City of Visalia, Department of Public Works Professional Engineering Services for NW Quadrant RR Study

TRC ENGINEERS, INC

DESIGN FEE ESTIMATE WORKSHEET

TRC Proposal No.
Sub administration:
Submittal Date:

2025-17	
0.0%	
8/15/2025_rev	

Phase 1 Totals								
TRC Labor	\$111,370.00							
TRC Labor (T&M)	\$41,440.00							
Subconsultants	\$59,900.00							
TRC Expenses	\$1,174.40							
TRC Labor (Optional)	\$20,220.00							
Total	\$234,104.40							

Phase 2 Totals								
TRC Labor	\$288,022.90							
TRC Labor (T&M)	\$68,447.50							
Subconsultants	\$120,121.28							
TRC Expenses	\$870.80							
TRC Labor(Optional)	\$16,511.00							
Subconsultant (Optional	\$67,865.12							
Total	\$561,838.60							

Phase 3 Totals (Optional)								
TRC Labor (T&M)	\$77,616.40							
Subconsultants	\$0.00							
TRC Expenses	\$1,238.40							
Total	\$78,854.80							

		Subconsultant					
	Pha	se 1	Pha	se 2	Phase 3		
Subconsultant Name	Basic	Basic Optional		Optional	Basic	Optional	
Peters Engineering Group	\$59,900.00		\$42,500.00		\$0.00	\$0.00	
Unico	\$0.00		\$34,521.28	\$1,423.12	\$0.00	\$0.00	
BSK	\$0.00		\$43,100.00	\$1,200.00	\$0.00	\$0.00	
Bess	\$0.00		\$0.00	\$52,904.00	\$0.00	\$0.00	
Bender Rosenthal	\$0.00		\$0.00	\$12,338.00	\$0.00	\$0.00	
Total	\$59,900.00	\$0.00	\$120,121.28	\$67,865.12	\$0.00	\$0.00	

City of Visalia, Department of Public Works Professional Engineering Services for NW Quadrant RR Study

TRC Design COST PROPOSAL

Hours by Task - TRC Only

Due Date: 8/15/2025_rev

	Task Description		Manager J. Conklin	Lead Roadway Engineer A. Bedal	Engineer Staff	II Staff	Engineer I Staff	Supervisor Staff	Technician Staff	Assistant Staff	Total Hours	Total \$
Phase 1	Preliminary Design Basic Tasks	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours		1
ask 1	Project Management and Coordination										0	\$0
ask 1.1	Project Management/Administration		12								12	\$3,480
ask 1.2	Project Team Meetings										0	\$0
	Project Development Team (PDT) Meetings (12 total)	4	24	12							40	\$10,640
	Plan Check Comments Review Meeting										0	\$0
	30% Submittal		6	4							10	\$2,580
ask 1.3	Progress Reports and Invoices	6	12							12	30	\$6,240
ask 1.4	Project Coordination/Sub Consultant Coordination		12	6							18	\$4,740
ask 1.5	Microsoft Baseline Schedule		4	6							10	\$2,420
ask 1.6	Quality Control/Quality Assurance										0	\$0
	30% Submittal	8	4								12	\$3,480
ask 2	Project Startup and Coordination										0	\$0
	Kick off Meeting (Site Visit)		4	4							8	\$2,000
	Preparing Agenda and Meeting Notes		2	1							3	\$790
ask 3	Aerial Mapping and Preliminary R/W Boundary										0	\$0
	Preparing Aerial Base Mapping			2			8				10	\$1,460
	Mapping R/W boundaries (from Parcel Maps)			2			16				18	\$2,500
ask 4	Utility Company Coordination										0	\$0
	Prepare Utility Letters			4							4	\$840
	Prepare Utility Conflict Maps			4			18				22	\$3,180
Task 5 U	UPRR and SJVR Coordination and Approvals (T&M)										0	\$0
	Prepare Concept plan of Preferred Alternative	2		4			40				46	\$6,620
	Prepare Reimbursement Letter Agreements for (UPRR and SJVR)	8	6	4							18	\$4,900
	Prepare and Attend Diagnostic Meeting	12	12	8							32	\$8,640
	Prepare Draft SH 130 Fund Application and Transmittal Letter	24	8	12							44	\$11,800
	Coordination with Railroad during the Preliminary Phase	16	8	12							36	\$9,480
ask 6	Traffic Analysis	1.0		1.2							0	\$0
	Engineering Support for the Traffic Study		8	8							16	\$4,000
ask 7	Preliminary 30% Plans (Preferred Alternative)										0	\$0
	Geometric Approval Layout Drawings (Preferred Alt)		1	8		30	30	4	24		97	\$14,040
	Oak Avenue Conceptual Improvements		2	8		30	30	· ·			70	\$10,810
	Layout of the Grade Crossing Configurations (Preferred Alt)		2	8		16	16				42	\$6,820
ask 7A.Optional	Geometric Approval Layout Drawings (2 other alt)		2	16		40	40	8	30		136	\$20,220
ask 8	Preliminary Cost Estimates										0	\$0
2011 0	11-page preliminary cost estimates (Preferred Alt)		1	4		8	8				21	\$3,410
ask 9	Feasibility Report		'	7							0	\$0
<u> </u>	Draft Feasibility Report	8	8	24							40	\$9,680
	Final Feasibility Report	8	4	24					1	+ +	36	\$8,520
ask 10	City Council Meeting Support	U	7	24							0	\$0,320
20K 10	Prepare Powerpoint Presenation	2	4	8							14	\$3,420
	Attendance at City Council Meetings	8	8	8					1	+ +	24	\$6,320
	Attendance at only council wicetings	0	0	0						+ +	0	\$6,320 \$0
	Total Hours	106	154	201	0	124	206	12	54	12	869	\$173,03
	Loaded Hourly Rate	\$ 290.00	\$290.00		\$185.00	\$155.00	\$130.00	\$160.00	\$120.00	\$85.00		,
	Fee/Classification	30740	44660	42210	0	19220	26780	1920	6480	1020	869	\$173,03
	% of Total Hours/Classification	12%	18%	23%	0%	14%	24%	1%	6%	1%	1	,,,,,

