

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 |

| Subconsultants | | | | | | |
|--------------------------|-------------|----------|--------------|-------------|---------|----------|
| Subconsultant Name | Phase 1 | | Phase 2 | | Phase 3 | |
| | Basic | Optional | Basic | 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 | | | | TRC Design | | | | | | | | | | Due Date: 8/15/2025_rev | | | | | | | |
|---|--|--------------|-----------|--------------------------|----------|--------------------------|----------|--------------------|----------|----------------|----------|---------------|----------|-------------------------|----------|-------------------------|----------|------------------------|---------|----------------|-------------|
| Professional Engineering Services for | | | | COST PROPOSAL | | | | | | | | | | | | | | | | | |
| NW Quadrant RR Study | | | | Hours by Task - TRC Only | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| Task Description | | PIC QA/QC | | Project Manager | | Lead Roadway Engineer | | Senior Engineer | | Engineer II | | Engineer I | | Eng. CADD Supervisor | | Eng. CADD Technician | | Eng. Adm. Assistant | | Total Hours | Total \$ |
| | | Staff | | J. Conklin | | A. Bedal | | Staff | | Staff | | Staff | | Staff | | Staff | | Staff | | | |
| Phase 1 | Preliminary Design Basic Tasks | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | Hours | | |
| Task 1 | Project Management and Coordination | | | | | | | | | | | | | | | | | | | 0 | \$0 |
| Task 1.1 | Project Management/Administration | | | | 12 | | | | | | | | | | | | | | | 12 | \$3,480 |
| Task 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 |
| Task 1.3 | Progress Reports and Invoices | | 6 | | 12 | | | | | | | | | | | | | 12 | | 30 | \$6,240 |
| Task 1.4 | Project Coordination/Sub Consultant Coordination | | | | 12 | | 6 | | | | | | | | | | | | | 18 | \$4,740 |
| Task 1.5 | Microsoft Baseline Schedule | | | | 4 | | 6 | | | | | | | | | | | | | 10 | \$2,420 |
| Task 1.6 | Quality Control/Quality Assurance | | | | | | | | | | | | | | | | | | | 0 | \$0 |
| | 30% Submittal | | 8 | | 4 | | | | | | | | | | | | | | | 12 | \$3,480 |
| Task 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 |
| Task 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 |
| Task 4 | Utility Company Coordination | | | | | | | | | | | | | | | | | | | 0 | \$0 |
| | Prepare Utility Letters | | | | | | 4 | | | | | | | | | | | | | 4 | \$840 |
| | Prepare Utility Conflict Maps | | | | | | 4 | | | | | 18 | | | | | | | | 22 | \$3,180 |
| Task 5 | 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 |
| Task 6 | Traffic Analysis | | | | | | | | | | | | | | | | | | | 0 | \$0 |
| | Engineering Support for the Traffic Study | | | | 8 | | 8 | | | | | | | | | | | | | 16 | \$4,000 |
| Task 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 |
| Task 7A.Optional | Geometric Approval Layout Drawings (2 other alt) | | | | 2 | | 16 | | | 40 | | 40 | | 8 | | 30 | | | | 136 | \$20,220 |
| Task 8 | Preliminary Cost Estimates | | | | | | | | | | | | | | | | | | | 0 | \$0 |
| | 11-page preliminary cost estimates (Preferred Alt) | | | | 1 | | 4 | | | 8 | | 8 | | | | | | | | 21 | \$3,410 |
| Task 9 | Feasibility Report | | | | | | | | | | | | | | | | | | | 0 | \$0 |
| | Draft Feasibility Report | | 8 | | 8 | | 24 | | | | | | | | | | | | | 40 | \$9,680 |
