

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



ITEM: 3.26
(ID # 26824)

MEETING DATE:
Tuesday, May 12, 2026

FROM : TLMA-TRANSPORTATION

SUBJECT: TRANSPORTATION AND LAND MANAGEMENT AGENCY/TRANSPORTATION: Approval of Amendment No. 2 to the Engineering and Environmental Services Agreement for Replacement of Six Timber Bridges on Chuckwalla Valley Road and Railroad Avenue (Bridge No. 56C0099, 56C0101, 56C0102, 56C0103, 56C0104, 56C0108) between County of Riverside and CNS Engineers, Inc. Districts 4 and 5. [\$2,976,992 Amendment Cost, Total Agreement Cost \$5,960,063 - Federal Highway Bridge Program (HBP) Funds 100%]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve Amendment No. 2 to the Engineering and Environmental Services Agreement for the Replacement of Six Timber Bridges on Chuckwalla Valley Road and Railroad Avenue (Bridge No. 56C0099, 56C0101, 56C0102, 56C0103, 56C0104, 56C0108) between the County of Riverside Transportation Department and CNS Engineers, Inc. to add additional and modified services and increase the maximum contract amount by \$2,976,992.23;
2. Authorize the Chair of the Board to execute the same; and
3. Direct the Purchasing Agent to issue Purchase Orders to CNS Engineers, Inc. for services provided that are consistent with the agreement, as amended, not to exceed the total amount of \$5,960,063.57.

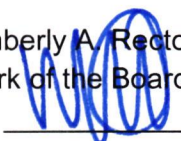
ACTION: Policy


Dennis Acuna, Director of Transportation 4/16/2026

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Gutierrez, seconded by Supervisor Perez and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Medina, Spiegel, Washington, Perez, and Gutierrez
Nays: None
Absent: None
Date: May 12, 2026
xc: Transp.

Kimberly A. Rector
Clerk of the Board
By: 
Deputy

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
STATE OF CALIFORNIA**

| FINANCIAL DATA | Current Fiscal Year: | Next Fiscal Year: | Total Cost: | Ongoing Cost |
|---|-----------------------------|--------------------------|---------------------------------------|---------------------|
| COST | \$ 1,200,000 | \$ 750,000.00 | \$ 2,976,992 | \$ 0 |
| NET COUNTY COST | 0 | 0 | 0 | \$ 0 |
| SOURCE OF FUNDS: Federal Highway Bridge Program (HBP) Funds (100%). There are no General Funds used in this project. | | | Budget Adjustment: Yes | |
| | | | For Fiscal Year: 24/25 – 28/29 | |

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

The County of Riverside Transportation Department (County) is proposing to replace six (6) timber bridges: two along Railroad Avenue in the Cabazon area and four along Chuckwalla Valley Road in the Desert Center area (PROJECT). These bridges were built in the early 1930s. Each bridge is older than 80 years and has completed their useful service life in addition to exhibiting various structural and hydraulic deficiencies.

On October 23, 2018, Agenda Item 3.29, the County Board of Supervisors executed an Engineering and Environmental Services Agreement for the Replacement of Six Timber Bridges on Chuckwalla Valley Road and Railroad Avenue (Bridge No. 56C0099, 56C0101, 56C0102, 56C0103, 56C0104, 56C0108) with CNS Engineers, Inc. (AGREEMENT) to complete all phases of the project, including: (I) Preliminary Engineering/Environmental Clearance/Technical Report, (II) Plans, Specifications and Estimates (PS&E), (III) Construction Bidding and Award Support, and (IV) Design Support During Construction.

On June 25, 2024, Agenda Item 3.78, the County Board of Supervisors approved Amendment No. 1 of the AGREEMENT. Amendment No. 1 extended the schedule of services of the AGREEMENT from June 30, 2024, to June 30, 2029, to complete the scope of services set forth in the AGREEMENT.

The County is the lead agency for the California Environmental Quality Act (CEQA), and based on delegation by the Federal Highway Administration, the California Department of Transportation (CALTRANS) is the lead agency for the National Environmental Policy Act (NEPA). Environmental technical studies revealed that Railroad Avenue and Chuckwalla Valley Road were part of historic highways, potentially eligible for listing in historic registers and the California Register of Historical Resources. As a result, additional evaluation and coordination are necessary, leading to further coordination and services in terms of obtaining project approval from CALTRANS and other regulatory agencies.

Amendment No. 2 is needed to provide additional scope of services and costs for the additional environmental documentation, to obtain project approval from CALTRANS and regulatory agencies, and to modify the bridge design to comply with the new CALTRANS project approval process.

As a result, the PROJECT will require additional services in terms of obtaining project approval from CALTRANS and regulatory agencies. The parties desire to amend the AGREEMENT for

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
STATE OF CALIFORNIA**

additional scope of services and budget needed to perform the necessary work to complete the engineering and environmental phases for the PROJECT.

Project & Bridge Numbers:

1. Railroad Avenue Bridge over Fornat Wash - (Br. No. 56C0099)
Project Number C4-0063 – BRLO -55956(228)
2. Railroad Avenue Bridge over East Channel Stubbe Wash (Br. No. 56C0101)
Project Number C4-0064 – BRLO- 5956(229)
3. Chuckwalla Valley Road Bridge over Aztec Ditch (Br. No. 56C0102)
Project Number C5-0058) – BRLO- 5956(239)
4. Chuckwalla Valley Road Bridge over Tarantula Ditch (Br. No. 56C0103)
Project Number C4-0062) – BRLO- 5956(227)
5. Chuckwalla Valley Road Bridge over Sutro Ditch (Br. No. 56C0104)
Project Number C4-0061) – BRLO- 5956(226)
6. Chuckwalla Valley Road Bridge over Acari Ditch (Br. No. 56C0108)
Project Number C4-0060) – BRLO- 5956(225)

Impact on Residents and Businesses

The new bridges will be designed in accordance with the latest state-of-the-art seismic and hydraulic design criteria and are expected to improve the safety and reliability of travel.

SUPPLEMENTAL:

Additional Fiscal Information:

Additional costs for performing the services have been assessed and compiled to compensate the CNS Engineers, Inc. through this Amendment No. 2 and will be funded with 100% of federal HBP funds.

| | |
|---|-----------------------|
| Original Contract for - Preliminary and Environmental Documentation | \$2,983,071.34 |
| Amendment No. 1 for - Agreement Time Extension | \$0 |
| Amendment No. 2 for – Additional Scope of Services | \$2,976,992.23 |
| Total Contract: | \$5,960,063.57 |

No County General Funds will be used.

ATTACHMENTS:

Vicinity Map

Engineering and Environmental Services Agreement - Amendment No. 2


Crystal Carrillo, Senior Management Analyst 5/6/2026


Aaron Gettis, Chief Deputy County Counsel 4/29/2026

AMENDMENT NO. 2

**TO THE ENGINEERING AND ENVIRONMENTAL SERVICES AGREEMENT FOR REPLACEMENT OF SIX
TIMBER BRIDGES ON CHUCKWALLA VALLEY ROAD AND RAILROAD AVENUE (BRIDGE NO.
56C0099, 56C0101, 56C0102, 56C0103, 56C0104, 56C0108) BETWEEN COUNTY OF RIVERSIDE •
TRANSPORTATION DEPARTMENT AND CNS ENGINEERS, INC.**

This Amendment No. 2 to the Engineering and Environmental Services Agreement for Replacement of Six Timber Bridges on Chuckwalla Valley Road and Railroad Avenue (Bridge No. 56C0099, 56C0101, 56C0102, 56C0103, 56C0104, 56C0108) (hereinafter the "Amendment No. 2") is made and entered into as of this 12 day of MAY, 2026, by and between the County of Riverside, a political subdivision of the State of California, (hereinafter the "COUNTY"), and CNS ENGINEERS, INC., a California corporation, (hereinafter the "ENGINEER").

RECITALS

A. COUNTY and ENGINEER have entered into an agreement titled "Engineering and Environmental Services Agreement for Replacement of Six Timber Bridges on Chuckwalla Valley Road and Railroad Avenue (Bridge No. 56C0099, 56C0101, 56C0102, 56C0103, 56C0104, 56C0108) between County of Riverside Transportation Department and CNS Engineers, Inc." that is dated October 23, 2018, Agenda Item 3.29 (hereinafter the "AGREEMENT"). The AGREEMENT provides the terms and conditions, scope of work, schedule, and budget for the performance of professional and technical services related to all phases of the PROJECT: (I) Preliminary Engineering/Environmental Clearance/Technical Report, (II) Plans, Specifications and Estimates (PS&E), (III) Construction Bidding and Award Support, and (IV) Design Support During Construction for the Replacement of Six Timber Bridges on Chuckwalla Valley Road and Railroad Avenue (Bridge No. 56C0099, 56C0101, 56C0102, 56C0103, 56C0104, 56C0108) (hereinafter the "PROJECT").

B. The PROJECT environmental technical studies revealed that Railroad Ave and Chuckwalla Valley Road were part of historic highways, potentially eligible for listing in National Register of Historic Places and California Register of Historical Resources. As a result, further evaluation and coordination was necessary,

Replacement of Six Timber Bridges on Chuckwalla Valley Road and Railroad Avenue

1 leading to additional PROJECT coordination and services in terms of obtaining PROJECT approval from
2 the California Department of Transportation (hereinafter "CALTRANS") and other regulatory agencies.

3 C. COUNTY and ENGINEER entered into an amendment titled "Amendment No. 1 to the Engineering and
4 Environmental Services Agreement for Replacement of Six Timber Bridges on Chuckwalla Valley Road
5 and Railroad Avenue (Bridge No. 56C0099, 56C0101, 56C0102, 56C0103, 56C0104, 56C0108) between
6 County of Riverside Transportation Department and CNS Engineers, Inc." that is dated June 25, 2024,
7 Agenda Item 3.78 (hereinafter the "Amendment No. 1"). Amendment No. 1 extended the schedule of
8 services of the AGREEMENT to complete the scope of services set forth in the AGREEMENT.

9 D. The complexities associated with the potential eligibility of these historic properties from environmental,
10 engineering evaluation, and documentation standpoint required additional project coordination, technical
11 analysis, and documentation. In addition to the new environmental findings, CALTRANS has updated the
12 bridge construction contract standards and federal funding and project approval guidelines. The new
13 guidelines require mandatory Bridge Type Selection approval from CALTRANS Head Quarters Structure
14 Local Assistance (SLA) for the bridge type selection and design.

15 E. Amendment No. 2 is needed to provide additional scope of services and costs for the additional
16 environmental documentation to assess the finding of two environmental cultural resources on Chuckwalla
17 Valley Road and Railroad Avenue to obtain project approval from CALTRANS and regulatory agencies and
18 modify the bridge design to comply with the new CALTRANS project approval process.

19 F. As a result of the above factors and findings, the PROJECT will require additional services in terms of
20 obtaining project approval from CALTRANS and regulatory agencies. The parties desire to amend the
21 AGREEMENT for additional scope of services and budget needed to perform the necessary work to
22 complete the engineering and environmental phases for the PROJECT.

23 G. This Amendment no. 2 provides additional funding to make the necessary revisions to complete additional
24 engineering and environmental tasks. This Amendment No. 2 will increase the funding as follows:

| | | |
|----|------------------------|-----------------------|
| 25 | Original Authorization | \$2,983,071.34 |
| 26 | Amendment No. 1 | \$0.00 |
| 27 | <u>Amendment No. 2</u> | <u>\$2,976,992.23</u> |

Revised Total Authorized

\$5,960,063.57

AGREEMENT

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, the parties agree as follows:

1. Appendix A • Scope of Services of the AGREEMENT is amended to include the additional and modified services as described in the attached Appendix 2A • Scope of Services of this Amendment No. 2 attached hereto and incorporated herein by this reference.
2. Article VI • Compensation and Appendix C • Article CV • Cost Proposal of the AGREEMENT are amended to increase the contract not to exceed amount by \$2,976,992.23 for a total not to exceed amount of \$5,960,063.57 in accordance with the attached Fee Proposal titled "Amendment No. 2 • Appendix 2C • REPLACEMENT OF SIX TIMBER BRIDGES ON CHUCKWALLA VALLEY ROAD AND RAILROAD AVENUE (BRIDGE NO. 56C0099, 56C0101, 56C0102, 56C0103, 56C0104, 56C0108) FEE PROPOSAL" attached hereto and incorporated herein.
3. Except to the extent specifically modified or amended hereunder, all the terms, covenants and conditions of the AGREEMENT shall remain in full force and effect between the parties hereto.
4. This Amendment No. 2 shall become effective upon signature of this Amendment No. 2 by both parties.
5. This Amendment No. 2 may be executed in any number of counterparts, each of which shall be an original, but all of which together shall constitute one and the same instrument. Each party to this Amendment No. 2 agrees to the use of electronic signatures, such as digital signatures that meet the requirements of the California Uniform Electronic Transactions Act ((“CUETA”) Cal. Civ. Code §§ 1633.1 to 1633.17), for executing this Amendment No. 2. The parties further agree that the electronic signatures of the parties included in this Amendment No. 2 are intended to authenticate this writing and to have the same force and effect as manual signatures. Electronic signature means an electronic sound, symbol, or process attached to or logically associated with an electronic record and executed or adopted by a person with the intent to sign the electronic record pursuant to the CUETA as amended from time to time. The CUETA authorizes use of an electronic signature for transactions and contracts among parties in California, including a government agency. Digital signature means an electronic identifier, created by computer, intended by the

Replacement of Six Timber Bridges on Chuckwalla Valley Road and Railroad Avenue

party using it to have the same force and effect as the use of a manual signature, and shall be reasonably
relied upon by the parties. For purposes of this section, a digital signature is a type of "electronic signature"
as defined in subdivision (i) of Section 1633.2 of the Civil Code.


IN WITNESS HEREOF, the parties hereto have caused this Amendment No. 2 to the AGREEMENT to be duly
executed this day and year first written above.

[SIGNATURE PAGE FOLLOWS]

APPROVALS

COUNTY Approvals

RECOMMENDED FOR APPROVAL:



Dennis Acuna
Director of Transportation

APPROVED AS TO FORM:
MINH C. TRAN
COUNTY COUNSEL

By 
DANIELLE MALAND
Deputy County Counsel

APPROVAL BY THE BOARD OF SUPERVISORS


KAREN SPIEGEL
PRINTED NAME
Chair, Riverside County Board of Supervisors

ATTEST:

KIMBERLY A. RECTOR
Clerk of the Board (SEAL)
DEPUTY

ENGINEER Approvals

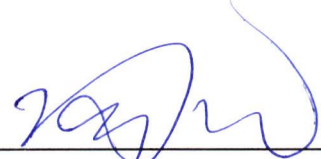
ENGINEER:


Dated: 3/31/2026

James J. Lu
PRINTED NAME

President
TITLE

ENGINEER:


Dated: 3/31/2026

Hui-Min Huang
PRINTED NAME

CFO
TITLE

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APPENDIX 2A – SCOPE OF SERVICES

ARTICLE AI • INTRODUCTION

A. PROJECT DESCRIPTION

No Change. See AGREEMENT.

B. LOCATION

No Change. See AGREEMENT.

C. COORDINATION

No Change. See AGREEMENT.

D. PHASES

No Change. See AGREEMENT.

E. STANDARDS

No Change. See AGREEMENT.

F. KEY PERSONNAL

The ENGINEER has represented to the COUNTY that certain key personnel will perform the services. If one or more of such personnel should become unavailable, ENGINEER may substitute other personnel of at least equal competence only after prior written approval by the COUNTY PROJECT MANAGER has been secured. The key personnel for the performance of this PROJECT are:

| <u>Assignment</u> | <u>Key Personnel</u> | |
|---|------------------------------------|---------------|
| Principal in Charge and Project Manager | James J. Lu (CNS) | |
| Roadway Engineer | Steve Hosford (CNS) | |
| Structures Engineer | Quyet Nguyen (CNS) | |
| Environmental Team Leader | Theresa Dickerson (WSP) | Changed since |
| | | AGREEMENT |
| QA/QC Engineer | James J. Lu (CNS). | |
| Cultural Study | Joan George (Applied EarthWorks) | Changed since |
| | | AGREEMENT |
| Biological Assessment | Brian Calvert (ICF Jones & Stokes) | |
| Drainage | Ceazar Aguilar (ACI) | |

| | | | |
|---|---------------------------------|------------------------------|---------------|
| 1 | Geotechnical Investigations | Curt Scheyhing (Group Delta) | |
| 2 | Water Quality | Chris Ogaz (CASC) | Changed since |
| 3 | | | AGREEMENT |
| 4 | Traffic Study | Min Zhou (KOA) | |
| 5 | Utility Relocation Coordination | Dave Moore (OPC) | Changed since |
| 6 | | | AGREEMENT |

G. COUNTY RESPONSIBILITIES

No Change. See AGREEMENT.

H. DELIVERABLES

No Change. See AGREEMENT.

ARTICLE AII • PROJECT TASKS LIST

1.1 PROJECT MANAGEMENT

Coordination and Communications

The ENGINEER shall provide coordination and communication with the COUNTY and the project development team during the extended project schedule. The AGREEMENT identified that the Project would be ready for construction on June 30, 2021. Due to the delay in environmental documentation associated with findings of historic eligibility of these two historic properties (Railroad Avenue and Chuckwalla Valley Road), and engineering design approval with CALTRANS associated with changes in funding guidelines and design standards the Project is estimated to be ready for construction on February 25, 2027.

Scheduling

The ENGINEER shall frequently update the project schedule in advance of each PDT meeting for up to one hundred and one (101) months versus the original assumption of thirty-three (33) months [an additional sixty-eight (68) months] in the AGREEMENT.

Budgeting

The ENGINEER shall monitor the project budget for design service and perform Earned Value Analysis monthly during the extended project schedule.

Project Administration

The ENGINEER shall administrate the project and prepare monthly invoices and progress reports during the

1 extended project schedule.

2 **Deliverable(s):**

- 3 • Updated Monthly Action Item Log, Updated Submittal/Deliverable Log, Updated Monthly Schedule,
4 Updated Monthly Progress Report and Invoice Package.