City of Visalia, Department of Public Works	TRC Design	Date: 8/15/2025_re\
Professional Engineering Services for	COST PROPOSAL - PHASE 2	
NW Quadrant RR Study	Hours by Task - TRC Only	

Phase 2		Task Description	PIC QA/QC	N	Project Manager	Lead Roadway Engineer	Senior Engineer		ngineer II	Engineer I	Eng. CADD Supervisor	Eng. CADD Technician	Eng. Adm. Assistant	Data Processor	Total Hours	Total \$	
Table 1			Staff	J.	Conklin	A. Bedal	Staff		Staff	Staff	Staff	Staff	Staff	Staff			
Table 1			Hours		Hours	Hours	Hours		Hours	Hours	Hours	Hours	Hours	Hours		-	
Professor Prof					0.4										_	\$0	
Progress Source part Community (1971) Microsoft Section (1971) According 24 May 1		, ,			24										_	\$7,273	
Priest State and Construction	1 ask 1.2				40											\$0	
Prison P					48	24									_	\$19,81	
Presents Agentical Membring Notes 2 1																\$0	
Prince Check Commands Review Meating															_	\$3,135	
Six Submersia					2	1 1									_	\$826	
60 5 5 5 5 5 5 5 5 5															_	\$0	
## 1.50 Project Controllation					6											\$2,916	
1984 1		95% Submittal			6	5									11	\$2,916	
## 1.5 Microsoft Baseline Scheduler Coordination with 15		100% Submittal			6	5									11	\$2,916	
Table 1.5	ask 1.3	Progress Reports and Invoices			24									12	36	\$8,339	
Sept 1.0	ask 1.4	Project Coordination/Sub Consultant Coordination			16	24						İ			40	\$10,110	
Set 1.6	ask 1.5	Microsoft Baseline Schedule			4	24									28	\$6,479	
BFS Submitted B															_	\$0	
99% Submittal	-	•	8		8						1 1					\$4,849	
1995 Submitted				1		 					1 1	1 1				\$9,698	
Phase 2 - Utility Company Coordination				+		 	_		+		+ +					\$4,849	
Princare Utility Lotton:	ask 2		U		<u> </u>										_	\$0	
Displace of Usility Plans Concentration with Usility Companies	ask Z				2	16										\$4,117	
Coordination with Usiny Companies				+			+			10	-	16		 		\$6,395	
Sulfity Stells Meeting 6 4 4 4 5 12 2 3 3 3 3 3 3 3 3				+			_	1		16	8	10					
March Marc											+ +	<u> </u>			_	\$3,950	
Topographic Survey (By Unico)					6			1			+	+		\square		\$3,240	
Survey Coordination and Approvals						4				8						\$1,965	
See Constitution and Approvals 24 16 16 16 16 16 16 16 1	ask 3															\$0	
Consultant Coordination with UPRRESUM? and Approvals 24 16 16 16						2					2	8				\$1,777	
Proport callroad permit, letter to UPISAVR, and Right of Entry letters 40 16 16	ask 4															\$0	
Sask 5 Puccordination and Approvals during the PS&E Phase (T&M) 24 8 12		Consultant Coordination with UPRR/SJVR and Approvals	24		16	16									56	\$15,633	
Fergane PUC Application 24 8 12		Prepare railroad permit, letter to UP/SJVR, and Right of Entry letters	40		16	16									72	\$20,482	
Montro-PUC Application Approval 12 8	Task 5	PUC Coordination and Approvals during the PS&E Phase (T&M)													0	\$0	
Fask 5 Montor PUC Application Approval Fask 7 Environmental Document	Гask 5.A	Prepare PUC Application	24		8	12									44	\$12,331	
Task 6 Geotechnical Engineering (By BSK)					8										_	\$6,061	
Task 7 Environmental Document															_	\$0	
Task 7 A Engineering Support to the Environmental Document (Fig. 12)											+ +					\$0	
Task 7.8 Environmental Document (By City)					8	24			12	12						\$11,265	
Task 7.C Hazardous Waste Memo (By BSK)						24			14	12					_	\$11,200	
Task 8 S5% Design											+ +				-	φυ	
Task 8.1 Prepare 65% Plans																	