| | Final Feasibility Report | | 8 | | 4 | | 24 | | | | | | | | | | | | | 36 | \$8,520 |
| Task 10 | City Council Meeting Support | | | | | | | | | | | | | | | | | | | 0 | \$0 |
| | Prepare Powerpoint Presenation | | 2 | | 4 | | 8 | | | | | | | | | | | | | 14 | \$3,420 |
| | Attendance at City Council Meetings | | 8 | | 8 | | 8 | | | | | | | | | | | | | 24 | \$6,320 |
| | | | | | | | | | | | | | | | | | | | | 0 | \$0 |
| Total Hours | | | 106 | | 154 | | 201 | | 0 | | 124 | | 206 | | 12 | | 54 | | 12 | 869 | \$173,030 |
| Loaded Hourly Rate | | | \$ 290.00 | | \$290.00 | | \$210.00 | | \$185.00 | | \$155.00 | | \$130.00 | | \$160.00 | | \$120.00 | | \$85.00 | | |
| Fee/Classification | | | 30740 | | 44660 | | 42210 | | 0 | | 19220 | | 26780 | | 1920 | | 6480 | | 1020 | 869 | \$173,030 |
| % of Total Hours/Classification | | | 12% | | 18% | | 23% | | 0% | | 14% | | 24% | | 1% | | 6% | | 1% | | |
| No Escalation in Year 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 | | | | | | | | | |
| | | | | | | | | | | | | | |
| Task Description | | PIC QA/QC | Project Manager | Lead Roadway Engineer | Senior Engineer | Engineer II | Engineer I | Eng. CADD Supervisor | Eng. CADD Technician | Eng. Adm. Assistant | Data Processor | Total Hours | Total \$ |
| | | Staff | J. Conklin | A. Bedal | Staff | Staff | Staff | Staff | Staff | Staff | Staff | | |
| Phase 2 | Final Design Basic Tasks | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Hours | | |
| Task 1 | Project Management and Coordination | | | | | | | | | | | 0 | \$0 |
| Task 1.1 | Project Management/Administration | | 24 | | | | | | | | | 24 | \$7,273 |
| Task 1.2 | Project Team Meetings | | | | | | | | | | | 0 | \$0 |
| | Project Development Team (PDT) Meetings (24 total) | | 48 | 24 | | | | | | | | 72 | \$19,813 |
| | Project Startup and Coordination | | | | | | | | | | | 0 | \$0 |
| | Phase 2 Kick off Meeting (Site Visit) | | 6 | 6 | | | | | | | | 12 | \$3,135 |
| | Preparing Agenda and Meeting Notes | | 2 | 1 | | | | | | | | 3 | \$826 |
| | Plan Check Comments Review Meeting | | | | | | | | | | | 0 | \$0 |
| | 65% Submittal | | 6 | 5 | | | | | | | | 11 | \$2,916 |
| | 95% Submittal | | 6 | 5 | | | | | | | | 11 | \$2,916 |
| | 100% Submittal | | 6 | 5 | | | | | | | | 11 | \$2,916 |
| Task 1.3 | Progress Reports and Invoices | | 24 | | | | | | | | 12 | 36 | \$8,339 |
| Task 1.4 | Project Coordination/Sub Consultant Coordination | | 16 | 24 | | | | | | | | 40 | \$10,116 |
| Task 1.5 | Microsoft Baseline Schedule | | 4 | 24 | | | | | | | | 28 | \$6,479 |
| Task 1.6 | Quality Control/Quality Assurance | | | | | | | | | | | 0 | \$0 |
| | 65% Submittal | 8 | 8 | | | | | | | | | 16 | \$4,849 |
| | 95% Submittal | 16 | 16 | | | | | | | | | 32 | \$9,698 |
| | 100% Submittal | 8 | 8 | | | | | | | | | 16 | \$4,849 |
| Task 2 | Phase 2 - Utility Company Coordination | | | | | | | | | | | 0 | \$0 |
| | Prepare Utility Letters | | 2 | 16 | | | | | | | | 18 | \$4,117 |
| | Update of Utility Plans | | | 4 | | | 16 | 8 | 16 | | | 44 | \$6,395 |
| | Coordination with Utility Companies | | | 18 | | | | | | | | 18 | \$3,950 |
| | Utility Site Meeting | | 6 | 4 | | | 4 | | | | | 14 | \$3,240 |
| | Utility Potholing Support | | | 4 | | | 8 | | | | | 12 | \$1,965 |
| Task 3 | Topographic Survey (By Unico) | | | | | | | | | | | 0 | \$0 |