5 **1.2 PROJECT TEAM MEETINGS**

6 The AGREEMENT included forty-eight (48) monthly PDT meetings [30 meetings for Phase I and 18
7 meetings for Phase II], two (2) focus meetings with CALTRANS, and two (2) public informational meetings
8 for Phase I – PE/ED and Phase II – PS&E of the Project. To accommodate the extended Project schedule of
9 sixty-eight (68) months to complete the environmental NEPA and CEQA documentation, and engineering
10 Bridge Type Selection approval with CALTRANS Structures Local Assistance, the ENGINEER will attend
11 additional fifty-three (53) monthly PDT meetings, twenty (20) focus meetings, and six (6) topics resolution
12 meetings. These meetings include coordination with the design team, COUNTY, and CALTRANS on various
13 issues (environmental mitigation measures, cultural analyses and focus meetings, avoidance alternatives,
14 environmental process) that are necessary to help inform the environmental process and provide timely
15 updates on decisions regarding technical analyses.

16 **Deliverable(s):**

- 17 • Updated meeting notices, agendas, special exhibits and minutes

18 **1.3 QUALITY CONTROL AND QUALITY ASSURANCE (QC/QA)**

19 No Change. See AGREEMENT.

20 **PHASE I – PRELIMINARY ENGINEERING / ENVIRONMENTAL CLEARANCE / TECHNICAL REPORT**

21 **2.0 RESEARCH AND DATA GATHERING**

22 No Change. See AGREEMENT.

23 **2.1 COLLECT AND REVIEW EXISTING INFORMATION**

24 No Change. See AGREEMENT.

25 **2.2 CONDUCT FIELD REVIEW**

26 No Change. See AGREEMENT.

27 **3.0 PRELIMINARY ENGINEERING**

28 **3.1 TRAFFIC STUDIES (TECHNICAL MEMORANDUM / TRAFFIC SUMMARY)**

1 No Change. See AGREEMENT.

2 **3.2 PRELIMINARY UTILITY MAPPING**

3 No Change. See AGREEMENT.

4 **3.3 PERMITS**

5 No Change. See AGREEMENT.

6 **3.4 SURVEYING AND RIGHT-OF-WAY MAPPING (BY COUNTY)**

7 No Change. See AGREEMENT.

8 **3.5 PRELIMINARY GEOTECHNICAL STUDIES**

9 The AGREEMENT included preparation of Preliminary Foundation Reports for both Railroad Avenue and
10 Chuckwalla Valley Road projects to support COUNTY's bridge type section approval. The ENGINEER shall
11 attend the bridge type selection meetings and subsequent focus meetings for both projects with CALTRANS
12 to present the preliminary geotechnical design study and prepare additional geotechnical analysis requested
13 by CALTRANS. The ENGINEER shall also prepare responses to comments raised from the bridge type
14 selection meetings and update the Preliminary Foundation Reports (PFR's), which will be included in an
15 appendix of the revised Bridge Type Selection Reports for both the Railroad Avenue Bridges and the
16 Chuckwalla Valley Road Bridges. The additional meetings, technical analysis, and report revisions for the
17 bridge type selection approval with CALTRANS were not anticipated as part of the AGREEMENT and have
18 been included as part of AMENDMENT No. 2.

19 ***Deliverable(s):***

- 20 • Revised PFR's for Railroad Avenue Bridges and Chuckwalla Valley Road Bridges

21 **3.6 RIGHT-OF-WAY REQUIREMENTS MAP**

22 No Change. See AGREEMENT.

23 **3.7 GEOMETRIC APPROVAL DRAWINGS**

24 The AGREEMENT included preparation of roadway geometric approval drawings in 30% completion for both
25 Railroad Avenue and Chuckwalla Valley Road projects to support COUNTY's bridge type section approval.
26 The ENGINEER shall attend the bridge type selection meetings and subsequent focus meetings with
27 CALTRANS to present the preliminary roadway design and prepare additional geometric design modification
28 requested by CALTRANS for both projects. The ENGINEER shall also prepare responses to comments

1 raised from the bridge type selection meetings and update the Geometric Approval Drawings (GAD's), which
2 will be included in an appendix of the revised Bridge Type Selection Reports for both the Railroad Avenue
3 Bridges and the Chuckwalla Valley Road Bridges. The additional meetings and roadway design revision to
4 obtain bridge type selection approval with CALTRANS were not anticipated as part of the AGREEMENT and
5 have been included as part of AMENDMENT No. 2.

6 ***Deliverable(s):***

- 7 • Revised GAD's for Railroad Avenue Bridges and Chuckwalla Valley Road Bridges.
- 8 • Revised Type Selection report for Railroad Avenue Bridges and Chuckwalla Valley Road Bridges.

9 **3.8 STRUCTURE ADVANCE PLANNING STUDY**

10 No Change. See AGREEMENT.

11 **3.9 HYDROLOGIC, HYDRAULIC AND SCOUR STUDIES**

12 The AGREEMENT included preparation of hydraulic and scour study reports for both Railroad Avenue and
13 Chuckwalla Valley Road projects to support COUNTY's bridge type section approval. The ENGINEER shall
14 attend the bridge type selection meetings and subsequent focus meetings with CALTRANS to present the
15 preliminary hydraulic study and prepare additional hydraulic analysis requested by CALTRANS for both
16 projects. The ENGINEER shall also prepare responses to comments raised from the bridge type selection
17 meetings and update the Preliminary Hydraulic Reports (PHR's), which will be included in an appendix of the
18 revised Bridge Type Selection Reports for both the Railroad Avenue Bridges and the Chuckwalla Valley
19 Road Bridges. The additional meetings, technical analysis, and report revision to obtain bridge type selection
20 approval with CALTRANS were not anticipated as part of the AGREEMENT and have been included as part
21 of AMENDMENT No. 2.

22 ***Deliverable(s):***

- 23 • Revised PHR's for Railroad Avenue Bridges and Chuckwalla Valley Road Bridges

24 **3.10 ADVISORY AND MANDATORY FACT SHEETS**

25 No Change. See AGREEMENT.

26 **3.11 ENGINEER'S ESTIMATE**

27 No Change. See AGREEMENT.

28 **4.0 ENVIRONMENTAL CLEARANCE AND DOCUMENTATION**

1 No Change. See AGREEMENT.

2 **4.1 PROJECT INITIATION**

3 No Change. See AGREEMENT.

4 **4.2 PRELIMINARY ENVIRONMENTAL STUDY (PES)**

5 No Change. See AGREEMENT.

6 **4.3 TECHNICAL STUDIES**

7 No Change. See AGREEMENT.

8 **4.3.1 HAZARDOUS WASTE (INITIAL SITE ASSESSMENT)**

9 The ENGINEER prepared an Initial Site Assessment (ISA) for Railroad Avenue and Chuckwalla Valley
10 Road projects as included in the AGREEMENT. The ISAs were reviewed and approved by CALTRANS in
11 September 2019 for both projects. Per CALTRANS requirement an ISA is valid for one year from date of
12 approval and were required to be updated prior to issuance of NEPA clearance. Therefore, the ENGINEER
13 shall obtain an updated Environmental Database Report (EDR) and conduct a site survey at Railroad
14 Avenue and Chuckwalla Valley Road project sites and prepare supplemental reports for CALTRANS
15 approval. The Supplemental ISA Reports are part of AMENDMENT No. 2 because it was not anticipated as
16 part of the AGREEMENT.

17 ***Deliverable(s):***

- 18
 - Supplemental ISA Reports for Railroad Avenue Bridges and Chuckwalla Valley Road Bridges

19 **4.3.2 PRELIMINARY SITE ASSESSMENT (STEP-2)**

20 No Change. See AGREEMENT.

21 **4.3.3 WATER QUALITY ASSESSMENT STUDIES**

22 No Change. See AGREEMENT.

23 **4.3.4 NATURAL ENVIRONMENTAL STUDY**

24 No Change. See AGREEMENT.

25 **4.3.5 WETLAND DELINEATION AND ASSESSMENT**

26 The AGREEMENT included preparation of Jurisdictional Delineations for the Chuckwalla Valley Road and
27 Railroad Avenue projects that were completed in 2019. In an effort to account for changing regulatory
28 permitting procedures and requirements related to the regulatory permitting applications identified in Task

1 6.0 Permitting, two qualified delineators shall review the existing jurisdictional delineation data and perform a
2 site visit to verify that jurisdictional limits and conditions have not changed or update the delineation data, if
3 required.

4 The study area is assumed to be the same study included in the 2019 data and associate reports. Any
5 updates to the delineation data in the field shall be captured using sub-meter GPS accuracy to precisely
6 delineate the boundaries of regulatory agency jurisdiction and resource types. Any new delineation data shall
7 assess potential aquatic resources pursuant to Sections 404 and 401 of the Clean Water Act, the Porter-
8 Cologne Water Quality Control Act and Section 1602 of the California Fish and Game Code, utilizing the
9 procedures and practices in current publications and regulatory agency guidance documents, such as the
10 USACE Wetland Delineation Manual (1987) and the USACE Regional Supplement to the Wetland
11 Delineation Manual, Arid West Region, Version 2.0 (2008) and other current guidance and standard
12 practices from each regulatory agency.

13 If conditions have changed, data points such as wetland data points and ordinary high water mark points
14 shall be collected and updated photos and photo points shall be collected to document any changes. Prior to
15 the field visit, a review of applicable literature and mapping shall be conducted to identify potential changes
16 to aquatic resources located in the study area.

17 Following completion of the field visit, a Jurisdictional Delineation Update Memo shall be prepared to
18 document whether changes occurred within the study area and to provide the required level of detail for any
19 features where changes were observed. If changes were observed, results for those updated features shall
20 be presented in tables and figures. Figures prepared for the report shall include maps depicting the location
21 of the survey effort and any findings.

22 *ACOE Approved Jurisdictional Determination Request*

23 The ENGINEER shall prepare a request for an Approved Jurisdictional Determination from the USACE to
24 confirm that the features identified within the study area are not subject to federal jurisdiction under Sections
25 404 and 401 of the Clean Water Act. The request will consist of the previously prepared 2019 Jurisdictional
26 Delineation Report, the Jurisdictional Delineation Update Memorandum, the USACE ORM spreadsheet, the
27 request for an Approved Jurisdictional Determination, and the supporting GIS data.

28 The Jurisdictional Delineation Update Memo and coordination for approval with USACE are beyond what

1 was included in the AGREEMENT and have been included as part of AMENDMENT No. 2.

2 **Deliverable(s):**

- 3 • Request for ACOE to approve Jurisdictional Determination with applicable attachments
- 4 • Jurisdictional Delineation Update Memo

5 **4.3.6 SECTION 4(f) EVALUATION (INDIVIDUAL FINDING)**

6 Railroad Avenue Bridge over East Channel Stubbe Wash

7 The AGREEMENT included preparation of a total of four (4) drafts of the technical Section 4(f) Evaluation
8 Report, including responses to comments from the COUNTY and CALTRANS to address potential
9 recreational and cultural impacts to the Pacific Crest Trail (PCT) that runs along East Channel Stubbe Wash
10 underneath and across the Railroad Avenue Bridge. The Section 4(f) Evaluation resulted in a De Minimis
11 Impact Determination, which was identified as one potential level of documentation in the AGREEMENT. In
12 October 2021 the Section 4(f) Evaluation Report was updated to ensure consistency with the Historic
13 Property Survey Report (HPSR) and Finding of Effect (FOE). The HPSR and FOE required revisions based
14 on comments received from CALTRANS and their direction to revise the approach for documenting the
15 Pacific Crest Trail (PCT). Between December 2021 and June 2022, prior to public circulation, an additional
16 five (5) drafts of the Section 4(f) Evaluation Report were prepared in response to comments from the
17 COUNTY and CALTRANS. The five (5) additional reviews and revisions were beyond what was included in
18 the AGREEMENT and have been included as part of AMENDMENT No. 2

19 A final version of the Section 4(f) Evaluation was prepared and circulated for public review and comment.
20 Public circulation of the Section 4(f) Evaluation is required to fulfill Caltrans obligation under Section 4(f) to
21 notify the public of the intent to adopt a U.S. Department of Transportation Act, Section 4(f) De Minimis
22 Finding. On behalf of CALTRANS and COUNTY, the ENGINEER prepared public notices for the circulation
23 and posted the notices at the project site. The public notice and posting efforts were beyond what was
24 included in the AGREEMENT and have been included as part of AMENDMENT No. 2.

25 **Deliverable(s):**

- 26 • Draft Section 4(f) Evaluation (five [5] additional drafts) for the Railroad Avenue Bridge over East
27 Channel Stubbe Wash
- 28 • Public Notice including Posting at the Railroad Avenue Project Site at East Channel Stubbe Wash

1 Chuckwalla Valley Road Bridges

2 The AGREEMENT assumed that the bridges associated with Chuckwalla Valley Road would be found
3 eligible for listing on the National Register of Historic Places (NRHP), which indicates the bridges would
4 officially be recognized as historically significant and worthy of preservation, and if the bridges were found
5 eligible for the NRHP, CALTRANS may determine the bridges qualify as Section 4(f) resources. Based on
6 the scope provided in the AGREEMENT for Chuckwalla Valley Road, it was assumed that an Individual
7 Section 4(f) Evaluation was intended to be prepared inclusive of Drafts and Final.

8 Chuckwalla Valley Road was determined to be eligible for listing in the NRHP, and the four existing bridges
9 and their associated ditches and dikes were determined eligible for listing in the NRHP and California
10 Register of Historical Resources (CRHR) as contributing elements (character-defining features) of
11 Chuckwalla Valley Road. The determination of eligibility for listing in the NRHP and CRHR qualified
12 Chuckwalla Valley Road, and the four (4) bridges as contributing features, as Section 4(f) Resources
13 Replacing the four existing bridges would result in a direct use of these Section 4(f) resources, which
14 requires an Individual Section 4(f) Evaluation. The potential for an Individual Section 4(f) Evaluation was
15 identified in the AGREEMENT. To expedite the schedule for the Chuckwalla Valley Road Bridges project,
16 ENGINEER prepared the Section 4(f) Evaluation under this task concurrently with preparation of the Cultural
17 Resources Reports under Task 4.3.8 Cultural Resources Study (APE/ASR/HRER/HPSR). This concurrent
18 preparation approach resulted in additional time and budget needed to update the Individual Section 4(f)
19 Evaluation regularly to ensure consistency with the latest Cultural Resources Reports.

20 As a result of the additional work required under Task 4.3.8 Cultural Resources Study
21 (APE/ASR/HRER/HPSR) along with updates to the analyses, referenced resources, and alternatives
22 discussion, the Individual Section 4(f) Evaluation for Chuckwalla Valley Road Bridges required additional
23 rounds of revisions and internal reviews that were not accounted for in the AGREEMENT. This resulted in a
24 total of five (5) drafts, three (3) versions reviewed by COUNTY and two (2) versions reviewed by
25 CALTRANS. One (1) of the five (5) drafts for the individual Section 4(f) Evaluation is beyond what was
26 included in the AGREEMENT and has been included as part of AMENDMENT No. 2.

27 ***Deliverable(s):***

- 28
 - Draft Section 4(f) Evaluation (one [1] additional draft) for Chuckwalla Valley Road Bridges

1 **4.3.7 VISUAL RESOURCES (MINOR VISUAL IMPACT ASSESSMENT)**

2 No Change. See AGREEMENT.

3 **4.3.8 CULTURAL RESOURCES STUDY (APE/ASR/HRER/HPSR)**

4 Railroad Avenue Bridges

5 The AGREEMENT included preparation of a total of four (4) drafts of the Archaeological Survey Report
6 (ASR), Historic Resources Evaluation Report (HRER), and Historic Property Survey Report (HPSR) before
7 submitting a final approved document. Additionally, two (2) Step-2 tasks were also included in the event the
8 Project resulted in an Adverse Effect to built-environment historic properties – Application of Criteria of
9 Adverse Effect resulting in a Finding of Effect (FOE) Report and preparation of a Memorandum of Agreement
10 (MOA).

11 In November 2019, during an AB52 consultation meeting with the Morongo Band of Mission Indians for the
12 Chuckwalla Valley Road Bridges, discussion led to the Tribe's boundary related to Railroad Avenue. The
13 discussion resulted in the understanding that the Tribe's boundary overlaps the roadway, and that work
14 proposed within the roadway or shoulders required coordination with the Tribe. This understanding led to
15 coordination with the Tribe for permission to survey on reservation lands and with the Bureau of Indian
16 Affairs (BIA) regarding the need for an Archaeological Resources Protection Act (ARPA) permit. The
17 coordination also included efforts to ensure tribal monitors would be on-site during shoulder and roadway
18 surveys. Additionally, the ASR and HPSR were revised to include the survey methods and results. The
19 additional coordination and documentation efforts were beyond what was included in the AGREEMENT and
20 have been added to the scope of AMENDMENT No. 2.

21 In early 2020, the approach for documenting the Pacific Crest Trail (PCT) associated with the Railroad
22 Avenue Bridges and the 150-mile segment of U.S. Highway 60/70 associated with the Chuckwalla Valley
23 Road Bridges was changed per CALTRANS direction to align more closely with recent changes in how the
24 California State Historic Preservation Officer (SHPO) prefers linear resources to be evaluated. Concurrently
25 with this change, ENGINEER was instructed by CALTRANS to follow a step-by-step process for submitting
26 cultural reports so that SHPO could provide concurrence on the eligibility of Hwy 60/70 associated with the
27 Chuckwalla Valley Avenue Bridges prior to submitting the cultural reports for Railroad Avenue Bridges. This
28 change in approach resulted in a total of nine (9) draft submittals [four (4) per AGREEMENT plus five (5)

1 drafts], revised documentation and reevaluation of the PCT and a 150-mile segment of U.S. Hwy 60/70, and
2 substantial effort to coordinate the cultural analyses between the COUNTY's other project (Ragsdale Road
3 Bridge Preventative Maintenance Program [BPMP] Project). This effort was beyond what was included in the
4 AGREEMENT and has been included as part of AMENDMENT No. 2.

5 ***Deliverable(s):***

- 6 • Draft ASR/HRER/HPSR (five [5] additional drafts) for the Railroad Avenue Bridges

7 *Chuckwalla Valley Road Bridges*

8 The AGREEMENT included preparation of a total of four (4) drafts of the technical reports (Archaeological
9 Survey Report [ASR], Historic Resources Evaluation Report [HRER], and Historic Property Survey Report
10 [HPSR] before submitting a final approved document. Additionally, two (2) Step-2 tasks were also included in
11 the event the Project resulted in an Adverse Effect to built-environment historic properties – Application of
12 Criteria of Adverse Effect resulting in a Finding of Effect (FOE) Report and preparation of a Memorandum of
13 Agreement (MOA).