Flask 8.2 Prepare 65% Cost Estimate									20			10				\$0	
Task 8.3 Drainage Analysis				-	8						8	40				\$37,871	
Task 4 Prepare 65% Submittal		·														\$8,903	
Fask 9 95% PS&E					8				18							\$13,052	
Task 9.1 Prepare 95% Plans					1	2				4						\$1,285	
Task 9.2 Cost Estimates and Specifications		95% PS&E														\$0	
Flesk 9.3 Prepare 95% Submittal					8				100		8	48			312	\$50,097	
Feepare 95% Submittal	Γask 9.2				8	40			16	16					80	\$15,968	
Frequence Final 100% PS&E	Task 9.3	Prepare 95% Submittal			1	2				4					7	\$1,285	
Frequence Final 100% PS&E	Task 10	100% PS&E													0	\$0	
Fask 10.2 Prepare Ready to List Documents 1 8 1 2 1 8 1 7 5 5 5 5 5 5 5 5 5					1	16			24	24	4	24		1 1		\$14,640	
Fresh Fres					1						1 1	 			_	\$2,059	
Fask 11 Right of Way Engineering and Clearance (Optional) 2 8 8 16 34 \$5 16 16 16 16 16 16 16 1					1					4	 					\$1,285	
Task 11.1 Right of Way Engineering Support CPUC Funding Acquisition (T&M) CPUC Coordination through application process CPUC Goordination through application process Task 13 CPUC/UPRR/SJVR Plan Development Acquisition (T&M) Attendance at Virtual Meetings Prepare Response to Comments Task 14.1 Bid Assistance Total Hours Total Hours Escalated once at 4.5% for years 2 and 3 over year 1 rate Fee/Classification Fee/Classification Fee/Classification Total Hours Fee/Classification Fee/Classification 48 8 16 8 16 8 16 8 16 8 16 8 16 8 16 8 16 8 16 8 16 8 16 8 16 8 16 8 16 8 17 8 18 8 16 8 18 8 1		'			<u>'</u>											\$0	
CPUC Funding Acquisition (T&M) CPUC Coordination through application process 16 8 8					2	٥			Ω	16	1 1					\$5,831	
CPUC Coordination through application process 16 8 8 8		0 7 0 0 11		+		0	_		O	10	++-				_		
CPUC/UPRR/SJVR Plan Development Acquisition (T&M)	145K 14		40		^						1					\$0	
Attendance at Virtual Meetings 6 12 20	- 1 40		16	\perp	ŏ	8					8	8			_	\$11,370	
Prepare Response to Comments 6 8 48	ask 13															\$0	
Fask 14 (Optional) Pre-Construction Engineering Services				\perp				igsquare			\bot			 		\$9,844	
Task 14.1 Bid Assistance 2 8 24 8 8 8 8 5 50 \$1 Total Hours Escalated once at 4.5% for years 2 and 3 over year 1 rate Fee/Classification 49094 94855 107969 0 46973 45917 7691 19061 0 1421 1809 \$37			6		88	48					8	8		4	_	\$17,472	
Total Hours 162 313 492 0 290 338 46 152 0 16 1809 \$37 Escalated once at 4.5% for years 2 and 3 over year 1 rate Fee/Classification 49094 94855 107969 0 46973 45917 7691 19061 0 1421 1809 \$37																\$0	
Total Hours 162 313 492 0 290 338 46 152 0 16 1809 \$37 Escalated once at 4.5% for years 2 and 3 over year 1 rate Fee/Classification 49094 94855 107969 0 46973 45917 7691 19061 0 1421 1809 \$37	Task 14	I.1 Bid Assistance	2		8	24			8	8					50	\$10,680	
Escalated once at 4.5% for years 2 and 3 over year 1 rate Fee/Classification 49094 94855 107969 0 46973 45917 7691 19061 0 1421 1809 \$37	<u> </u>																
Escalated once at 4.5% for years 2 and 3 over year 1 rate Fee/Classification 49094 94855 107969 0 46973 45917 7691 19061 0 1421 1809 \$37		Total Hours	162		313	492	0		290	338	46	152	0	16	1809	\$372,98	
Fee/Classification 49094 94855 107969 0 46973 45917 7691 19061 0 1421 1809 \$37		The state of the s		;								 			1.000	Ţ J . <u>Z</u> ,50	
		· · · · · · · · · · · · · · · · · · ·						\vdash					1 1		4000	#070 00	
% of Total Hours/Classification 9% 17% 27% 0% 16% 19% 3% 8% 0% 1%		Fee/Classification												1421	1809	\$372,98	

