analyze it for the PAVED phase.

Task 1: Project Management, Coordination & Administration

Additional project management services will be needed in order to accommodate the feasibility analysis efforts and timeline.

Deliverables

- Meeting notices, agendas, handouts, and record of action items
- Meeting exhibits
- Adjusted project schedule
- Progress reports & invoices

Task 2: Engineering Development

Additional engineering and traffic analysis effort is required for the Ovalbout feasibility analysis.

2.15 Development of "Ovalbout" Concept and Feasibility Memorandum

2.15.1 Ovalbout Engineering Feasibility

Geometrics will be created based on English design standards as defined by Caltrans Highway Design Manual and Design Information Bulletins related to roundabouts, AASHTO design standards, and FHWA roundabout guidance, as applicable.

Concept layout plans and typical sections will be developed. These developments will reflect the proposed lane and shoulder widths. Approximate right-of-way impacts will be depicted on the concept layout plans. A high-level assessment of the Ovalbout construction staging concept will be completed to verify construction feasibility. Any non-standard features associated with the concept geometrics that can be identified at this stage will be identified on the concept layout.

A preliminary summary construction cost estimate will be prepared for the Ovalbout concept. This estimate will utilize the summary page format for the Caltrans PSR-PDS-level cost estimate, since this is a feasibility analysis.

Deliverables

- Ovalbout concept layouts and typical sections
- Ovalbout summary construction cost estimate

2.15.2 Ovalbout High-Level Traffic Analysis

Based on Caltrans' input and direction, an initial feasibility analysis will be prepared for an 8-legged Oval Roundabout configuration using the SIDRA software package. The analysis would document the overall intersection LOS, individual approach movement LOS, and queuing for both the am and pm peak hours.

The analysis would utilize the 2045 am and pm peak hour volumes contained in the PSR-PDS, since updated traffic forecasts have not yet been developed for the PA/ED phase. Assumptions will be made to determine the vehicle origins and destination patterns through the roundabout. Recommendations will be developed for the appropriate lane configurations.

No microsimulation analysis or travel-demand forecasting is assumed for this effort. It is expected that any microsimulation analysis/travel-demand forecasting could be completed under a separate amendment if the Ovalbout concept is feasible and the Project Development Team desires that it be included as a build alternative.

The discussion of methodology, the results of the analysis, and configuration recommendations will be documented in the draft memorandum for review by the City and Caltrans. The memorandum will include all supporting output data.

It is anticipated that one traffic-focused meeting will be attended with Caltrans and the City, to discuss the results and refinements to the analysis. Consultant will respond to up to three rounds of City/Caltrans comments. The final Ovalbout Concept Traffic Memorandum will be submitted to Caltrans and the City.

Deliverables

- Ovalbout Concept Traffic Memorandum
- Responses to comments

2.15.3 Ovalbout Feasibility Summary Memorandum

A technical memorandum will be prepared to summarize the Ovalbout engineering feasibility findings. The memorandum will include supporting items produced in subtask 2.15.1, including concept layouts, typical sections, and summary cost estimates.

A summary of the Ovalbout concept traffic feasibility analysis will be included in the memorandum, and the traffic memorandum produced in subtask 2.15.1 will be included as an attachment to the Ovalbout Feasibility Summary Memorandum.

A risk assessment will be performed to determine any risks specific to the Ovalbout concept in addition to those already identified on the project risk register. These will be listed in the memorandum. If the Ovalbout is later added to the project as a build alternative, the project risk register will be updated at that time with the risks associated with the Ovalbout.

The draft Ovalbout Feasibility Summary Memorandum will be submitted to the City and Caltrans for review. One round of comments is expected. Responses to comments will be developed and incorporated into the final Ovalbout Feasibility Summary Memorandum.

Deliverables

- Ovalbout Feasibility Summary Memorandum
- Responses to comments

Date: 2/19/2020
 Prime Consultant: T.Y. Lin International
 Project Title: State Route 91/Adams Street Project Approval/Environmental Document (PA/ED)
 Client Reference: RFP No. 1871
 Fee Proposal for: Amendment 1

FEE PROPOSAL SUMMARY

Name/Classification	2019		2020		2021		2022		TOTAL PROJECT	
	Hours	Raw Labor	Hours	Raw Labor	Hours	Raw Labor	Hours	Raw Labor	Hours	Raw Labor
Pemon, Clark/Principal-in-Charge	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Chapman, Karen/Project Manager	0	\$0	30	\$3,318	0	\$0	0	\$0	30	\$3,318
Glen, Alan/Team Advisor	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Gonzalez, Rodrigo/Team Advisor	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Olio, Steve/QA/QC	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Lemko, Alicia/QA/QC-Environmental	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Johnson, Eric/Engineering Lead	0	\$0	36	\$2,688	0	\$0	0	\$0	36	\$2,688
Diaz, Christine/PR/Roadway/Estimates/DSDD	0	\$0	40	\$1,968	0	\$0	0	\$0	40	\$1,968
Bocor, Patrick/SWDR/Signing/Striping/Staging/TH	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Pan, Albert/Utilities	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Kaya, Stephanie/Utilities	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Shamble, Noel/Structure Aesthetics	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Oulor, Stephane/Structures Manager	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sr. Bridge Engineer	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Baek, Seunghoon/Bridge Engineer	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Engineer I	0	\$0	80	\$2,701	0	\$0	0	\$0	80	\$2,701
CADD Technician	0	\$0	40	\$1,802	0	\$0	0	\$0	40	\$1,802
TOTALS	0	\$0	228	\$12,471	0	\$0	0	\$0	228	\$12,471

RAW LABOR:	\$12,471
OVERHEAD:	\$20,066
RAW LABOR + OVERHEAD:	\$32,537
10% FIXED FEE:	\$3,254
SUBTOTAL:	\$35,791
SUBCONSULTANT/VENDOR SERVICES:	\$16,835
Civil Works (DBE)	\$0
CPSI	\$0
David Evans & Associates	\$0
Earth Mechanics, Inc. (DBE)	\$0
ICF	\$0
Iteris	\$16,835
Laurel Civil & Environmental Consultants (DBE)	\$0
Optitrans (DBE)	\$0
Procura360 (DBE)	\$0
Psomas	\$0
WRECO (DBE)	\$0
0.298% FCCM:	\$37
OTHER DIRECT COSTS:	\$232
TOTAL BUDGET:	\$52,895

DBE %age
 0.0%

2/19/2020
T.Y. Lin International
State Route 91/Adair
RFP No. 1871

OTHER DIRECT COSTS		Quant	Unit	Price	Amount
Radiographs					
			U.S.	\$2,500.00	\$0
			Meds	10.50	\$222
	400		Each	\$50.00	\$20,000
Shipping & Delivery					
					\$0
					\$0
					\$0
					\$0
					\$0
OTHER DIRECT COSTS:					\$232

Printed 2/19/2020

2/18/2020
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OTHER DIRECT COSTS		Quant	Unit	Price	Amount
Reprographics		1	LS		\$0.00
Mileage		120	Miles	\$0.58	\$70.00
Shipping & Delivery			Each	\$0.00	\$0.00
					\$0.00
					\$0.00
					\$0.00
OTHER DIRECT COSTS:					\$70.00

Printed: 2/19/2020