14 In early 2020, the approach for documenting U.S. Highway 60/70 was changed to align more closely with
15 recent changes in how SHPO prefers linear resources to be evaluated. Concurrent with this change,
16 ENGINEER was instructed by CALTRANS to follow a step-by-step process for submittal of the cultural
17 reports so that SHPO could provide concurrence on the eligibility of Hwy 60/70 for Chuckwalla Valley Road
18 prior to the COUNTY submitting the cultural reports for Railroad Avenue Bridges and the separate Ragsdale
19 Road BPMP project. This change in approach resulted in a total of thirteen (13) draft submittals [four (4) per
20 AGREEMENT, plus nine (9) additional drafts] and substantial effort to coordinate the cultural analyses with
21 CALTRANS, collaborate with the COUNTY's separate Ragsdale Road BPMP project team, and revisions to
22 the technical reports. Further, resurveying of the entire Chuckwalla Valley Road within the project limits and
23 updating documentation for Chuckwalla Valley Road to confirm Bureau of Land Management's previous
24 determination of eligibility was required. Additionally, beginning in 2022, the ENGINEER has continued to
25 work through CALTRANS's concerns regarding the Build Alternative for the four bridges on Chuckwalla
26 Valley Road and justification for not proceeding with replacement in kind (i.e., using the same timber
27 materials for the replacement bridges) or rehabilitation. The ENGINEER also conducted several rounds of
28 review (eleven [11] rounds of review, nine (9) submittals, plus two (2) separate requests for draft language

1 reviews) and held six (6) focus meetings to discuss the cultural approach and findings. These efforts were
2 beyond what was included in the AGREEMENT and have been included as part of AMENDMENT No. 2.

3 ***Deliverable(s):***

- 4 • Draft ASR/HRER/HPSR (nine [9] additional drafts) for the Chuckwalla Valley Road Bridges

5 **4.3.9A FINDING OF EFFECT (FOE) (STEP-2)**

6 The AGREEMENT included preparation of up to two (2) Finding of Effect documents for SHPO review and
7 approval (one for each project – Railroad Avenue Bridges and Chuckwalla Valley Road Bridges). The
8 AGREEMENT included preparation of three (3) drafts and one (1) final for concurrence and two (2) rounds of
9 review by CALTRANS before submitting an approved final for the files.

10 *Railroad Avenue Bridges*

11 As a result of some inconsistencies in review comments and requests for specific language changes in the
12 FOE, a total of five (5) drafts were prepared, and four (4) rounds of CALTRANS review comments were
13 addressed by the ENGINEER. The two (2) additional drafts of the FOE and two (2) additional rounds of
14 responses to review comments were beyond what was included in the AGREEMENT and have been
15 included as part of AMENDMENT No. 2.

16 ***Deliverable(s):***

- 17 • Draft FOE (two [2] additional drafts) for the Railroad Avenue Bridges
- 18 • Responses to CALTRANS comments (two [2] additional sets of responses) for the Railroad Avenue
19 Bridges

20 *Chuckwalla Valley Road Bridges*

21 In late 2021, CALTRANS provided comments on the alternatives analysis in the combined draft
22 CEQA/NEPA environmental document, specifically regarding the replacement-in-kind alternative and its
23 potential viability as an alternative to the Project. The comments required the ENGINEER to develop a more
24 thorough, engineering-based discussion highlighting the limitations of the replacement-in-kind alternative.
25 This effort included additional research, data gathering, and revisions to the original discussion. Similar
26 comments were received on the FOE in early 2022, which resulted in updates to the draft FOE and a
27 consistency check of the combined draft CEQA/NEPA environmental documents. Additional comments from
28 CALTRANS requesting specific language changes resulted in five (5) drafts and four (4) rounds of review

1 comments addressed by the ENGINEER. The two (2) additional drafts of the FOE and two (2) additional
2 rounds of responses to review comments were beyond what was included in the AGREEMENT and have
3 been added to the scope of AMENDMENT No. 2.

4 ***Deliverable(s):***

- 5 • Alternatives discussion for inclusion in FOE for the Chuckwalla Valley Road Bridges
- 6 • Draft FOE (two [2] additional drafts) for the Chuckwalla Valley Road Bridges
- 7 • Responses to CALTRANS comments (two [2] additional sets of responses) for the Chuckwalla
8 Valley Road Bridges

9 **4.3.9B SECTION 106 MEMORANDUM OF AGREEMENT (MOA) (STEP-2)**

10 No Change. See AGREEMENT.

11 **4.3.10 CEQA NOTICE OF EXEMPTION (NOE)**

12 The AGREEMENT included the preparation of a CEQA Notice of Exemption (NOE) (one for each project -
13 Railroad Avenue Bridges and Chuckwalla Valley Road Bridges). Neither project resulted in a CEQA NOE.
14 Section 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) discusses the
15 environmental documents that were prepared for the Projects.

16 *Railroad Avenue Bridges*

17 Due to the need for compensatory mitigation for impacts to Waters of the U.S. and State and in reviewing
18 on-going COUNTY bridge projects, plus taking into consideration recent experience with regulatory agencies
19 not accepting a CEQA Categorical Exemption during the permitting phase, the CEQA documentation for
20 Railroad Avenue Bridges was elevated from a CEQA CE to an Initial Study (IS).

21 *Chuckwalla Valley Road Bridges*

22 Because Chuckwalla Valley Road was determined eligible for listing in the NRHP and CRHR, demolition of
23 the four subject bridges had the potential to cause a substantial adverse change in the significance of a
24 historical resource (Chuckwalla Valley Road). This potential effect is one of the exceptions to the use of a
25 CEQA exemption. Therefore, the Project no longer qualified for a Categorical Exemption and the preparation
26 of a CEQA IS was required.

27 **4.4 Not Used**

28 The AGREEMENT omitted Task 4.4.

1 **4.5 CEQA/NEPA INITIAL STUDY / ENVIRONMENTAL ASSESSMENT (IS/EA) (STEP-2)**

2 The AGREEMENT stated that in the case the cultural analyses conducted in support of the Project indicate
3 that the proposed action would have an adverse effect on cultural resources, the ENGINEER shall prepare a
4 combined Initial Study/Environmental Assessment (IS/EA) in compliance with CEQA and NEPA.

5 Railroad Avenue Bridges

6 The cultural analysis for the Railroad Avenue Briges identified one historic resource, the Pacific Crest Trail
7 (PCT), within the cultural Area of Potential Effect (APE). PCT is considered significant at the national level as
8 a world-renowned National Scenic Trail. The portion of the PCT within the Railroad Avenue Bridges' cultural
9 APE retains sufficient integrity to convey its significance as a contributing element of the PCT. The Project
10 was determined to not result in an Adverse Effect to the PCT, and the State Historic Preservation Officer
11 (SHPO) concurred with that determination on June 7, 2022. However, as stated above in Section 4.3.10
12 CEQA Notice of Exemption (NOE), Railroad Avenue Bridges would have an impact on Waters of the U.S.
13 and State. The impact was determined to require compensatory mitigation to meet the 'no net loss'
14 requirement of the regulatory agencies, therefore excluding it from the use of an exemption under CEQA.
15 The CEQA document was elevated to an IS to facilitate obtaining regulatory permits during the final design.
16 The NEPA document remained a Categorical Exclusion (CE).

17 Chuckwalla Valley Road Bridges

18 As stated in Section 4.3.10 CEQA Notice of Exemption (NOE), the cultural analysis for Chuckwalla Valley
19 Road identified the road and the four subject bridges (contributing elements) as eligible for listing in the
20 NRHP and CRHR. On October 26, 2021, SHPO concurred with the eligibility finding for Chuckwalla Valley
21 Road. Due to the potential for the Project to result in an adverse effect on Chuckwalla Valley Road, an
22 eligible resource, a CEQA Initial Study (IS) and NEPA Environmental Assessment (EA) were prepared for
23 the Project.

24 **4.5.1 ADMINISTRATIVE DRAFT IS/EA**

25 The AGREEMENT included the preparation of a combined Initial Study/Environmental Assessment (IS/EA)
26 in compliance with CEQA and NEPA in the case that the cultural analysis indicated that the Project would
27 have an adverse effect on cultural resources.

28 Railroad Avenue Bridges

1 As noted above in Section 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2), the
2 Railroad Avenue Bridges Project was determined to not result in an Adverse Effect on the one historic
3 resource identified within the APE, the Pacific Crest Trail (PCT). Therefore, the Project qualified for a NEPA
4 Categorical Exclusion (CE). Due to the Project's impact on Waters of the U.S. and State in addition to the
5 Project requiring compensatory mitigation to meet the 'no net loss' requirement of the regulatory agencies
6 the CEQA document was elevated to an IS to facilitate obtaining regulatory permits during the final design.
7 The AGREEMENT included two (2) rounds of review of the IS by the COUNTY (Initial Administrative Draft,
8 Backcheck Administrative Draft).

9 Per the AGREEMENT the IS was prepared concurrent with the preparation of technical studies. Between
10 January 2022 and May 2022, the ENGINEER continued to work with COUNTY and CALTRANS on
11 documenting U.S. Highway 60/70, to determine its potential eligibility for listing in the NRHP and CRHR and
12 resolving comments on the cultural reports. All issues related to the cultural reports affected the
13 environmental document for Railroad Avenue Bridges. The initial administrative draft of the IS was submitted
14 to the County in July 2022. The document was revised based on comments received from the COUNTY in
15 August 2022. However, because the Chuckwalla Valley Road cultural reports and IS were advancing before
16 the Railroad Avenue IS, another round of revisions to the Railroad Avenue IS was needed in March 2023 to
17 incorporate relevant COUNTY comments on the Chuckwalla Valley Road IS prior to being resubmitted for
18 backcheck in March of 2023. To help offset the schedule delay caused by sequential submittal of the
19 Project's cultural reports the Railroad Avenue IS was updated on a rolling basis so it remained consistent
20 with the cultural reports and Chuckwalla Valley Road IS and would be ready for submittal as soon as the
21 cultural findings for Chuckwalla Valley Road were completed. The schedule delay and additional revisions
22 (six [6] additional internal updates and one [1] additional revision) to address a second set of comments from
23 the COUNTY related to Chuckwalla Valley Road IS, but also relevant to Railroad Avenue IS, were beyond
24 what was included in the AGREEMENT and have been added to the scope of AMENDMENT No. 2.

25 ***Deliverable(s):***

- 26 • Revised Draft Initial Study (six [6] additional internal updates, and one [1] additional revision to
27 address second set of COUNTY comments)
- 28 • Revised Responses to COUNTY comments (incorporating relevant comments from Chuckwalla

1 Valley Road IS)

2 Chuckwalla Valley Road Bridges

3 As noted above in Section 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2),
4 Chuckwalla Valley Road (and the four subject bridges) were determined eligible for listing in the NRHP and
5 CRHR and demolition of the four subject bridges was determined to have an adverse effect on Chuckwalla
6 Valley Road, a historic resource. Therefore, an IS/EA was prepared for the Project. The AGREEMENT
7 included two (2) rounds of review by the COUNTY (Initial Administrative Draft, Backcheck Administrative
8 Draft) prior to the official submittal to CALTRANS.

9 The initial Administrative Draft IS/EA was submitted to the County in June 2021. The document was revised
10 based on comments received from the COUNTY in July 2021. The Backcheck Administrative Draft was
11 submitted to the COUNTY in September 2021. The COUNTY provided a second and third set of comments
12 prior to approving the document for submittal to CALTRANS. The ENGINEER provided a third and fourth
13 backcheck Administrative Draft including responses to COUNTY'S comments. The Administrative Draft
14 IS/EA was officially submitted to CALTRANS in December 2021 along with an external QC Certification and
15 ED Review Checklist. The two (2) additional rounds of review by the COUNTY and responses to comments
16 were beyond what was included in the AGREEMENT and have been added to the scope of AMENDMENT
17 No. 2.

18 ***Deliverable(s):***

- 19 • Revised Backcheck Administrative Draft IS/EA (additional 3rd draft)
- 20 • Responses to COUNTY comments (additional 2nd set)
- 21 • Revised Backcheck Administrative Draft IS/EA (additional 4th draft)
- 22 • Responses to COUNTY comments (additional 3rd set)

23 **4.5.2 DRAFT IS/EA FOR PUBLIC REVIEW**

24 Railroad Avenue Bridges

25 As noted in Section 4.5.1 Administrative Draft IS/EA, Railroad Avenue Bridges Project qualifies as an
26 excluded undertaking per NEPA; therefore, preparation of an Environmental Assessment (EA) was not
27 required. Likewise, the Project also qualifies as an exempt undertaking per CEQA and none of the
28 exceptions to CEQA apply. However, as noted in Section 4.5.1 Administrative Draft IS/EA, due to the

1 Project's impact on Waters of the U.S. and State in addition to the Project requiring compensatory mitigation
2 to meet the 'no net loss' requirement of the regulatory agencies the CEQA document was elevated to an IS
3 to facilitate obtaining regulatory permits during the final design. A permit for impacts to Waters of the U.S.
4 and State will be required for the Project.

5 The AGREEMENT included revisions to the Administrative Draft IS per review comments and preparation of
6 a Draft IS for approval to circulate for public review (two [2] drafts – revised Admin Draft, Circulation Draft).
7 Per the AGREEMENT the Administrative Draft IS was revised and resubmitted to the COUNTY in May 2023
8 with supporting responses to comments. A circulation draft was prepared and submitted to the COUNTY for
9 approval in June 2023. Additionally, draft notices and required filing with COUNTY Clerk and State
10 Clearinghouse were completed.

11 Public circulation of the Draft CEQA IS in the AGREEMENT included preparation of public notices (Notice of
12 Intent and Notice of Availability), posting notices to local newspapers, mailing notices to adjacent property
13 owners (via certified mail). Additionally, the ENGINEER shall develop a PowerPoint presentation and
14 facilitate one (1) virtual public meeting. Facilitation of a virtual public meeting and development of supporting
15 materials were beyond what was included in the AGREEMENT and have been added to the scope of
16 AMENDMENT No. 2.

17 ***Deliverable(s):***

- 18 • Draft and Final PowerPoint Presentation for CEQA Initial Study
- 19 • English recording of Public Meeting for CEQA Initial Study

20 ***Chuckwalla Valley Road Bridges***

21 The AGREEMENT included revisions to the Administrative Draft IS/EA per agency review comments and
22 preparation of a Draft IS/EA for approval to circulate for public review (two [2] drafts – revised Admin Draft,
23 Circulation Draft). The Administrative Draft IS/EA was submitted to CALTRANS in December 2021 along
24 with CALTRANS Environmental Document Review Checklist and External Readiness Certification.
25 Comments received from CALTRANS in January 2022 regarding the adverse effect finding under Section
26 106 and the correlated significance finding under CEQA led to discussions between ENGINEER, COUNTY
27 and CALTRANS regarding the feasibility of design options and mitigation measures for impacts to
28 Chuckwalla Valley Road Bridges. The discussions also included whether a CEQA IS and NEPA EA were

1 appropriate for the Project. Based on these discussions it was determined that an EIR under CEQA would be
2 prepared, but that the EA under NEPA was the appropriate documentation. To keep the NEPA process on
3 schedule, it was determined that the combined CEQA/NEPA document for Chuckwalla Valley Road Bridges
4 would be split. A standalone EIR would be prepared under CEQA (refer to Task 4.6), and a separate
5 standalone EA would be processed with CALTRANS under NEPA. This change in direction required
6 substantial revisions to the existing combined CEQA/NEPA document to develop two standalone
7 documents.

8 Per the AGREEMENT the Administrative Draft EA was revised based on review comments from
9 CALTRANS. The EA was submitted for COUNTY review in May 2023. The EA was revised based on
10 COUNTY comments and resubmitted to COUNTY for review in September 2023 (3rd draft). Between
11 September 2023 and March 2024, the EA was revised several times in response to COUNTY comments (4
12 drafts). A Circulation Draft of the EA was submitted to CALTRANS for approval in March 2024. Between
13 March 2024 and January 2025, the EA was revised three (3) additional times in response to CALTRANS and
14 COUNTY comments. A revised Circulation Draft of the EA was submitted to CALTRANS in January 2025
15 and revised again in March 2025 in response to CALTRANS comments.

16 In conjunction with revisions to the EA, the ENGINEER also substantially revised and updated the CEQA IS
17 to create a more robust document in support of the CEQA Notice of Preparation (NOP). The standalone IS
18 was submitted to the COUNTY in December of 2022. Between December 2022 and August 2023 when the
19 IS was approved for circulation the document was revised six (6) times based on COUNTY and COUNTY
20 COUNSEL review comments.

21 The efforts required to develop two standalone documents, facilitate coordination between COUNTY and
22 CALTRANS regarding CEQA/NEPA findings, and respond to additional rounds of COUNTY and CALTRANS
23 reviews was beyond what was included in the AGREEMENT and have been added to the scope of
24 AMENDMENT No. 2. Additional tasks besides the tasks listed in the AGREEMENT are summarized as
25 follows:

- 26 • Prepare additional drafts of the EA.
- 27 • Respond to additional rounds of reviews.
- 28 • Coordinate with COUNTY and CALTRANS regarding CEQA cultural findings.

- 1 • Split a combined CEQA/NEPA document into two standalone documents.
- 2 • Update the Section 4(f) Evaluation to address CALTRANS comments related to avoidance
- 3 alternatives.
- 4 • Ensure consistency between the NEPA EA and CEQA IS.
- 5 • The Draft IS was circulated with the CEQA Notice of Preparation (NOP). Task 4.6.1 covers
- 6 preparing the NOP and distributing the IS.

7 ***Deliverable(s):***

- 8 • Revised Circulation Draft EA/FONSI and ECR with Responses to Comments (eleven [11] additional
- 9 drafts)
- 10 • Revised Circulation Draft IS with Responses to Comments (six [6] additional drafts)

11 **4.5.3 PUBLIC REVIEW**

12 No Change. See AGREEMENT.

13 **4.5.4 DRAFT MITIGATED NEGATIVE DECLARATION / FINDING OF NO SIGNIFICANT IMPACT**
14 **(MND/FONSI)**

15 The AGREEMENT included coordination with the COUNTY and CALTRANS staff to review public comments
16 and develop a framework and strategy for preparing responses to public comments. This task also includes
17 preparing written responses to comments on the draft IS/EA. Responses to public comments received on the
18 IS/EA were to be incorporated into the draft Mitigated Negative Declaration (MND)/Finding of No Significant
19 Impact (FONSI).