City of Visalia, Department of Public Works
Professional Engineering Services for
NW Quadrant RR Study

Escalated once at 9% for year 4 over year 1 rate

TRC Design COST PROPOSAL - PHASE 3

Hours by Task - TRC Only

Date: 8/15/2025_rev

Revised per Board
Direction to complete
CEQA in Phase 1

	Task Description		Project Manager J. Conklin	Lead Roadway Engineer A. Bedal	Senior Engineer Staff	Engineer II Staff	Engineer I Staff	Eng. CADD Supervisor Staff	Eng. CADD Technician Staff	Eng. Adm. Assistant Staff	Data Processor Staff	Total Hours	Total \$
		Staff Hours	Hours			Hours	Hours	Hours	Hours	Hours	Hours	1	
Phase 3 Services		Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours		. <u></u>
	n Phase Services												
Task 1 Project Mana	gement during the Construction Phase (12 months)		30	10								40	\$11,801
Task 2 Attend Pre-co	onstruction meeting			8								8	\$1,836
Task 3 Site Visits				18	18							36	\$7,769
Task 4 Phone Consu	ultation		4	16	20							40	\$8,982
Task 5 Respond to F	RFI's		2	8	8		8		14			40	\$7,059
Task 6 Submittal Rev	views		2	8	30	10	10					60	\$11,648
Task 7 Change Orde	er Assistance		2	6	24			2	16			50	\$9,310
Task 8 Attendance a	t Other Meetings		4	4	8							16	\$3,803
Task 9 Preparing As-	-builts			4	12			24	60			100	\$15,407
	Total Hours	0	44	82	120	10	18	26	90	0	0	390	\$77,616
Phase 3 Services	Escalated once at 9% for year 4 over year 1 rate	316.89	316.89	229.47	202.15	169.37	142.05	174.84	131.13	92.88	92.88		·
	Fee/Classification	0	13943	18817	24259	1694	2557	4546	11801	0	0	390	\$77,616
	% of Total Hours/Classification	0%	11%	21%	31%	3%	5%	7%	23%	0%	0%		<u> </u>
	Escalation Rate 9.	.3%											