| | Survey Coordination | | | 2 | | | | 2 | 8 | | | 12 | \$1,777 |
| Task 4 | UPRR and SJVR Coordination and Approvals | | | | | | | | | | | 0 | \$0 |
| | Consultant Coordination with UPRR/SJVR and Approvals | 24 | 16 | 16 | | | | | | | | 56 | \$15,633 |
| | Prepare railroad permit, letter to UP/SJVR, and Right of Entry letters | 40 | 16 | 16 | | | | | | | | 72 | \$20,482 |
| Task 5 | PUC Coordination and Approvals during the PS&E Phase (T&M) | | | | | | | | | | | 0 | \$0 |
| Task 5.A | Prepare PUC Application | 24 | 8 | 12 | | | | | | | | 44 | \$12,331 |
| Task 5.B | Monitor PUC Application Approval | 12 | 8 | | | | | | | | | 20 | \$6,061 |
| Task 6 | Geotechnical Engineering (By BSK) | | | | | | | | | | | 0 | \$0 |
| Task 7 | Environmental Document | | | | | | | | | | | 0 | \$0 |
| Task 7.A | Engineering Support to the Environmental Document | | 8 | 24 | | 12 | 12 | | | | | 56 | \$11,265 |
| Task 7.B | Environmental Document (By City) | | | | | | | | | | | 0 | \$0 |
| Task 7.C | Hazardous Waste Memo (By BSK) | | | | | | | | | | | | |
| Task 8 | 65% Design | | | | | | | | | | | 0 | \$0 |
| Task 8.1 | Prepare 65% Plans | | 8 | 24 | | 80 | 80 | 8 | 40 | | | 240 | \$37,871 |
| Task 8.2 | Prepare 65% Cost Estimate | | | 8 | | 24 | 24 | | | | | 56 | \$8,903 |
| Task 8.3 | Drainage Analysis | | 8 | 24 | | 18 | 18 | | | | | 68 | \$13,052 |
| Task 8.4 | Prepare 65% Submittal | | 1 | 2 | | | 4 | | | | | 7 | \$1,285 |
| Task 9 | 95% PS&E | | | | | | | | | | | 0 | \$0 |
| Task 9.1 | Prepare 95% Plans | | 8 | 48 | | 100 | 100 | 8 | 48 | | | 312 | \$50,097 |
| Task 9.2 | Cost Estimates and Specifications | | 8 | 40 | | 16 | 16 | | | | | 80 | \$15,968 |
| Task 9.3 | Prepare 95% Submittal | | 1 | 2 | | | 4 | | | | | 7 | \$1,285 |
| Task 10 | 100% PS&E | | | | | | | | | | | 0 | \$0 |
| Task 10.1 | Prepare Final 100% PS&E | | 1 | 16 | | 24 | 24 | 4 | 24 | | | 93 | \$14,640 |
| Task 10.2 | Prepare Ready to List Documents | | 1 | 8 | | | | | | | | 9 | \$2,059 |
| Task 10.3 | Prepare 100% PS&E Submittal | | 1 | 2 | | | 4 | | | | | 7 | \$1,285 |
| Task 11 (Optional) | Right of Way Engineering and Clearance (Optional) | | | | | | | | | | | 0 | \$0 |
| Task 11.1 | Right of Way Engineering Support | | 2 | 8 | | 8 | 16 | | | | | 34 | \$5,831 |
| Task 12 | CPUC Funding Acquisition (T&M) | | | | | | | | | | | 0 | \$0 |
| | CPUC Coordination through application process | 16 | 8 | 8 | | | | 8 | 8 | | | 48 | \$11,370 |
| Task 13 | CPUC/UPRR/SJVR Plan Development Acquisition (T&M) | | | | | | | | | | | 0 | \$0 |
| | Attendance at Virtual Meetings | 6 | 12 | 20 | | | | | | | | 38 | \$9,844 |
| | Prepare Response to Comments | 6 | 8 | 48 | | | | 8 | 8 | | 4 | 82 | \$17,472 |
| Task 14 (Optional) | Pre-Construction Engineering Services | | | | | | | | | | | 0 | \$0 |
| Task 14.1 | Bid Assistance | 2 | 8 | 24 | | 8 | 8 | | | | | 50 | \$10,680 |
| Total Hours | | 162 | 313 | 492 | 0 | 290 | 338 | 46 | 152 | 0 | 16 | 1809 | \$372,981 |
| Escalated once at 4.5% for years 2 and 3 over year 1 rate | | 303.05 | 303.05 | 219.45 | 193.33 | 161.98 | 135.85 | 167.20 | 125.40 | 88.83 | 88.83 | | |
| Fee/Classification | | 49094 | 94855 | 107969 | 0 | 46973 | 45917 | 7691 | 19061 | 0 | 1421 | 1809 | \$372,981 |
| % of Total Hours/Classification | | 9% | 17% | 27% | 0% | 16% | 19% | 3% | 8% | 0% | 1% | | |