20 ***Railroad Avenue Bridges***

21 COUNTY received 18 comment letters on the draft IS for the Railroad Avenue Bridges Project. Most of the
22 comments received were regarding the biological analysis and related mitigation measures which required
23 extensive coordination with the Project biologists. In addition, comments received on the Chuckwalla Valley
24 Road Notice of Preparation (NOP) with attached Initial Study regarding biological findings and related
25 mitigation measures were considered for their relevance to the Railroad Avenue Project. ENGINEER
26 conferred with the COUNTY and Project biologists over several months (6) to develop appropriate responses
27 to agency and public comments. In addition, ENGINEER responded to four (4) rounds of comments from
28 COUNTY on the responses to public comments and revised the draft IS/MND accordingly prior to completing

1 a final draft IS/MND with attached responses to public comments. ENGINEER also expended significant
2 effort to ensure consistency between the Railroad Avenue IS/MND and Chuckwalla Valley Road EA and EIR
3 based on comments received on the Railroad Avenue IS/MND and Chuckwalla Valley Road NOP. These
4 coordination efforts, rounds of reviews, and consistency checks were beyond what was included in the
5 AGREEMENT and have been added to the scope of AMENDMENT No. 2.

6 ***Deliverable(s):***

- 7 • Revised Draft Responses to Public Comments (three [3] additional drafts)

8 Chuckwalla Valley Road Bridges

9 A NEPA EA was prepared for the Project. The AGREEMENT included one round of responses to public
10 comments on a combined IS/EA. It is anticipated that comments received on the NEPA EA will be equivalent
11 to those received on the Railroad Avenue IS and will require a similar effort to that expended for Railroad
12 Avenue Bridges. Based on the efforts expended for the Railroad Avenue IS it is expected that the efforts for
13 the Chuckwalla Valley Road EA under this task will exceed what was included in the AGREEMENT and have
14 been added to the scope of AMENDMENT No. 2.

15 ***Deliverable(s):***

- 16 • Revised Draft Responses to Public Comments (three [3] additional drafts)

17 **4.5.5 FINAL MND/FONSI**

18 No Change. See AGREEMENT.

19 **4.6 CEQA ENVIRONMENTAL IMPACT REPORT (EIR) – CHUCKWALLA VALLEY ROAD BRIDGES**

20 In March 2022, CALTRANS's comments on the draft IS/EA for Chuckwalla Valley Road Bridges regarding
21 the cultural adverse effect under Section 106 initiated several internal discussions, as well as discussions
22 with CALTRANS cultural staff regarding the Secretary of the Interior's Standards for Rehabilitation, viability
23 of avoidance alternatives, and options for mitigation. It was concluded that other options for bridge
24 replacement were not viable, and that replacement may have a potentially significant effect under CEQA;
25 therefore, it was determined that an Environmental Impact Report (EIR) would need to be prepared.

26 This new scope was not previously included in the AGREEMENT and is in response to the initial CEQA
27 findings for Chuckwalla Valley Road under cultural resources and subsequent determination that the Project
28 could potentially result in a significant impact to cultural resources. Below are the sub-tasks and deliverables

1 that are included as part of new scope added to AMENDMENT No. 2.

2 **4.6.1 NOTICE OF PREPARATION (NOP) FOR EIR- CHUCKWALLA VALLEY ROAD BRIDGES**

3 The ENGINEER shall prepare a Notice of Preparation (NOP) and a distribution list consistent with CEQA
4 guidelines 15082(a)(1) and COUNTY requirements. In addition, the ENGINEER shall prepare a standalone
5 Initial Study (IS) for attachment to the NOP per Task 4.5.2 Draft IS/EA for Public Review. This new scope is
6 part of AMENDMENT No. 2 because it was not previously included in the AGREEMENT.

7 ***Deliverable(s):***

- 8 • Draft, Revised Draft, and Final Notice of Preparation
- 9 • Draft, Revised Draft, and Final Distribution List

10 **4.6.2 ADMINISTRATIVE DRAFT ENVIRONMENTAL IMPACT REPORT (EIR) AND MITIGATION,**
11 **MONITORING AND REPORTING PROGRAM (MMRP) - CHUCKWALLA VALLEY ROAD BRIDGES**

12 The ENGINEER shall prepare an Environmental Impact Report (EIR) to address impacts associated with
13 biological, cultural and tribal cultural resources found to have the potential for significant impacts as identified
14 in the Initial Study (IS). The EIR analysis shall evaluate impacts during construction and operation, as well as
15 cumulative effects related to these focused topics. All environmental analysis sections shall be in compliance
16 with CEQA guidelines. The ENGINEER shall coordinate with cultural and biological staff to prepare related
17 sections. The EIR shall reference, as appropriate, previous studies conducted as part of the AGREEMENT.

18 The EIR shall provide new analysis where necessary, to satisfy issues identified in the IS. The EIR shall
19 include tables, charts, maps, and other graphics to summarize and present the information in a clear format
20 that is understandable to the average citizen.

21 The ENGINEER shall discuss mitigation for significant impacts in the relevant sections of the EIR.
22 Additionally, recommended measures should be cataloged in the MMRP to facilitate tracking and
23 implementation during construction. Measures will be developed in coordination with the COUNTY to ensure
24 they are feasible to implement. This new scope is part of AMENDMENT No. 2 because it was not previously
25 included in the AGREEMENT.

26 ***Deliverable(s):***

- 27 • Administrative Draft EIR and MMRP

28 **4.6.3 DRAFT EIR AND MMRP - CHUCKWALLA VALLEY ROAD BRIDGES**

1 The ENGINEER shall respond to COUNTY comments on the Administrative Draft EIR and MMRP in
2 preparation for public circulation. A revised Administrative Draft EIR/MMRP shall be submitted to the
3 COUNTY for review prior to preparing the document for public circulation. The ENGINEER will address
4 comments on the revised Administrative Draft EIR/MMRP and prepare a Draft EIR/MMRP for public
5 circulation. The Draft EIR/MMRP shall be considered complete when the COUNTY's comments have been
6 adequately addressed. This new scope is part of AMENDMENT No. 2 because it was not previously
7 included in the AGREEMENT.

8 ***Deliverable(s):***

- 9 • Revised Administrative Draft EIR/MMRP
- 10 • Draft EIR/MMRP for public circulation

11 **4.6.4 PUBLIC NOTICES AND MEETING - CHUCKWALLA VALLEY ROAD BRIDGES**

12 Once the Draft EIR/MMRP is approved for circulation, the ENGINEER shall prepare the Notice of
13 Completion (NOC) for filing and the Notice of Availability (NOA) for posting. Scope under this task also
14 includes preparation for and attendance at one (1) virtual public meeting. The ENGINEER shall prepare
15 materials to support the public meeting and will attend up to three (3) virtual preparation meetings. Upon
16 closure of the public comment period the ENGINEER shall code all comments and prepare a response to
17 comments matrix that shall contain all comments by their categories. The ENGINEER shall organize and sort
18 the public comments by type of comment, commenter organization/agency, and area of specialty the
19 commenter is referencing to facilitate consideration by the COUNTY and determine whether additional
20 consultation is required. Full and relevant responses to the public comments will be included as an appendix
21 to the Final EIR. This new scope is part of AMENDMENT No. 2 because it was not previously included in the
22 AGREEMENT.

23 ***Deliverable(s):***

- 24 • Draft and Final NOC
- 25 • Draft and Final NOA
- 26 • Draft and Final PowerPoint Presentation

27 **4.6.5 FINAL EIR AND MMRP - CHUCKWALLA VALLEY ROAD BRIDGES**

28 The ENGINEER shall prepare a Final EIR by updating the publicly circulated Draft EIR with modified text

1 revisions to address clarifications and corrections. Revisions shall also include a summary of additional
2 coordination conducted after public circulation, as needed. The ENGINEER shall coordinate with cultural and
3 biological staff to prepare relevant sections and address public and agency comments received on the Draft
4 EIR. The ENGINEER should also update the MMRP to reflect relevant changes to measures if necessary to
5 address public and agency comments. For COUNTY's review, text changes shall be in Word track-changes
6 but will ultimately be denoted with a vertical line in the margin for the final document. The ENGINEER shall
7 respond to questions and provide support during the COUNTY's review of the Final EIR. Work under this
8 task includes preparation of the Findings of Fact, Statement of Overriding Considerations, Notice of
9 Determination, and distribution and filing of the Final Environmental Document. This new scope is part of
10 AMENDMENT No. 2 because it was not previously included in the AGREEMENT.

11 ***Deliverable(s):***

- 12 • *Draft Final EIR/MMRP*
- 13 • *Check Print Final EIR/MMRP*
- 14 • *Final EIR/MMRP*
- 15 • *Draft, Revised Draft, and Final Findings of Fact*
- 16 • *Draft, Revised Draft, and Final Statement of Overriding Considerations*
- 17 • *Draft and Final Notice of Determination*

18 **4.6.6 ADMINISTRATIVE RECORD - CHUCKWALLA VALLEY ROAD BRIDGES**

19 The ENGINEER shall compile all final deliverables for submittal to the COUNTY's administrative record. This
20 new scope is part of AMENDMENT No. 2 because it was not previously included in the AGREEMENT.

21 ***Deliverable(s):***

- 22 • Electronic copy of all project deliverables

23 **4.7 NEPA CATEGORICAL EXCLUSION (CE) - RAILROAD AVENUE BRIDGES**

24 The ENGINEER shall prepare, on behalf of CALTRANS, the NEPA CE Determination Form and CE
25 Checklist for the Railroad Avenue Bridges. Task includes two rounds of reviews by COUNTY and
26 CALTRANS for each deliverable. This new scope is part of AMENDMENT No. 2 because it was not
27 previously included in the AGREEMENT.

28 ***Deliverable(s):***

- 1 • Draft and Final NEPA CE Determination Form
- 2 • Draft and Final CE Checklist

3 **4.8 PALEONTOLOGICAL RESOURCES ASSESSMENT AND MONITORING PLANS**

4 Railroad Avenue Bridges and Chuckwalla Valley Road Bridges

5 This new scope is part of AMENDMENT No. 2 because it was not previously included in the AGREEMENT.
6 The Paleontological Resources Assessment was needed to address this topic in the elevated NEPA and
7 CEQA documents for the Project. The scope is also in response to the recommended mitigation measures
8 for cultural resources in the MMRP for the Project. The ENGINEER shall prepare work products as outlined
9 in the tasks below.

10 **4.8.1 PALEONTOLOGICAL TECHNICAL MEMORANDUM**

11 The ENGINEER shall prepare a Paleontological Technical Memorandum, which shall include a desktop
12 review of geologic maps, paleontological literature, and museum records searches. Preparation of the
13 technical memorandum will include a summary of the findings and will be written in accordance with
14 CALTRANS Standard Environmental Reference (SER) Environmental Handbook, Volume 1, Chapter 8.
15 Baseline information gathered during the paleontological resource assessment will be used to assign the
16 paleontological sensitivity of a geologic unit(s) or members thereof to one of three categories – High
17 Potential, Low Potential, and No Potential. Review of published geological maps and paleontological
18 literature and museum records searches will include the Natural History Museum of Los Angeles County
19 (NHMLAC) and Western Science Center of Hemet (WSC). This new scope is part of AMENDMENT No. 2
20 because it was not previously included in the AGREEMENT.

21 ***Deliverable(s):***

- 22 • Draft and Final Paleontological Technical Memorandum for Railroad Avenue Bridges
- 23 • Draft and Final Paleontological Technical Memorandum for Chuckwalla Valley Road Bridges

24 **4.8.2 PALEONTOLOGICAL RESOURCE IMPACT MITIGATION PROGRAM (PRIMP)**

25 The ENGINEER shall prepare a Paleontological Resource Impact Mitigation Program (PRIMP), which shall
26 be written in accordance with current COUNTY and mitigation industry guidelines. Prior to preparation of the
27 PRIMP, the ENGINEER shall conduct a field survey of the Project area. The purpose of the field survey will
28 be to visually inspect the ground surface for exposed paleontological resources within the Project area and

1 to evaluate geologic exposures in and adjacent to the Project area for their potential to include significant
2 paleontology in the subsurface. The PRIMP shall provide an overview of the geology and paleontology of the
3 Project area, discuss the regulatory framework of the Project, define paleontological resource significance
4 and sensitivity, and present the results of the paleontological sensitivity analysis. The PRIMP also shall detail
5 the proposed approach protocols for the recovery and subsequent treatment of any paleontological
6 resources, including any museum-quality specimens and site data associated with these activities. The
7 ENGINEER shall submit the PRIMP electronically to COUNTY for approval prior to commencement of
8 ground disturbance. This new scope is part of AMENDMENT No. 2 because it was not previously included in
9 the AGREEMENT.

10 **Deliverable(s):**

- 11 • Draft and Final PRIMP for Railroad Avenue Bridges
- 12 • Draft and Final PRIMP for Chuckwalla Valley Road Bridges

13 **4.9 HISTORIC PROPERTIES TREATMENT - CHUCKWALLA VALLEY ROAD BRIDGES**

14 This new scope was not previously included in the AGREEMENT and is in response to the Memorandum of
15 Agreement (MOA) executed between COUNTY, CALTRANS and the California State Historic Preservation
16 Officer (SHPO) for the Chuckwalla Valley Road Bridges. The MOA stipulates documentation, review of
17 design elements, and development of an interpretive webpage for the demolition and replacement of
18 character-defining features of a known cultural resource, Chuckwalla Valley Road, an extant segment of the
19 1930s-era historic U.S. Highway 60/70 transcontinental highway. The ENGINEER shall prepare work
20 products as outlined in the tasks below. This new scope is part of AMENDMENT No. 2 because it was not
21 previously included in the AGREEMENT.

22 **4.9.1 HISTORIC AMERICAN ENGINEERING RECORD (HAER) - CHUCKWALLA VALLEY ROAD BRIDGES**

23 The ENGINEER shall prepare a Historical American Engineering Record (HAER) report to the standards
24 established by the National Park Service (NPS). NPS will determine the level of and procedures for
25 completing the documentation. The HAER report will include: (1) a written narrative that provides a historical
26 context of the four subject bridges as a system associated with the historic Chuckwalla Valley Road; (2)
27 descriptive technical data; (3) measured drawings; and (4) 20 large-format black-and-white photographs.

28 Following completion of the HAER report and acceptance by NPS, the ENGINEER shall prepare archival,

1 digital, and bound library-quality copies of the documentation and provide them to the COUNTY, CALTRANS
2 Transportation Library and History Center at CALTRANS Headquarters, the Library of Congress, SHPO, the
3 Riverside Historical Society, the Coachella Valley Historical Society, the California Historical Society, the
4 California Preservation Foundation, and the Historic Bridge Foundation. An electronic copy will also be
5 submitted to the Office of Historic Preservation's Eastern Information Center of the California Historical
6 Resources Information System at University of California, Riverside. This new scope is part of AMENDMENT
7 No. 2 because it was not previously included in the AGREEMENT.

8 ***Deliverable(s):***

- 9 • Draft and Final HAER for Chuckwalla Valley Road Bridges

10 **4.9.2 PRECONSTRUCTION HISTORIC DESIGN ELEMENTS REVIEW - CHUCKWALLA VALLEY ROAD**
11 **BRIDGES**

12 In coordination with COUNTY and CALTRANS, the ENGINEER shall compile context-sensitive options for
13 the replacement bridge structures that will account for the historic significance of the original structures.
14 Options include constructing bridge elements with materials that replicate the original elements; using in-kind
15 or similar materials to those used in the original structures (concrete and timber); or material that is similar to
16 the original in terms of massing, general proportion, color, and textures. The ENGINEER shall develop viable
17 structural treatments.

18 In coordination with COUNTY and CALTRANS, the ENGINEER shall review draft and final design plans and
19 specifications for the treatment of the bridges. The ENGINEER shall prepare a memorandum report which
20 evaluates whether or not design plans for the four replacement bridges include architectural details that
21 convey the historical significance and character-defining elements of the original historic structures, and to
22 ensure that the design is visually compatible with the National Register-eligible Chuckwalla Valley Road.
23 This new scope is part of AMENDMENT No. 2 because it was not previously included in the AGREEMENT.

24 ***Deliverable(s):***

- 25 • Draft and Final Historic Design Elements Memorandum Report for Chuckwalla Valley Road Bridges

26 **4.9.3 INTERPRETIVE WEBPAGE - CHUCKWALLA VALLEY ROAD BRIDGES**

27 In consultation with COUNTY and CALTRANS, ENGINEER shall create a publicly accessible digital
28 interpretation of the HAER report materials to be placed on the COUNTY's website and CALTRANS CSO

1 Mitigation Website. In consultation with COUNTY and CALTRANS, ENGINEER shall prepare and provide
2 the content for a publicly accessible webpage within 12 months of the distribution of the final HAER
3 documentation as described above. The information link shall also be made available to the CALTRANS
4 Transportation Library and History Center at CALTRANS Headquarters in Sacramento for inclusion on its
5 website and will also be offered to the local historical societies and preservation groups. This new scope is
6 part of AMENDMENT No. 2 because it was not previously included in the AGREEMENT.

7 **Deliverable(s):**

- 8 • Content for a publicly accessible webpage for Chuckwalla Valley Road Bridges

9 **4.9.4 ANNUAL REPORTS - CHUCKWALLA VALLEY ROAD BRIDGES**

10 In coordination with the COUNTY and CALTRANS, the ENGINEER shall prepare an annual report
11 documenting actions carried out pursuant to the MOA. The annual report shall address proposed scheduling
12 changes, results of historic property surveys, status of treatment and mitigation activities, status of ongoing
13 construction monitoring, ongoing and completed public education activities, uses affecting or that may affect
14 the ability of the federal agency to continue to meet the terms of the MOA, any disputes and objections
15 received and how they were resolved, and any additional parties who have become Signatories, Invited
16 Signatories, or Concurring Parties to the MOA. The Annual Report shall be distributed to all consulting
17 parties to the MOA. Scope includes six (6) Annual Reports. This new scope is part of AMENDMENT No. 2
18 because it was not previously included in the AGREEMENT.