TRC ENGINEERS FEE ESTIMATE WORK City of Visalia, Departr			EXPENSE	PHASE 1	Date	: 8/15/2025_re	v		
NW Quadrant RR Stud	у								
Travel									
From Fresno									
To City of Vis	alia				-				
	Rate		#		-	#	_		
Airfare (round trips)	\$0.00	х		trips	х		people	=	\$0.00
Mileage (personal vehicl	\$0.700	Х	84	miles (RT)	X	8	trips	=	\$470.40
Lodging	\$175.00	Х	0	nights	Х	0	people	=	\$0.00
Per Diem (GSA, lunch)	\$18.00	Х	0	days	Х	0	people	=	\$0.00
Car rental	\$48.00	Х	8	days	Х	1	car	=	\$384.00
Miscellaneous	\$50.00	Х	1	units	Х	2	units	=	\$100.00
Total Travel									\$954.40
ODC's									
	Rate		#						
Mail	\$0.68	Х		pieces				=	\$0.00
Overnight mail	\$20.00	Х	4	pieces				=	\$80.00
Copies (8.5x11)	\$0.06	Х	500	copies	misc print			=	\$30.00
Copies (11x17)	\$0.12	Х	500	prints		7 prints for		=	\$60.00
Prints (22x34)	\$3.00	Х		prints		no full-size		=	\$0.00
Mylars (22x34)	\$12.00	Х		prints		no mylar s	ubmittals	=	\$0.00
Envir. Permits		Х			TBD			=	\$0.00
Miscellaneous	\$50.00	Х	1	units				=	\$50.00
Total ODC's Travel and ODC's									\$220.00

TRC ENGINEERS				PHASE 2		Date	Date: 8/15/2025_rev			
FEE ESTIMATE W	VORKS	HEET			EXPENSE	S WORKS	HEET			
Travel										
From Fres	no									
To City	of Visa	lia								
# of people										
# of days			# of nights	S						
# of trips						='				
		Rate		#			#			
Airfare (round trips	:)	\$0.00	х	"	trips	x		people	=	\$0.00
Mileage (personal		\$0.700	x	84	miles (RT		1	trips	=	\$58.80
Lodging		\$175.00	X	0	nights	, x	0	people	=	\$0.00
Per Diem (GSA, lu	inch)	\$18.00	x	0	days	X	0	people	=	\$0.00
Car rental	,	\$48.00	X	4	days	X	1	car	=	\$192.00
Miscellaneous		\$50.00	х	2	units	х	1	units	=	\$100.00
Total Travel							ı			\$350.80
ODC's										
		Rate		#						
Mail		\$0.68	х		pieces				=	\$0.00
Overnight mail	Γ	\$20.00	х	4	pieces				=	\$80.00
Copies (8.5x11)		\$0.06	х	500	copies	misc prints		1	=	\$30.00
Copies (11x17)		\$0.12	Х	500	prints	Misc 11x1	7 prints for	r review	=	\$60.00
Prints (22x34)		\$3.00	х	100	prints	Assumes	no full-size	prints	=	\$300.00
Mylars (22x34)		\$12.00	х		prints	Assumes	no mylar s	ubmittals	=	\$0.00
Envir. Permits			Х			TBD			=	\$0.00
Miscellaneous		\$50.00	х	1	units				=	\$50.00
Total ODC's										\$520.00
Travel and ODC's	;	_								\$870.80

TRC ENGINEERS FEE ESTIMATE WORKSHEET						PHASE 3					
					EXPENSES WORKSHEET						
Travel											
From	Fresno										
То	City of Visa	City of Visalia									
# of people						_					
# of days		# of nights									
# of trips			Ü			-					
		Rate		#			#				
Airfare (round trips)		\$0.00	х		trips	х	- "	people	=	\$0.00	
Mileage (personal vehicl		\$0.700	X	84	miles (RT		3	trips	= -	\$176.40	
Lodging		\$175.00	x	0	nights	, X	0	people	=	\$0.00	
Per Diem (GSA, lunch)		\$18.00	X	0	days	X	0	people	=	\$0.00	
Car rental (\$48.00	х	4	days	х	1	car	=	\$192.00	
Miscellaneous		\$50.00	х	2	units	Х	1	units	=	\$100.00	
Total Travel										\$468.40	
ODC's									•		
		Rate		#							
Mail		\$0.68	х		pieces				=	\$0.00	
Overnight mail		\$20.00	х	4	pieces				=	\$80.00	
Copies (8.5x11)		\$0.06	Х	500	copies	misc prints			=	\$30.00	
Copies (11x17)		\$0.12	Х	500	prints	Misc 11x17 prints for review			=	\$60.00	
Prints (22x34)		\$3.00	Х	100	prints	Assumes no full-size prints			=	\$300.00	
Mylars (22x34)		\$12.00	Х		prints	Assumes no mylar submittals			=	\$0.00	
Envir. Permits			х			TBD			=	\$0.00	
Miscellaneous		\$50.00	Х	6	units				=	\$300.00	
Total ODC's					-	-	-			\$770.00	
Travel and C	DC's									\$1,238.40	