19 **Deliverable(s):**

- 20 • Draft and Final Six (6) Annual Report(s) for Chuckwalla Valley Road Bridges

21 **PHASE II – PLANS, SPECIFICATIONS AND ESTIMATES**

22 **5.1 FOUNDATION DESIGN REPORT**

23 The AGREEMENT included preparation of Foundation Design Reports for both Railroad Avenue and
24 Chuckwalla Valley Road projects to support the final bridge design. The ENGINEER shall update the bridge
25 foundation reports for both projects based on the final resolution for modifications to the preliminary bridge
26 design, as agreed upon with CALTRANS Structures Local Assistance (SLA) for the Bridge Type Selection.
27 Furthermore, the ENGINEER shall revise the bridge foundation reports that have been completed prior to the
28 Bridge Type Selection with CALTRANS to comply with the latest CALTRANS 2025 Construction Contract

Standards. The additional report revision and technical geotechnical analysis for updating the bridge design are not anticipated as part of the AGREEMENT and have been included as part of AMENDMENT No. 2.

Deliverable(s):

- Revised Foundation Design Reports for Railroad Avenue Bridges and Chuckwalla Valley Road Bridges

5.2 STORM WATER POLLUTION PREVENTATION PLAN (SWPPP)

No change. See AGREEMENT.

5.3 UTILITY RELOCATION COORDINATION

No change. See AGREEMENT.

5.4 65% ROADWAY PLANS

The AGREEMENT included preparation of 65% Roadway Plans for both Railroad Avenue and Chuckwalla Valley Road projects for COUNTY's approval. The ENGINEER shall update the 65% roadway plans for both the Railroad Avenue Bridges and the Chuckwalla Valley Road Bridges based on the final resolution for modifications to the preliminary bridge design, as agreed upon with CALTRANS Structures Local Assistance (SLA) for the Bridge Type Selection. CALTRANS has required that the road and bridge profile be lowered to the maximum extent possible, preferably remaining near the existing grade at the approaches without a freeboard between the bridge soffit and the water surface under the 100-Year Flood Rate while COUNTY requires a two-foot freeboard, as per the previous design. The 65% completion roadway plans that have been completed prior to the Bridge Type Selection with CALTRANS must be updated accordingly. The additional plan revision is not anticipated as part of the AGREEMENT and has been included as part of AMENDMENT No. 2.

Deliverable(s):

- Revised 65% Roadway Plans for Railroad Avenue Bridges and Chuckwalla Valley Road Bridges

5.5 65% SIGNING, STRIPING AND DETOUR PLANS

No change. See AGREEMENT.

5.6 95% CIVIL ROADWAY PS&E

No change. See AGREEMENT.

5.7 BRIDGE TYPE SELECTION

1 Railroad Avenue Bridges and Chuckwalla Valley Road Bridges

2 The AGREEMENT included preparation of Bridge Type Selection Reports for both Railroad Avenue and
3 Chuckwalla Valley Road projects for COUNTY's approval. The ENGINEER shall attend Bridge Type
4 Selection meetings and technical focus meetings as needed with COUNTY and CALTRANS Structures
5 Local Assistance (SLA) for the Project. The ENGINEER shall prepare meeting minutes, respond to the
6 comments raised during the bridge type selection meetings, and update the Type Selection Reports (TSR's)
7 including the 30% bridge and roadway design plans (GAD's), cost estimates, Preliminary Hydraulics Reports
8 (PHR's), and Preliminary Foundation Reports (PFR's). Additional work for revision of GAD's is under Task
9 3.7, additional work for revision of PHR's is under Task 3.9, and additional work for revision of PFR's is
10 under Task 3.5. The additional meetings and report revision to obtain bridge type selection approval with
11 CALTRANS were not anticipated as part of the AGREEMENT and have been included as part of
12 AMENDMENT No. 2.

13 ***Deliverable(s):***

- 14 • CALTRANS-approved TSR's for Railroad Avenue Bridges and Chuckwalla Valley Road Bridges

15 **5.8 65% UNCHECKED STRUCTURE PLANS**

16 Railroad Avenue Bridges and Chuckwalla Valley Road Bridges

17 The AGREEMENT included preparation of 65% Unchecked Bridge Plans for both Railroad Avenue and
18 Chuckwalla Valley Road projects for COUNTY's approval. The ENGINEER shall prepare the 65%
19 unchecked structure plans for both the Railroad Avenue Bridges and the Chuckwalla Valley Road Bridges
20 based on the final resolution for modifications to the preliminary bridge design, as agreed upon with
21 CALTRANS Structures Local Assistance (SLA) for the Bridge Type Selection. The ENGINEER shall revise
22 the plans that have been completed prior to the Bridge Type Selection with CALTRANS to comply with the
23 latest CALTRANS 2025 Construction Contract Standards. The bridge plans shall implement project-specific
24 aesthetic features based on the historic properties' treatment determined in Task 4.9 for the Chuckwalla
25 Valley Road Bridges, and Task 4.3.9A for the Railroad Avenue Bridge at East Channel Stubbe Wash over
26 PCT. The ENGINEER shall provide engineering support for the Task 4.9.2 Preconstruction Historic Design
27 Elements Review for Chuckwalla Valley Road Bridges. The additional efforts for plan revision for COUNTY's
28 approval and engineering support for reviewing historic design elements were not anticipated as part of the

1 AGREEMENT and have been included as part of AMENDMENT No. 2.

2 ***Deliverable(s):***

- 3 • Revised 65% Unchecked Structure Plans for Railroad Avenue Bridges and Chuckwalla Valley Road
- 4 Bridges

5 **5.9 BRIDGE DESIGN INDEPENDENT CHECK**

6 No change. See AGREEMENT.

7 **5.10 95% STRUCTURE PS&E**

8 No change. See AGREEMENT.

9 **5.11 FINAL 100% DESIGN PS&E AND CONTRACT BID DOCUMENTS**

10 No change. See AGREEMENT.

11 **5.12 RIGHT-OF-WAY LEGAL DESCRIPTIONS AND PLATS (BY COUNTY)**

12 No change. See AGREEMENT.

13 **5.13 RIGHT-OF-WAY APPRAISAL AND ACQUISITION (BY COUNTY)**

14 No change. See AGREEMENT.

15 **5.14 ENGINEERING DESIGN MODIFICATIONS AND CALTRANS LOCAL ASSISTANCE SUPPORT**
16 **SERVICES (STEP-2)**

17 This new scope is part of AMENDMENT No. 2 because it was not previously included in the AGREEMENT.

18 This task includes engineering design modifications and Local Assistance programming support that arise
19 during the final project approval and construction authorization with COUNTY, CALTRANS, and Regulatory
20 Permitting Agencies. The additional scope of services will be directed by COUNTY.

21 ***Deliverable(s):***

- 22 • Project-Relevant Engineering Design Modifications, CALTRANS Local Assistance Support for
- 23 Railroad Avenue Bridges and Chuckwalla Valley Road Bridges

24 **6.0 PERMITTING**

25 *Railroad Avenue Bridges and Chuckwalla Valley Road Bridges*

26 The AGREEMENT included preparation of two separate permit packages, one for Railroad Avenue Bridges
27 and one for Chuckwalla Valley Road Bridges. Each permit package includes a permit application for each of
28 the 3 Resource Agency Permits (ACOE, RWQCB, & CDFW). The regulatory permitting procedures and

1 requirements for RWQCB Section 401 Water Quality Certification have changed significantly in the past few
2 years. Therefore, the permitting applications shall incorporate updated standards and requirements that arise
3 during the period of the time delay in environmental documentation and engineering design approval with
4 CALTRANS. The additional efforts were beyond what was included in the AGREEMENT and have been
5 included as part of AMENDMENT No. 2.

6 **6.1 ACOE SECTION 404 NATIONWIDE PERMIT**

7 No change. See AGREEMENT.

8 **6.2 RWQCB SECTION 401 WATER QUALITY CERTIFICATION**

9 The AGREEMENT included obtaining a Section 401 Water Quality Certification from the RWQCB for any
10 activities that require a federal license or permit (such as Section 404 Permit) and may result in a discharge
11 to jurisdictional waters. 2023 Clean Water Act Section 401 Water Quality Certification Improvement Rule
12 updated the regulatory requirements. Based on the new requirements, a written request for a Waste
13 Discharge Requirement (WDR) pursuant to the Porter-Cologne Water Quality Control Act will be prepared
14 and submitted to the RWQCB for each of the two Railroad Avenue and Chuckwalla Valley Road projects for
15 review and processing. It is expected that the request will include a completed application form, detailed
16 project description, water quality plan identifying project-specific best management practices, and CEQA
17 documentation. In addition, a request for a Pre-Filing Meeting will be submitted at least 30 days prior to the
18 expected date of the application submittal and an Alternatives Analysis, draft Restoration Plan for temporarily
19 impacted areas, and a draft Compensatory Mitigation Plan will be prepared for inclusion in the permit
20 application.

21 Alternative Analysis

22 Each of the two projects is expected to require an alternatives analysis and to qualify as a Tier 2 project. Tier
23 2 projects include any projects that inherently cannot be located at an alternate location and require an
24 analysis of on-site alternatives. The design for any alternatives reviewed will be provided by the
25 ENGINEERS' project design team. It is further assumed that up to two alternatives beyond the proposed
26 project and no-action project will be considered/reviewed.

27 Compensatory Mitigation Plan

28 If it is shown that mitigation is required, the ENGINEER will prepare a Compensatory Mitigation Plan that

1 identifies agency-approved mitigation banks or in-lieu fee programs to mitigate for permanent impacts on
2 aquatic resources for the two projects.

3 Restoration Plan

4 The ENGINEER will prepare a Restoration Plan for each of the two projects that addresses the restoration of
5 temporary impact areas within the project site. The ENGINEER will prepare the plan in accordance with
6 agency guidelines and expectations and will include, as appropriate: methodology and design to re-contour
7 the land; measures to alleviate soil compaction; native plant species to be used, container sizes, and
8 seeding rates; planting schedules; description of irrigation methodology; measures to control exotic
9 vegetation on-site; monitoring and reporting program; specific success criteria; and corrective actions to be
10 taken if restoration activities do not meet the proposed success criteria. Prior to preparing the plan, the
11 ENGINEER'S restoration biologist will visit the project site to assess the area where the temporary impacts
12 are anticipated to occur, as well as the area where mitigation would be taking place.

13 The additional efforts of requesting a RWQCB Section 401 Pre-Filing Meeting, attending the Pre-Filing
14 meeting, incorporating the updated requirements in preparing Alternative Analysis, Compensatory Mitigation
15 Plan, and Restoration Plan were beyond what was included in the AGREEMENT and have been included as
16 part of AMENDMENT No. 2

17 ***Deliverable(s):***

- 18 • A request for a RWQCB Section 401 Pre-Filing Meeting
- 19 • Alternative Analysis, Compensatory Mitigation Plan and Restoration Plan
- 20 • A request for a Waste Discharge Requirement (WDR)

21 **6.3 CDFW SECTION 1602 STREAMBED ALTERATION AGREEMENT**

22 The AGREEMENT included obtaining a 1602 Streambed Alteration Agreement from the CDFW for impacts
23 on jurisdictional waters of the State. CDFW standards have nominal updates; however, escalation of the
24 permitting effort is required due to the time delay in environmental documentation and engineering design
25 approval with CALTRANS, The ENGINEER shall prepare the Streambed Alteration Notification application in
26 accordance with the latest CDFW standards and updates and shall submit the agreement package to
27 COUNTY and CDFW for review. Additional escalation to incorporate the updated standards in preparing the
28 permitting application was beyond what was included in the AGREEMENT and has been included as part of

1 AMENDMENT No. 2

2 **6.4 CALTRANS ENCROACHMENT PERMIT (STEP-2)**

3 No change. See AGREEMENT.

4 **PHASE III – CONSTRUCTION BIDDING AND AWARD SUPPORTS**

5 No change. See AGREEMENT.

6 **7.1 ATTEND A PRE-BID MEETING**

7 No change. See AGREEMENT.

8 **7.2 BIDDING INTERPRETATIONS, BID REVIEW AND ANALYSIS**

9 No change. See AGREEMENT.

10 **PHASE IV – DESIGN CONSTRUCTION SUPPORTS**

11 **7.3 ATTEND A PRE-CONSTRUCTION MEETING AND SITE MEETINGS**

12 No change. See AGREEMENT.

13 **7.4 ADMINISTRATION, RESPOND CONTRACTOR'S RFI'S AND REVIEW SHOP DRAWINGS / SUBMITTALS**

14 No change. See AGREEMENT.

15 **7.5 PREPARE CONSTRUCTION CHANGE ORDERS**

16 No change. See AGREEMENT.

17 **7.6 PREPARE AS-BUILT PLANS**

18 No change. See AGREEMENT.

19

Engineering and Environmental Services

**Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges
[BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] Fee Proposal Summary**

February 23, 2026

| COMPANIES | PHASE I | PHASE II | PHASE III | PHASE IV | TOTAL |
|--|------------------------|----------------------|-----------|----------|------------------------|
| CNS Engineers, Inc. Prime | \$ 388,281.73 | \$ 506,219.93 | | | \$ 894,501.66 |
| WSP Parsons Brinckerhoff Environmental | \$ 1,625,668.99 | | | | \$ 1,625,668.99 |
| Applied Earthwork Environmental | \$ 166,743.00 | | | | \$ 166,743.00 |
| ICF Jones & Stokes Environmental | \$ 90,217.72 | \$ 100,088.38 | | | \$ 190,306.09 |
| Agullar Consulting, Inc. (ACI) Channel Hydraulics | \$ 39,981.37 | | | | \$ 39,981.37 |
| Group Delta Consultants Geotechnical and ISA | \$ 32,010.44 | \$ 27,780.67 | | | \$ 59,791.12 |
| CASC Engineering and Consulting Water Quality | | | | | |
| KOA Corporation Traffic | | | | | |
| Overland, Pacific & Cutler Utilities | | | | | |
| TOTAL | \$ 2,342,903.25 | \$ 634,088.98 | | | \$ 2,976,992.23 |

- Phase I **Preliminary Engineering & Environmental Documentation**
- Phase II **Plans, Specifications & Estimate (PS&E)**
- Phase III **Construction Bidding and Award Supports**
- Phase IV **Design Construction Supports**

FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Project Summary | PHASE: All Phases |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------|-------------------------|--------------|---|---------------------------|---------------------|
| James J. Lu | Senior Project Manager | 698 | @ | \$103.00 | \$71,894.00 |
| Quy T. Nguyen | Senior Bridge Engineer | 1,014 | @ | \$79.00 | \$80,106.00 |
| Steve Hosford | Senior Roadway Engineer | 780 | @ | \$75.20 | \$58,656.00 |
| | Project Engineer | 720 | @ | \$53.00 | \$38,160.00 |
| | Design Engineer II | 528 | @ | \$41.00 | \$21,648.00 |
| | Senior CADD Technician | 520 | @ | \$48.20 | \$25,064.00 |
| TOTAL HOURS | | 4,260 | | TOTAL DIRECT LABOR | \$295,528.00 |

MULTIPLIERS

| | | | |
|---------------------------------------|---------|---|---------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$7,388.20 |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$160,060.92 |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$337,478.94 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$80,045.61 |
| TOTAL MULTIPLIERS | | | \$584,973.66 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | 4 | LS | \$3,500.00 | \$14,000.00 |
| TOTAL ODC'S | | | | \$14,000.00 |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|-------------------------------------|--------------|----------------|-------------|-----------------------|
| WSP Parsons Brinckerhoff | \$538,201.68 | \$1,079,648.71 | \$7,818.60 | \$1,625,668.99 |
| Applied Earthwork | \$61,143.72 | \$90,523.28 | \$15,076.00 | \$166,743.00 |
| ICF Jones & Stokes | \$63,587.82 | \$124,918.27 | \$1,800.00 | \$190,306.09 |
| Aguilar Consulting, Inc. (ACI) | \$15,973.06 | \$24,008.31 | | \$39,981.37 |
| Group Delta Consultants | \$18,340.92 | \$39,830.20 | \$1,620.00 | \$59,791.12 |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| TOTAL SUBCONSULTANT SERVICES | | | | \$2,082,490.56 |
| TOTAL | | | | \$2,976,992.23 |

FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------|-------------------------|--------------|---|---------------------------|---------------------|
| James J. Lu | Senior Project Manager | 466 | @ | \$103.00 | \$47,998.00 |
| Quyet T. Nguyen | Senior Bridge Engineer | 390 | @ | \$79.00 | \$30,810.00 |
| Steve Hosford | Senior Roadway Engineer | 420 | @ | \$75.20 | \$31,584.00 |
| | Project Engineer | 184 | @ | \$53.00 | \$9,752.00 |
| | Design Engineer II | 96 | @ | \$41.00 | \$3,936.00 |
| | Senior CADD Technician | 32 | @ | \$48.20 | \$1,542.40 |
| TOTAL HOURS | | 1,588 | | TOTAL DIRECT LABOR | \$125,622.40 |

MULTIPLIERS

| | | | |
|---------------------------------------|---------|---|---------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$3,140.56 |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$68,038.35 |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$143,454.81 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$34,025.61 |
| TOTAL MULTIPLIERS | | | \$248,659.33 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|--------------|--------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | 4 | LS | @ \$3,500.00 | \$14,000.00 |
| TOTAL ODC'S | | | | \$14,000.00 |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|-------------------------------------|--------------|----------------|-------------|-----------------------|
| WSP Parsons Brinckerhoff | \$538,201.68 | \$1,079,648.71 | \$7,818.60 | \$1,625,668.99 |
| Applied Earthwork | \$61,143.72 | \$90,523.28 | \$15,076.00 | \$166,743.00 |
| ICF Jones & Stokes | \$30,129.10 | \$59,188.62 | \$900.00 | \$90,217.72 |
| Aguilar Consulting, Inc. (ACI) | \$15,973.06 | \$24,008.31 | | \$39,981.37 |
| Group Delta Consultants | \$9,581.88 | \$20,808.56 | \$1,620.00 | \$32,010.44 |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| TOTAL SUBCONSULTANT SERVICES | | | | \$1,954,621.51 |

TOTAL \$2,342,903.25

FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT | |
|-----------------|-------------------------|--------------------|---|--------------|---------------------------|---------------------|
| James J. Lu | Senior Project Manager | 232 | @ | \$103.00 | \$23,896.00 | |
| Quyet T. Nguyen | Senior Bridge Engineer | 624 | @ | \$79.00 | \$49,296.00 | |
| Steve Hosford | Senior Roadway Engineer | 360 | @ | \$75.20 | \$27,072.00 | |
| | Project Engineer | 536 | @ | \$53.00 | \$28,408.00 | |
| | Design Engineer II | 432 | @ | \$41.00 | \$17,712.00 | |
| | Senior CADD Technician | 488 | @ | \$48.20 | \$23,521.60 | |
| | | TOTAL HOURS | | 2,672 | TOTAL DIRECT LABOR | \$169,905.60 |

MULTIPLIERS

| | | | | |
|---------------------------------------|---------|--|--------------------------|---------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$4,247.64 | |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$92,022.57 | |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$194,024.12 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$46,019.99 | |
| | | | TOTAL MULTIPLIERS | \$336,314.33 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |
| | | | | TOTAL ODC'S |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC'S | TOTAL |
|---|-------------|-------------|----------|---------------------|
| WSP Parsons Brinckerhoff Applied Earthwork | | | | |
| ICF Jones & Stokes Aguilar Consulting, Inc. (ACI) | \$33,458.72 | \$65,729.66 | \$900.00 | \$100,088.38 |
| Group Delta Consultants CASC Engineering and Consulting KOA Corporation Overland, Pacific & Cutler | \$8,759.04 | \$19,021.63 | | \$27,780.67 |
| TOTAL SUBCONSULTANT SERVICES | | | | \$127,869.05 |
| TOTAL | | | | \$634,088.98 |

FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Construction Bidding and Award Supports | PHASE: Phase III |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|------------------|-------------------------|--------------------|---------------------------|--------|
| James J. Lu | Senior Project Manager | | \$103.00 | |
| Quyett T. Nguyen | Senior Bridge Engineer | | \$79.00 | |
| Steve Hosford | Senior Roadway Engineer | | \$75.20 | |
| | Project Engineer | | \$53.00 | |
| | Design Engineer II | | \$41.00 | |
| | Senior CADD Technician | | \$48.20 | |
| | | TOTAL HOURS | TOTAL DIRECT LABOR | |

MULTIPLIERS

| | | |
|---------------------------------------|---------|---|
| ESCALATION @ | 2.500% | (of Direct Labor) |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) |
| TOTAL MULTIPLIERS | | |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |
| | | | | TOTAL ODC'S |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|---------------------------------|-------|-------------|-------|-------------------------------------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | | | | |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | | | | |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| | | | | TOTAL SUBCONSULTANT SERVICES |

TOTAL

FEE PROPOSAL WORKSHEET

| | | |
|---|---|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Design Construction Supports | PHASE: Phase IV |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|--------------------|-------------------------|-------|---------------------------|--------|
| James J. Lu | Senior Project Manager | | \$103.00 | |
| Quyett T. Nguyen | Senior Bridge Engineer | | \$79.00 | |
| Steve Hosford | Senior Roadway Engineer | | \$75.20 | |
| | Project Engineer | | \$53.00 | |
| | Design Engineer II | | \$41.00 | |
| | Senior CADD Technician | | \$48.20 | |
| TOTAL HOURS | | | TOTAL DIRECT LABOR | |

MULTIPLIERS

| | | |
|---------------------------------------|---------|--|
| ESCALATION @ | 2.500% | (of Direct Labor) |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) |
| TOTAL MULTIPLIERS | | |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |
| TOTAL ODC'S | | | | |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|-------------------------------------|-------|-------------|-------|-------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | | | | |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | | | | |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| TOTAL SUBCONSULTANT SERVICES | | | | |

TOTAL

MANHOUR WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: February 23, 2026 |

| TASK | | | | | | | HOURS | COST |
|---|------------------------|------------------------|-------------------------|------------------|--------------------|------------------------|-------|-----------|
| | SENIOR PROJECT MANAGER | SENIOR BRIDGE ENGINEER | SENIOR ROADWAY ENGINEER | PROJECT ENGINEER | DESIGN ENGINEER II | SENIOR CADD TECHNICIAN | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | 16 | 24 | 24 | | | | 64 | \$ 14,349 |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | 8 | 32 | 64 | | | | 104 | \$ 20,093 |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | 16 | 16 | | | | | 32 | \$ 8,676 |
| 4.3.9A Finding of Effect (FoE) (Step-2) | 8 | 8 | | | | | 16 | \$ 4,338 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | 8 | 32 | 32 | | | | 72 | \$ 15,040 |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | 8 | 8 | | | | | 16 | \$ 4,338 |
| 4.5.2 Draft IS/EA for Public Review | 8 | 8 | | | | | 16 | \$ 4,338 |
| 4.5.3 Public Review | 8 | 8 | | | | | 16 | \$ 4,338 |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | 10 | 10 | | | | | 20 | \$ 5,423 |
| 4.5.5 Final MND/FONSI | 8 | 8 | | | | | 16 | \$ 4,338 |
| 4.6 - CEQA EIR - Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for EIR - Chuckwalla Valley Road Bridges | 8 | 8 | | | | | 16 | \$ 4,338 |
| 4.6.2 - Admin Draft EIR and MMRP - Chuckwalla Valley Road Bridges | 8 | 8 | | | | | 16 | \$ 4,338 |
| 4.6.3 - Draft EIR and MMRP - Chuckwalla Valley Road Bridges | 4 | 4 | | | | | 8 | \$ 2,169 |
| 4.6.4 - Public Notices and Meeting- Chuckwalla Valley Road Bridges | 8 | 8 | | | | | 16 | \$ 4,338 |
| 4.6.5 - Final EIR and MMRP - Chuckwalla Valley Road Bridges | 16 | 16 | | | | | 32 | \$ 8,676 |
| 4.6.6 - Admin Record- Chuckwalla Valley Road Bridges | 4 | 4 | | | | | 8 | \$ 2,169 |
| 4.7 - NEPA Categorical Exclusion (CE) - RR Ave Bridges | | | | | | | | |
| 4.8 - Paleontological Resources Assessment and Monitoring Plans | | | | | | | | |
| 4.8.1 - Paleontological Technical Memorandum | 8 | 8 | | | | | 16 | \$ 4,338 |

MANHOOR WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: February 23, 2026 |

| TASK | SENIOR PROJECT MANAGER | SENIOR BRIDGE ENGINEER | SENIOR ROADWAY ENGINEER | PROJECT ENGINEER | DESIGN ENGINEER II | SENIOR CADD TECHNICIAN | HOURS | COST |
|------|------------------------|------------------------|-------------------------|------------------|--------------------|------------------------|-------|------|
| | \$306.88 | \$235.37 | \$224.05 | \$157.91 | \$122.16 | \$143.61 | | |

| | | | | | | | | |
|-----------------------|------------|------------|------------|------------|------------|------------|--------------|--|
| Total Manhours | 232 | 624 | 360 | 536 | 432 | 488 | 2,672 | |
|-----------------------|------------|------------|------------|------------|------------|------------|--------------|--|

| | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|------------|
| 1.1 Project Management | | | | | | | | |
| 1.2 Project Team Meetings | | | | | | | | |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | | |
| 5.1 Foundation Design Report | | | | | | | | |
| 5.2 Storm Water Pollution Prevention Plan (SWPPP) | | | | | | | | |
| 5.3 Utility Relocation Coordination | | | | | | | | |
| 5.4 65% Roadway Plans | | | 96 | | 144 | | 240 | \$ 39,100 |
| 5.5 65% Signing, Striping and Detour Plans | | | | | | | | |
| 5.6 95% Civil Roadway PS&E | | | | | | | | |
| 5.7 Bridge Type Selection | 24 | 168 | 96 | 96 | | 96 | 480 | \$ 97,363 |
| 5.8 65% Unchecked Structure Plans | 40 | 240 | | 248 | 144 | 248 | 920 | \$ 161,132 |
| 5.9 Bridge Design Independent Check | | | | | | | | |
| 5.10 95% Structure PS&E | | | | | | | | |
| 5.11 Final 100% Design PS&E and Contract Bid Documents | | | | | | | | |
| 5.12 Right-of-Way Legal Descriptions and Plats (by County) | | | | | | | | |
| 5.13 Right-of-Way Appraisal and Acquisition (by County) | | | | | | | | |
| 5.14 Engineering Design Modifications and Caltrans Local Assistance Support Services (Step 2) | 144 | 168 | 168 | 144 | 144 | 144 | 912 | \$ 182,383 |
| 6.0 Permitting | | | | | | | | |
| 6.1 USAOE Section 404 Permit | | | | | | | | |
| 6.1.1 Jurisdictional delineation Verification/Update | | | | | | | | |
| 6.1.2 USACOE Approved Jurisdictional Determination Request | | | | | | | | |
| 6.2 RWQCB Waste Discharge Requirements | 24 | 48 | | 48 | | | 120 | \$ 26,243 |

Engineering and Environmental Services

**Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099,
FPN BRLO-5956(228)] Fee Proposal Summary**

February 23, 2026

| COMPANIES | PHASE I | PHASE II | PHASE III | PHASE IV | TOTAL |
|--|----------------------|---------------------|-----------|----------|----------------------|
| CNS Engineers, Inc. Prime | \$ 50,828.88 | \$ 74,559.36 | | | \$ 125,388.24 |
| WSP Parsons Brinckerhoff Environmental | \$ 219,212.86 | | | | \$ 219,212.86 |
| Applied Earthwork Environmental | \$ 12,728.21 | | | | \$ 12,728.21 |
| ICF Jones & Stokes Environmental | \$ 23,916.13 | \$ 19,188.02 | | | \$ 43,104.15 |
| Aguilar Consulting, Inc. (ACI) Channel Hydraulics | \$ 5,519.03 | | | | \$ 5,519.03 |
| Group Delta Consultants Geotechnical and ISA | \$ 5,335.07 | \$ 4,630.11 | | | \$ 9,965.19 |
| CASC Engineering and Consulting Water Quality | | | | | |
| KOA Corporation Traffic | | | | | |
| Overland, Pacific & Cutler Utilities | | | | | |
| TOTAL | \$ 317,540.19 | \$ 98,377.49 | | | \$ 415,917.68 |

- Phase I **Preliminary Engineering & Environmental Documentation**
- Phase II **Plans, Specifications & Estimate (PS&E)**
- Phase III **Construction Bidding and Award Supports**
- Phase IV **Design Construction Supports**

FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Project Summary | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------|-------------------------|------------|---|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 105 | @ | \$103.00 | \$10,815.00 |
| Quyett T. Nguyen | Senior Bridge Engineer | 131 | @ | \$79.00 | \$10,349.00 |
| Steve Hosford | Senior Roadway Engineer | 130 | @ | \$75.20 | \$9,776.00 |
| | Project Engineer | 84 | @ | \$53.00 | \$4,452.00 |
| | Design Engineer II | 88 | @ | \$41.00 | \$3,608.00 |
| | Senior CADD Technician | 64 | @ | \$48.20 | \$3,084.80 |
| TOTAL HOURS | | 602 | | TOTAL DIRECT LABOR | \$42,084.80 |

MULTIPLIERS

| | | | |
|---------------------------------------|---------|---|--------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$1,052.12 |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$22,793.55 |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$48,058.84 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$11,398.93 |
| TOTAL MULTIPLIERS | | | \$83,303.44 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |
| TOTAL ODC'S | | | | |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC'S | TOTAL |
|-------------------------------------|-------------|--------------|------------|---------------------|
| WSP Parsons Brinckerhoff | \$72,490.88 | \$145,418.88 | \$1,303.10 | \$219,212.86 |
| Applied Earthwork | \$5,131.31 | \$7,596.90 | | \$12,728.21 |
| ICF Jones & Stokes | \$14,438.91 | \$28,365.24 | \$300.00 | \$43,104.15 |
| Aguilar Consulting, Inc. (ACI) | \$2,204.92 | \$3,314.11 | | \$5,519.03 |
| Group Delta Consultants | \$3,056.82 | \$6,638.37 | \$270.00 | \$9,965.19 |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| TOTAL SUBCONSULTANT SERVICES | | | | \$290,529.43 |
| TOTAL | | | | \$415,917.68 |

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over Fomat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT | |
|------------------|-------------------------|--------------------|------------|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 69 | @ \$103.00 | \$7,107.00 | |
| Quyett T. Nguyen | Senior Bridge Engineer | 43 | @ \$79.00 | \$3,397.00 | |
| Steve Hosford | Senior Roadway Engineer | 70 | @ \$75.20 | \$5,264.00 | |
| | Project Engineer | 12 | @ \$53.00 | \$636.00 | |
| | Design Engineer II | 16 | @ \$41.00 | \$656.00 | |
| | Senior CADD Technician | | \$48.20 | | |
| | | TOTAL HOURS | 210 | TOTAL DIRECT LABOR | \$17,060.00 |

MULTIPLIERS

| | | | | |
|---------------------------------------|---------|---|--------------------------|--------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$426.50 | |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$9,239.87 | |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$19,481.71 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$4,620.81 | |
| | | | TOTAL MULTIPLIERS | \$33,768.88 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |
| | | | | TOTAL ODC'S |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|-------------------------------------|-------------|--------------|------------|---------------------|
| WSP Parsons Brinckerhoff | \$72,490.88 | \$145,418.88 | \$1,303.10 | \$219,212.86 |
| Applied Earthwork | \$5,131.31 | \$7,596.90 | | \$12,728.21 |
| ICF Jones & Stokes | \$8,016.91 | \$15,749.22 | \$150.00 | \$23,916.13 |
| Aguilar Consulting, Inc. (ACI) | \$2,204.92 | \$3,314.11 | | \$5,519.03 |
| Group Delta Consultants | \$1,596.98 | \$3,468.09 | \$270.00 | \$5,335.07 |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| TOTAL SUBCONSULTANT SERVICES | | | | \$266,711.30 |
| TOTAL | | | | \$317,540.19 |

FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------|-------------------------|--------------------|---|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 36 | @ | \$103.00 | \$3,708.00 |
| Quy T. Nguyen | Senior Bridge Engineer | 88 | @ | \$79.00 | \$6,952.00 |
| Steve Hosford | Senior Roadway Engineer | 60 | @ | \$75.20 | \$4,512.00 |
| | Project Engineer | 72 | @ | \$53.00 | \$3,816.00 |
| | Design Engineer II | 72 | @ | \$41.00 | \$2,952.00 |
| | Senior CADD Technician | 64 | @ | \$48.20 | \$3,084.80 |
| | | TOTAL HOURS | | 392 | |
| | | | | TOTAL DIRECT LABOR | \$25,024.80 |

MULTIPLIERS

| | | | | |
|---------------------------------------|---------|---|--------------------------|--------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$625.62 | |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$13,553.68 | |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$28,577.13 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$6,778.12 | |
| | | | TOTAL MULTIPLIERS | \$49,534.56 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |
| | | | | TOTAL ODC'S |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|---------------------------------|------------|-------------|----------|-------------------------------------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | \$6,422.00 | \$12,616.02 | \$150.00 | \$19,188.02 |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | \$1,459.84 | \$3,170.27 | | \$4,630.11 |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| | | | | TOTAL SUBCONSULTANT SERVICES |
| | | | | \$23,818.13 |
| | | | | TOTAL |
| | | | | \$98,377.49 |

FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Construction Bidding and Award Supports | PHASE: Phase III |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------|-------------------------|-------|----------|--------|
| James J. Lu | Senior Project Manager | | \$103.00 | |
| Quy T. Nguyen | Senior Bridge Engineer | | \$79.00 | |
| Steve Hosford | Senior Roadway Engineer | | \$75.20 | |
| | Project Engineer | | \$53.00 | |
| | Design Engineer II | | \$41.00 | |
| | Senior CADD Technician | | \$48.20 | |

TOTAL HOURS

TOTAL DIRECT LABOR

MULTIPLIERS

| | | |
|---------------------------------------|---------|---|
| ESCALATION @ | 2.500% | (of Direct Labor) |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) |

TOTAL MULTIPLIERS

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |

TOTAL ODC'S

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|---------------------------------|-------|-------------|-------|-------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | | | | |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | | | | |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |

TOTAL SUBCONSULTANT SERVICES

TOTAL

FEE PROPOSAL WORKSHEET

| | | |
|---|---|---------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Design Construction Supports | PHASE: Phase IV |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | DATE: February 23, 2026 | |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|-----------------|-------------------------|-------|----------|--------|
| James J. Lu | Senior Project Manager | | \$103.00 | |
| Quyut T. Nguyen | Senior Bridge Engineer | | \$79.00 | |
| Steve Hosford | Senior Roadway Engineer | | \$75.20 | |
| | Project Engineer | | \$53.00 | |
| | Design Engineer II | | \$41.00 | |
| | Senior CADD Technician | | \$48.20 | |

TOTAL HOURS TOTAL DIRECT LABOR

MULTIPLIERS

| | | |
|---------------------------------------|---------|--|
| ESCALATION @ | 2.500% | (of Direct Labor) |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) |

TOTAL MULTIPLIERS

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|-----------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | | |

TOTAL ODC'S

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC'S | TOTAL |
|---------------------------------|-------|-------------|-------|-------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | | | | |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | | | | |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |

TOTAL SUBCONSULTANT SERVICES

TOTAL

MANHOOR WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: February 23, 2026 |

| TASK | Resource Allocation | | | | | | HOURS | COST |
|---|------------------------|------------------------|-------------------------|------------------|--------------------|------------------------|-------|----------|
| | SENIOR PROJECT MANAGER | SENIOR BRIDGE ENGINEER | SENIOR ROADWAY ENGINEER | PROJECT ENGINEER | DESIGN ENGINEER II | SENIOR CADD TECHNICIAN | | |
| 4.3.4 Natural Environmental Study | | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | 4 | 8 | 12 | | | | 24 | \$ 5,005 |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | | | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | 4 | 4 | | | | | 8 | \$ 2,169 |
| 4.3.9A Finding of Effect (FoE) (Step-2) | | | | | | | | |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | | | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.5.2 Draft IS/EA for Public Review | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.5.3 Public Review | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | 3 | 3 | | | | | 6 | \$ 1,627 |
| 4.5.5 Final MND/FONSI | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.6 - CEQA EIR - Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for EIR - Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.2 - Admin Draft EIR and MMRP - Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.3 - Draft EIR and MMRP - Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.4 - Public Notices and Meeting- Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.5 - Final EIR and MMRP - Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.6 - Admin Record- Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.7 - NEPA Categorical Exclusion (CE) - RR Ave Bridges | | | | | | | | |

MANHOUR WORKSHEET

| | | |
|---|--|---------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | DATE: February 23, 2026 | |

| TASK | SENIOR PROJECT MANAGER | SENIOR BRIDGE ENGINEER | SENIOR ROADWAY ENGINEER | PROJECT ENGINEER | DESIGN ENGINEER II | SENIOR CADD TECHNICIAN | HOURS | COST |
|------|------------------------|------------------------|-------------------------|------------------|--------------------|------------------------|-------|------|
| | \$306.88 | \$235.37 | \$224.05 | \$157.91 | \$122.16 | \$143.61 | | |

| | | | | | | | | |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|--|
| Total Manhours | 36 | 88 | 60 | 72 | 72 | 64 | 392 | |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|--|

| | | | | | | | | |
|---|----|----|----|----|----|----|-----|-----------|
| 1.1 Project Management | | | | | | | | |
| 1.2 Project Team Meetings | | | | | | | | |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | | |
| 5.1 Foundation Design Report | | | | | | | | |
| 5.2 Storm Water Pollution Prevention Plan (SWPPP) | | | | | | | | |
| 5.3 Utility Relocation Coordination | | | | | | | | |
| 5.4 65% Roadway Plans | | | 16 | | 24 | | 40 | \$ 6,517 |
| 5.5 65% Signing, Striping and Detour Plans | | | | | | | | |
| 5.6 95% Civil Roadway PS&E | | | | | | | | |
| 5.7 Bridge Type Selection | 4 | 28 | 16 | 16 | | 16 | 80 | \$ 16,227 |
| 5.8 65% Unchecked Structure Plans | 4 | 24 | | 24 | 24 | 24 | 100 | \$ 17,045 |
| 5.9 Bridge Design Independent Check | | | | | | | | |
| 5.10 95% Structure PS&E | | | | | | | | |
| 5.11 Final 100% Design PS&E and Contract Bid Documents | | | | | | | | |
| 5.12 Right-of-Way Legal Descriptions and Plats (by County) | | | | | | | | |
| 5.13 Right-of-Way Appraisal and Acquisition (by County) | | | | | | | | |
| 5.14 Engineering Design Modifications and Caltrans Local Assistance Support Services (Step 2) | 24 | 28 | 28 | 24 | 24 | 24 | 152 | \$ 30,397 |
| 6.0 Permitting | | | | | | | | |
| 6.1 USAOE Section 404 Permit | | | | | | | | |
| 6.1.1 Jurisdictional delineation Verification/Update | | | | | | | | |
| 6.1.2 USACOE Approved Jurisdictional Determination Request | | | | | | | | |
| 6.2 RWQCB Waste Discharge Requirements | 4 | 8 | | 8 | | | 20 | \$ 4,374 |

Engineering and Environmental Services

Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] Fee Proposal Summary

February 23, 2026

| COMPANIES | PHASE I | PHASE II | PHASE III | PHASE IV | TOTAL |
|--|----------------------|----------------------|-----------|----------|----------------------|
| CNS Engineers, Inc. Prime | \$ 50,828.88 | \$ 76,971.50 | | | \$ 127,800.38 |
| WSP Parsons Brinckerhoff Environmental | \$ 219,212.86 | | | | \$ 219,212.86 |
| Applied Earthwork Environmental | \$ 12,728.21 | | | | \$ 12,728.21 |
| ICF Jones & Stokes Environmental | \$ 23,916.13 | \$ 19,188.02 | | | \$ 43,104.15 |
| Aguilar Consulting, Inc. (ACI) Channel Hydraulics | \$ 8,226.42 | | | | \$ 8,226.42 |
| Group Delta Consultants Geotechnical and ISA | \$ 5,335.07 | \$ 4,630.11 | | | \$ 9,965.19 |
| CASC Engineering and Consulting Water Quality | | | | | |
| KOA Corporation Traffic | | | | | |
| Overland, Pacific & Cutler Utilities | | | | | |
| TOTAL | \$ 320,247.58 | \$ 100,789.63 | | | \$ 421,037.21 |

- Phase I **Preliminary Engineering & Environmental Documentation**
- Phase II **Plans, Specifications & Estimate (PS&E)**
- Phase III **Construction Bidding and Award Supports**
- Phase IV **Design Construction Supports**

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Project Summary | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|------------------|-------------------------|--------------------|------------|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 105 | @ | \$103.00 | \$10,815.00 |
| Quyett T. Nguyen | Senior Bridge Engineer | 131 | @ | \$79.00 | \$10,349.00 |
| Steve Hosford | Senior Roadway Engineer | 130 | @ | \$75.20 | \$9,776.00 |
| | Project Engineer | 92 | @ | \$53.00 | \$4,876.00 |
| | Design Engineer II | 88 | @ | \$41.00 | \$3,608.00 |
| | Senior CADD Technician | 72 | @ | \$48.20 | \$3,470.40 |
| | | TOTAL HOURS | 618 | TOTAL DIRECT LABOR | \$42,894.40 |

MULTIPLIERS

| | | | | |
|---------------------------------------|---------|--|--------------------------|--------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$1,072.36 | |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$23,232.04 | |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$48,983.37 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$11,618.22 | |
| | | | TOTAL MULTIPLIERS | \$84,905.98 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |
| | | | | TOTAL ODC'S |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL | |
|-------------------------------------|-------------|--------------|------------|---------------------|---------------------|
| WSP Parsons Brinckerhoff | \$72,490.88 | \$145,418.88 | \$1,303.10 | \$219,212.86 | |
| Applied Earthwork | \$5,131.31 | \$7,596.90 | | \$12,728.21 | |
| ICF Jones & Stokes | \$14,438.91 | \$28,365.24 | \$300.00 | \$43,104.15 | |
| Aguilar Consulting, Inc. (ACI) | \$3,286.56 | \$4,939.86 | | \$8,226.42 | |
| Group Delta Consultants | \$3,056.82 | \$6,638.37 | \$270.00 | \$9,965.19 | |
| CASC Engineering and Consulting | | | | | |
| KOA Corporation | | | | | |
| Overland, Pacific & Cutler | | | | | |
| TOTAL SUBCONSULTANT SERVICES | | | | \$293,236.83 | |
| | | | | TOTAL | \$421,037.21 |

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------|-------------------------|--------------------|------------|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 69 | @ | \$103.00 | \$7,107.00 |
| Quy T. Nguyen | Senior Bridge Engineer | 43 | @ | \$79.00 | \$3,397.00 |
| Steve Hosford | Senior Roadway Engineer | 70 | @ | \$75.20 | \$5,264.00 |
| | Project Engineer | 12 | @ | \$53.00 | \$636.00 |
| | Design Engineer II | 16 | @ | \$41.00 | \$656.00 |
| | Senior CADD Technician | | | \$48.20 | |
| | | TOTAL HOURS | 210 | TOTAL DIRECT LABOR | \$17,060.00 |

MULTIPLIERS

| | | | |
|---------------------------------------|---------|--|--------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$426.50 |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$9,239.87 |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$19,481.71 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$4,620.81 |
| TOTAL MULTIPLIERS | | | \$33,768.88 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |
| TOTAL ODC'S | | | | |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|-------------------------------------|-------------|--------------|------------|---------------------|
| WSP Parsons Brinckerhoff | \$72,490.88 | \$145,418.88 | \$1,303.10 | \$219,212.86 |
| Applied Earthwork | \$5,131.31 | \$7,596.90 | | \$12,728.21 |
| ICF Jones & Stokes | \$8,016.91 | \$15,749.22 | \$150.00 | \$23,916.13 |
| Aguilar Consulting, Inc. (ACI) | \$3,286.56 | \$4,939.86 | | \$8,226.42 |
| Group Delta Consultants | \$1,596.98 | \$3,468.09 | \$270.00 | \$5,335.07 |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| TOTAL SUBCONSULTANT SERVICES | | | | \$269,418.70 |
| TOTAL | | | | \$320,247.58 |

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------|-------------------------|--------------------|------------|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 36 | @ | \$103.00 | \$3,708.00 |
| Quy T. Nguyen | Senior Bridge Engineer | 88 | @ | \$79.00 | \$6,952.00 |
| Steve Hosford | Senior Roadway Engineer | 60 | @ | \$75.20 | \$4,512.00 |
| | Project Engineer | 80 | @ | \$53.00 | \$4,240.00 |
| | Design Engineer II | 72 | @ | \$41.00 | \$2,952.00 |
| | Senior CADD Technician | 72 | @ | \$48.20 | \$3,470.40 |
| | | TOTAL HOURS | 408 | TOTAL DIRECT LABOR | \$25,834.40 |

MULTIPLIERS

| | | | | |
|---------------------------------------|---------|--|--------------------------|--------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$645.86 | |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$13,992.17 | |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$29,501.66 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$6,997.41 | |
| | | | TOTAL MULTIPLIERS | \$51,137.10 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |
| | | | | TOTAL ODC'S |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|--|------------|-------------|----------|-------------------------------------|
| WSP Parsons Brinckerhoff Applied Earthwork | | | | |
| ICF Jones & Stokes | \$6,422.00 | \$12,616.02 | \$150.00 | \$19,188.02 |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants CASC Engineering and Consulting | \$1,459.84 | \$3,170.27 | | \$4,630.11 |
| KOA Corporation Overland, Pacific & Cutler | | | | |
| | | | | TOTAL SUBCONSULTANT SERVICES |

TOTAL SUBCONSULTANT SERVICES \$23,818.13

TOTAL \$100,789.63

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Construction Bidding and Award Supports | PHASE: Phase III |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|------------------|-------------------------|-------|----------|--------|
| James J. Lu | Senior Project Manager | | \$103.00 | |
| Quyett T. Nguyen | Senior Bridge Engineer | | \$79.00 | |
| Steve Hosford | Senior Roadway Engineer | | \$75.20 | |
| | Project Engineer | | \$53.00 | |
| | Design Engineer II | | \$41.00 | |
| | Senior CADD Technician | | \$48.20 | |

TOTAL HOURS

TOTAL DIRECT LABOR

MULTIPLIERS

| | | |
|---------------------------------------|---------|--|
| ESCALATION @ | 2.500% | (of Direct Labor) |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) |

TOTAL MULTIPLIERS

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |

TOTAL ODC'S

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|---------------------------------|-------|-------------|-------|-------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | | | | |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | | | | |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |

TOTAL SUBCONSULTANT SERVICES

TOTAL

FEE PROPOSAL WORKSHEET

COMPANY:
CNS Engineers, Inc.

SCOPE OF WORK:
Design Construction Supports

PHASE:
Phase IV

PROJECT:
Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)]

DATE:
February 23, 2026

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|-----------------|-------------------------|-------|----------|--------|
| James J. Lu | Senior Project Manager | | \$103.00 | |
| Quyết T. Nguyen | Senior Bridge Engineer | | \$79.00 | |
| Steve Hosford | Senior Roadway Engineer | | \$75.20 | |
| | Project Engineer | | \$53.00 | |
| | Design Engineer II | | \$41.00 | |
| | Senior CADD Technician | | \$48.20 | |

TOTAL HOURS

TOTAL DIRECT LABOR

MULTIPLIERS

| | | |
|---------------------------------------|---------|---|
| ESCALATION @ | 2.500% | (of Direct Labor) |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) |

TOTAL MULTIPLIERS

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |

TOTAL ODC'S

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC'S | TOTAL |
|---------------------------------|-------|-------------|-------|-------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | | | | |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | | | | |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |

TOTAL SUBCONSULTANT SERVICES

TOTAL

MANHOUR WORKSHEET

| | | |
|--|--|-----------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Manhour Summary | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | DATE: February 23, 2026 | |

| TASK | SENIOR PROJECT MANAGER | SENIOR BRIDGE ENGINEER | SENIOR ROADWAY ENGINEER | PROJECT ENGINEER | DESIGN ENGINEER II | SENIOR CADD TECHNICIAN | HOURS | (Top & Bottom) HOURS |
|------|------------------------|------------------------|-------------------------|------------------|--------------------|------------------------|-------|----------------------|
|------|------------------------|------------------------|-------------------------|------------------|--------------------|------------------------|-------|----------------------|

\$306.88 \$235.37 \$224.05 \$157.91 \$122.16 \$143.61

| | | | | | | | | |
|---------------------|------------|------------|------------|-----------|-----------|-----------|------------|------------|
| PHASE TOTALS | 105 | 131 | 130 | 92 | 88 | 72 | 618 | 618 |
| PHASE I | 69 | 43 | 70 | 12 | 16 | | 210 | 210 |
| PHASE II | 36 | 88 | 60 | 80 | 72 | 72 | 408 | 408 |
| PHASE III | | | | | | | | |
| PHASE IV | | | | | | | | |

| TASK | SENIOR PROJECT MANAGER | SENIOR BRIDGE ENGINEER | SENIOR ROADWAY ENGINEER | PROJECT ENGINEER | DESIGN ENGINEER II | SENIOR CADD TECHNICIAN | HOURS |
|------|------------------------|------------------------|-------------------------|------------------|--------------------|------------------------|-------|
|------|------------------------|------------------------|-------------------------|------------------|--------------------|------------------------|-------|

| | | | | | | | |
|---------------------|--|--|--|--|--|--|--|
| PHASE TOTALS | | | | | | | |
|---------------------|--|--|--|--|--|--|--|

MANHOUR WORKSHEET

COMPANY: **CNS Engineers, Inc.** SCOPE OF WORK: **Preliminary Engineering & Environmental Documentation** PHASE: **Phase I**

PROJECT: **Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)]** DATE: **February 23, 2026**

| TASK | | | | | | | HOURS | COST |
|---|------------------------|------------------------|-------------------------|------------------|--------------------|------------------------|-------|----------|
| | SENIOR PROJECT MANAGER | SENIOR BRIDGE ENGINEER | SENIOR ROADWAY ENGINEER | PROJECT ENGINEER | DESIGN ENGINEER II | SENIOR CADD TECHNICIAN | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | | |
| 4.3.4 Natural Environmental Study | | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | 4 | 8 | 12 | | | | 24 | \$ 5,005 |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | | | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | 4 | 4 | | | | | 8 | \$ 2,169 |
| 4.3.9A Finding of Effect (FoE) (Step-2) | | | | | | | | |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | | | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.5.2 Draft IS/EA for Public Review | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.5.3 Public Review | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | 3 | 3 | | | | | 6 | \$ 1,627 |
| 4.5.5 Final MND/FONSI | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.6 - CEQA EIR - Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for EIR - Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.2 - Admin Draft EIR and MMRP - Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.3 - Draft EIR and MMRP - Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.4 - Public Notices and Meeting- Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.5 - Final EIR and MMRP - Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.6 - Admin Record- Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.7 - NEPA Categorical Exclusion (CE) - RR Ave Bridges | | | | | | | | |

MANHOOR WORKSHEET

| | | |
|--|--|---------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | DATE: February 23, 2026 | |

| TASK | SENIOR PROJECT MANAGER | SENIOR BRIDGE ENGINEER | SENIOR ROADWAY ENGINEER | PROJECT ENGINEER | DESIGN ENGINEER II | SENIOR CADD TECHNICIAN | HOURS | COST |
|------|------------------------|------------------------|-------------------------|------------------|--------------------|------------------------|-------|------|
| | \$306.86 | \$235.37 | \$224.05 | \$157.91 | \$122.16 | \$143.61 | | |

Total Manhours

| | | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 36 | 88 | 60 | 80 | 72 | 72 | 408 |
|-----------|-----------|-----------|-----------|-----------|-----------|------------|

| | | | | | | | | |
|---|----|----|----|----|----|----|-----|-----------|
| 1.1 Project Management | | | | | | | | |
| 1.2 Project Team Meetings | | | | | | | | |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | | |
| 5.1 Foundation Design Report | | | | | | | | |
| 5.2 Storm Water Pollution Prevention Plan (SWPPP) | | | | | | | | |
| 5.3 Utility Relocation Coordination | | | | | | | | |
| 5.4 65% Roadway Plans | | | 16 | | 24 | | 40 | \$ 6,517 |
| 5.5 65% Signing, Striping and Detour Plans | | | | | | | | |
| 5.6 95% Civil Roadway PS&E | | | | | | | | |
| 5.7 Bridge Type Selection | 4 | 28 | 16 | 16 | | 16 | 80 | \$ 16,227 |
| 5.8 65% Unchecked Structure Plans | 4 | 24 | | 32 | 24 | 32 | 116 | \$ 19,457 |
| 5.9 Bridge Design Independent Check | | | | | | | | |
| 5.10 95% Structure PS&E | | | | | | | | |
| 5.11 Final 100% Design PS&E and Contract Bid Documents | | | | | | | | |
| 5.12 Right-of-Way Legal Descriptions and Plats (by County) | | | | | | | | |
| 5.13 Right-of-Way Appraisal and Acquisition (by County) | | | | | | | | |
| 5.14 Engineering Design Modifications and Caltrans Local Assistance Support Services (Step 2) | 24 | 28 | 28 | 24 | 24 | 24 | 152 | \$ 30,397 |
| 6.0 Permitting | | | | | | | | |
| 6.1 USAOE Section 404 Permit | | | | | | | | |
| 6.1.1 Jurisdictional delineation Verification/Update | | | | | | | | |
| 6.1.2 USACOE Approved Jurisdictional Determination Request | | | | | | | | |
| 6.2 RWQCB Waste Discharge Requirements | 4 | 8 | | 8 | | | 20 | \$ 4,374 |
| 6.3 CDFW Section 1602 Streambed Alteration Agreement | | | | | | | | |

Engineering and Environmental Services

Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] Fee Proposal Summary

February 23, 2026

| COMPANIES | PHASE I | PHASE II | PHASE III | PHASE IV | TOTAL |
|--|----------------------|----------------------|-----------|----------|----------------------|
| CNS Engineers, Inc. Prime | \$ 71,655.99 | \$ 88,672.27 | | | \$ 160,328.26 |
| WSP Parsons Brinckerhoff Environmental | \$ 296,810.82 | | | | \$ 296,810.82 |
| Applied Earthwork Environmental | \$ 35,321.64 | | | | \$ 35,321.64 |
| ICF Jones & Stokes Environmental | \$ 10,596.36 | \$ 15,428.08 | | | \$ 26,024.45 |
| Aguilar Consulting, Inc. (ACI) Channel Hydraulics | \$ 5,925.77 | | | | \$ 5,925.77 |
| Group Delta Consultants Geotechnical and ISA | \$ 5,335.07 | \$ 4,630.11 | | | \$ 9,965.19 |
| CASC Engineering and Consulting Water Quality | | | | | |
| KOA Corporation Traffic | | | | | |
| Overland, Pacific & Cutler Utilities | | | | | |
| TOTAL | \$ 425,645.66 | \$ 108,730.47 | | | \$ 534,376.13 |

- Phase I **Preliminary Engineering & Environmental Documentation**
- Phase II **Plans, Specifications & Estimate (PS&E)**
- Phase III **Construction Bidding and Award Supports**
- Phase IV **Design Construction Supports**

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Project Summary | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|-----------------|-------------------------|--------------------|------------|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 122 | @ | \$103.00 | \$12,566.00 |
| Quyut T. Nguyen | Senior Bridge Engineer | 188 | @ | \$79.00 | \$14,852.00 |
| Steve Hosford | Senior Roadway Engineer | 130 | @ | \$75.20 | \$9,776.00 |
| | Project Engineer | 136 | @ | \$53.00 | \$7,208.00 |
| | Design Engineer II | 88 | @ | \$41.00 | \$3,608.00 |
| | Senior CADD Technician | 96 | @ | \$48.20 | \$4,627.20 |
| | | TOTAL HOURS | 760 | TOTAL DIRECT LABOR | \$52,637.20 |

MULTIPLIERS

| | | | | |
|---------------------------------------|---------|---|--------------------------|---------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$1,315.93 | |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$28,508.83 | |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$60,109.18 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$14,257.11 | |
| | | | TOTAL MULTIPLIERS | \$104,191.06 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT | |
|--|----------|------|------------|--------------------|-------------------|
| Reproduction | | LS | | | |
| Mailing and Special Delivery | | LS | | | |
| Mileage and Travel | | LS | | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | 1 | LS | \$3,500.00 | \$3,500.00 | |
| | | | | TOTAL ODC'S | \$3,500.00 |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL | |
|---------------------------------|-------------|--------------|------------|-------------------------------------|---------------------|
| WSP Parsons Brinckerhoff | \$98,304.98 | \$197,202.74 | \$1,303.10 | \$296,810.82 | |
| Applied Earthwork | \$12,720.28 | \$18,832.37 | \$3,769.00 | \$35,321.64 | |
| ICF Jones & Stokes | \$8,677.50 | \$17,046.95 | \$300.00 | \$26,024.45 | |
| Aguilar Consulting, Inc. (ACI) | \$2,367.42 | \$3,558.35 | | \$5,925.77 | |
| Group Delta Consultants | \$3,056.82 | \$6,638.37 | \$270.00 | \$9,965.19 | |
| CASC Engineering and Consulting | | | | | |
| KOA Corporation | | | | | |
| Overland, Pacific & Cutler | | | | | |
| | | | | TOTAL SUBCONSULTANT SERVICES | \$374,047.87 |

TOTAL **\$534,376.13**

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------|-------------------------|--------------------|------------|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 82 | @ | \$103.00 | \$8,446.00 |
| Quy T. Nguyen | Senior Bridge Engineer | 76 | @ | \$79.00 | \$6,004.00 |
| Steve Hosford | Senior Roadway Engineer | 70 | @ | \$75.20 | \$5,264.00 |
| | Project Engineer | 40 | @ | \$53.00 | \$2,120.00 |
| | Design Engineer II | 16 | @ | \$41.00 | \$656.00 |
| | Senior CADD Technician | 8 | @ | \$48.20 | \$385.60 |
| | | TOTAL HOURS | 292 | TOTAL DIRECT LABOR | \$22,875.60 |

MULTIPLIERS

| | | | | |
|---------------------------------------|---------|---|--------------------------|--------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$571.89 | |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$12,389.65 | |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$26,122.85 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$6,196.00 | |
| | | | TOTAL MULTIPLIERS | \$45,280.39 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT | |
|--|----------|------|------------|--------------------|-------------------|
| Reproduction | | LS | | | |
| Mailing and Special Delivery | | LS | | | |
| Mileage and Travel | | LS | | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | 1 | LS @ | \$3,500.00 | \$3,500.00 | |
| | | | | TOTAL ODC'S | \$3,500.00 |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL | |
|---------------------------------|-------------|--------------|------------|-------------------------------------|---------------------|
| WSP Parsons Brinckerhoff | \$98,304.98 | \$197,202.74 | \$1,303.10 | \$296,810.82 | |
| Applied Earthwork | \$12,720.28 | \$18,832.37 | \$3,769.00 | \$35,321.64 | |
| ICF Jones & Stokes | \$3,523.82 | \$6,922.54 | \$150.00 | \$10,596.36 | |
| Aguilar Consulting, Inc. (ACI) | \$2,367.42 | \$3,558.35 | | \$5,925.77 | |
| Group Delta Consultants | \$1,596.98 | \$3,468.09 | \$270.00 | \$5,335.07 | |
| CASC Engineering and Consulting | | | | | |
| KOA Corporation | | | | | |
| Overland, Pacific & Cutler | | | | | |
| | | | | TOTAL SUBCONSULTANT SERVICES | \$353,989.67 |
| | | | | TOTAL | \$425,645.66 |

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|------------------|-------------------------|--------------------|------------|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 40 | @ | \$103.00 | \$4,120.00 |
| Quyett T. Nguyen | Senior Bridge Engineer | 112 | @ | \$79.00 | \$8,848.00 |
| Steve Hosford | Senior Roadway Engineer | 60 | @ | \$75.20 | \$4,512.00 |
| | Project Engineer | 96 | @ | \$53.00 | \$5,088.00 |
| | Design Engineer II | 72 | @ | \$41.00 | \$2,952.00 |
| | Senior CADD Technician | 88 | @ | \$48.20 | \$4,241.60 |
| | | TOTAL HOURS | 468 | TOTAL DIRECT LABOR | \$29,761.60 |

MULTIPLIERS

| | | | | |
|---------------------------------------|---------|---|--------------------------|--------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$744.04 | |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$16,119.18 | |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$33,986.33 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$8,061.12 | |
| | | | TOTAL MULTIPLIERS | \$58,910.67 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |
| | | | | TOTAL ODC'S |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|---|------------|-------------|----------|-------------------------------------|
| WSP Parsons Brinckerhoff Applied Earthwork | | | | |
| ICF Jones & Stokes | \$5,153.68 | \$10,124.40 | \$150.00 | \$15,428.08 |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | \$1,459.84 | \$3,170.27 | | \$4,630.11 |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| | | | | TOTAL SUBCONSULTANT SERVICES |
| | | | | \$20,058.20 |
| | | | | TOTAL |
| | | | | \$108,730.47 |

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Construction Bidding and Award Supports | PHASE: Phase III |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|-----------------|-------------------------|-------|----------|--------|
| James J. Lu | Senior Project Manager | | \$103.00 | |
| Quyet T. Nguyen | Senior Bridge Engineer | | \$79.00 | |
| Steve Hosford | Senior Roadway Engineer | | \$75.20 | |
| | Project Engineer | | \$53.00 | |
| | Design Engineer II | | \$41.00 | |
| | Senior CADD Technician | | \$48.20 | |

TOTAL HOURS

TOTAL DIRECT LABOR

MULTIPLIERS

| | | |
|---------------------------------------|---------|---|
| ESCALATION @ | 2.500% | (of Direct Labor) |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) |

TOTAL MULTIPLIERS

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |

TOTAL ODC'S

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|---------------------------------|-------|-------------|-------|-------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | | | | |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | | | | |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |

TOTAL SUBCONSULTANT SERVICES

TOTAL

FEE PROPOSAL WORKSHEET

| | | |
|--|---|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Design Construction Supports | PHASE: Phase IV |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|------------------|-------------------------|-------------|--------------------|--------|
| James J. Lu | Senior Project Manager | | \$103.00 | |
| Quyett T. Nguyen | Senior Bridge Engineer | | \$79.00 | |
| Steve Hosford | Senior Roadway Engineer | | \$75.20 | |
| | Project Engineer | | \$53.00 | |
| | Design Engineer II | | \$41.00 | |
| | Senior CADD Technician | | \$48.20 | |
| | | TOTAL HOURS | TOTAL DIRECT LABOR | |

MULTIPLIERS

| | | |
|---------------------------------------|---------|---|
| ESCALATION @ | 2.500% | (of Direct Labor) |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) |
| TOTAL MULTIPLIERS | | |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |
| | | | | TOTAL ODC'S |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC'S | TOTAL |
|---------------------------------|-------|-------------|-------|-------------------------------------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | | | | |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | | | | |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| | | | | TOTAL SUBCONSULTANT SERVICES |

TOTAL

MANHOUR WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: February 23, 2026 |

| TASK | PERSONNEL | | | | | | HOURS | COST |
|---|------------------------|------------------------|-------------------------|------------------|--------------------|------------------------|-------|----------|
| | SENIOR PROJECT MANAGER | SENIOR BRIDGE ENGINEER | SENIOR ROADWAY ENGINEER | PROJECT ENGINEER | DESIGN ENGINEER II | SENIOR CADD TECHNICIAN | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | | |
| 4.3.4 Natural Environmental Study | | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | 2 | 8 | 16 | | | | 26 | \$ 5,023 |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.3.9A Finding of Effect (FoE) (Step-2) | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | 2 | 8 | 8 | | | | 18 | \$ 3,760 |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.2 Draft IS/EA for Public Review | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.3 Public Review | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.5 Final MND/FONSI | 1 | 1 | | | | | 2 | \$ 542 |
| 4.6 - CEQA EIR - Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for EIR - Chuckwalla Valley Road Bridges | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.6.2 - Admin Draft EIR and MMRP - Chuckwalla Valley Road Bridges | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.6.3 - Draft EIR and MMRP - Chuckwalla Valley Road Bridges | 1 | 1 | | | | | 2 | \$ 542 |
| 4.6.4 - Public Notices and Meeting- Chuckwalla Valley Road Bridges | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.6.5 - Final EIR and MMRP - Chuckwalla Valley Road Bridges | 4 | 4 | | | | | 8 | \$ 2,169 |
| 4.6.6 - Admin Record- Chuckwalla Valley Road Bridges | 1 | 1 | | | | | 2 | \$ 542 |

Engineering and Environmental Services

Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] Fee Proposal Summary

February 23, 2026

| COMPANIES | PHASE I | PHASE II | PHASE III | PHASE IV | TOTAL |
|--|----------------------|----------------------|-----------|----------|----------------------|
| CNS Engineers, Inc. Prime | \$ 71,655.99 | \$ 88,672.27 | | | \$ 160,328.26 |
| WSP Parsons Brinckerhoff Environmental | \$ 296,810.82 | | | | \$ 296,810.82 |
| Applied Earthwork Environmental | \$ 35,321.64 | | | | \$ 35,321.64 |
| ICF Jones & Stokes Environmental | \$ 10,596.36 | \$ 15,428.08 | | | \$ 26,024.45 |
| Agullar Consulting, Inc. (ACI) Channel Hydraulics | \$ 5,925.77 | | | | \$ 5,925.77 |
| | | | | | |
| Group Delta Consultants Geotechnical and ISA | \$ 5,335.07 | \$ 4,630.11 | | | \$ 9,965.19 |
| CASC Engineering and Consulting Water Quality | | | | | |
| KOA Corporation Traffic | | | | | |
| Overland, Pacific & Cutler Utilities | | | | | |
| TOTAL | \$ 425,645.66 | \$ 108,730.47 | | | \$ 534,376.13 |

Phase I **Preliminary Engineering & Environmental Documentation**

Phase II **Plans, Specifications & Estimate (PS&E)**

Phase III **Construction Bidding and Award Supports**

Phase IV **Design Construction Supports**

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Project Summary | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------|-------------------------|--------------------|------------|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 122 | @ | \$103.00 | \$12,566.00 |
| Quy T. Nguyen | Senior Bridge Engineer | 188 | @ | \$79.00 | \$14,852.00 |
| Steve Hosford | Senior Roadway Engineer | 130 | @ | \$75.20 | \$9,776.00 |
| | Project Engineer | 136 | @ | \$53.00 | \$7,208.00 |
| | Design Engineer II | 88 | @ | \$41.00 | \$3,608.00 |
| | Senior CADD Technician | 96 | @ | \$48.20 | \$4,627.20 |
| | | TOTAL HOURS | 760 | TOTAL DIRECT LABOR | \$52,637.20 |

MULTIPLIERS

| | | | | |
|---------------------------------------|---------|---|--------------------------|---------------------|
| ESCALATION @ | 4.585% | (of Direct Labor) | \$1,315.93 | |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$28,508.83 | |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$60,109.18 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$14,257.11 | |
| | | | TOTAL MULTIPLIERS | \$104,191.06 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|--------------------|-------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | 1 | LS | \$3,500.00 | \$3,500.00 |
| | | | TOTAL ODC'S | \$3,500.00 |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL | |
|-------------------------------------|-------------|--------------|------------|---------------------|---------------------|
| WSP Parsons Brinckerhoff | \$98,304.98 | \$197,202.74 | \$1,303.10 | \$296,810.82 | |
| Applied Earthwork | \$12,720.28 | \$18,832.37 | \$3,769.00 | \$35,321.64 | |
| ICF Jones & Stokes | \$8,677.50 | \$17,046.95 | \$300.00 | \$26,024.45 | |
| Aguilar Consulting, Inc. (ACI) | \$2,367.42 | \$3,558.35 | | \$5,925.77 | |
| Group Delta Consultants | \$3,056.82 | \$6,638.37 | \$270.00 | \$9,965.19 | |
| CASC Engineering and Consulting | | | | | |
| KOA Corporation | | | | | |
| Overland, Pacific & Cutler | | | | | |
| TOTAL SUBCONSULTANT SERVICES | | | | \$374,047.87 | |
| | | | | TOTAL | \$534,376.13 |

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|------------------|-------------------------|--------------------|------------|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 82 | @ | \$103.00 | \$8,446.00 |
| Quyett T. Nguyen | Senior Bridge Engineer | 76 | @ | \$79.00 | \$6,004.00 |
| Steve Hosford | Senior Roadway Engineer | 70 | @ | \$75.20 | \$5,264.00 |
| | Project Engineer | 40 | @ | \$53.00 | \$2,120.00 |
| | Design Engineer II | 16 | @ | \$41.00 | \$656.00 |
| | Senior CADD Technician | 8 | @ | \$48.20 | \$385.60 |
| | | TOTAL HOURS | 292 | TOTAL DIRECT LABOR | \$22,875.60 |

MULTIPLIERS

| | | | |
|---------------------------------------|---------|---|--------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$571.89 |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$12,389.65 |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$26,122.85 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$6,196.00 |
| TOTAL MULTIPLIERS | | | \$45,280.39 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|--------------|-------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | 1 | LS | @ \$3,500.00 | \$3,500.00 |
| TOTAL ODC'S | | | | \$3,500.00 |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|-------------------------------------|-------------|--------------|------------|---------------------|
| WSP Parsons Brinckerhoff | \$98,304.98 | \$197,202.74 | \$1,303.10 | \$296,810.82 |
| Applied Earthwork | \$12,720.28 | \$18,832.37 | \$3,769.00 | \$35,321.64 |
| ICF Jones & Stokes | \$3,523.82 | \$6,922.54 | \$150.00 | \$10,596.36 |
| Aguilar Consulting, Inc. (ACI) | \$2,367.42 | \$3,558.35 | | \$5,925.77 |
| Group Delta Consultants | \$1,596.98 | \$3,468.09 | \$270.00 | \$5,335.07 |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| TOTAL SUBCONSULTANT SERVICES | | | | \$353,989.67 |
| TOTAL | | | | \$425,645.66 |

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT | |
|---------------|-------------------------|--------------------|------------|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 40 | @ \$103.00 | \$4,120.00 | |
| Quy T. Nguyen | Senior Bridge Engineer | 112 | @ \$79.00 | \$8,848.00 | |
| Steve Hosford | Senior Roadway Engineer | 60 | @ \$75.20 | \$4,512.00 | |
| | Project Engineer | 96 | @ \$53.00 | \$5,088.00 | |
| | Design Engineer II | 72 | @ \$41.00 | \$2,952.00 | |
| | Senior CADD Technician | 88 | @ \$48.20 | \$4,241.60 | |
| | | TOTAL HOURS | 468 | TOTAL DIRECT LABOR | \$29,761.60 |

MULTIPLIERS

| | | | |
|---------------------------------------|---------|---|--------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$744.04 |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$16,119.18 |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$33,986.33 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$8,061.12 |
| TOTAL MULTIPLIERS | | | \$58,910.67 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |
| TOTAL ODC'S | | | | |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|-------------------------------------|------------|-------------|----------|---------------------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | \$5,153.68 | \$10,124.40 | \$150.00 | \$15,428.08 |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | \$1,459.84 | \$3,170.27 | | \$4,630.11 |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| TOTAL SUBCONSULTANT SERVICES | | | | \$20,058.20 |
| TOTAL | | | | \$108,730.47 |

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Construction Bidding and Award Supports | PHASE: Phase III |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|-----------------|-------------------------|-------------|--------------------|--------|
| James J. Lu | Senior Project Manager | | \$103.00 | |
| Quyết T. Nguyen | Senior Bridge Engineer | | \$79.00 | |
| Steve Hosford | Senior Roadway Engineer | | \$75.20 | |
| | Project Engineer | | \$53.00 | |
| | Design Engineer II | | \$41.00 | |
| | Senior CADD Technician | | \$48.20 | |
| | | TOTAL HOURS | TOTAL DIRECT LABOR | |

MULTIPLIERS

| | | |
|---------------------------------------|---------|---|
| ESCALATION @ | 2.500% | (of Direct Labor) |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) |
| TOTAL MULTIPLIERS | | |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |
| TOTAL ODC'S | | | | |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|---------------------------------|-------|-------------|-------|-------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | | | | |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | | | | |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| TOTAL SUBCONSULTANT SERVICES | | | | |

TOTAL

FEE PROPOSAL WORKSHEET

| | | |
|--|---|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Design Construction Supports | PHASE: Phase IV |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|-----------------|-------------------------|-------|----------|--------|
| James J. Lu | Senior Project Manager | | \$103.00 | |
| Quyet T. Nguyen | Senior Bridge Engineer | | \$79.00 | |
| Steve Hosford | Senior Roadway Engineer | | \$75.20 | |
| | Project Engineer | | \$53.00 | |
| | Design Engineer II | | \$41.00 | |
| | Senior CADD Technician | | \$48.20 | |

TOTAL HOURS TOTAL DIRECT LABOR

MULTIPLIERS

| | | |
|---------------------------------------|---------|---|
| ESCALATION @ | 2.500% | (of Direct Labor) |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) |

TOTAL MULTIPLIERS

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|-----------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | | |

TOTAL ODC'S

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|---------------------------------|-------|-------------|-------|-------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | | | | |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | | | | |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |

TOTAL SUBCONSULTANT SERVICES

TOTAL

MANHOUR WORKSHEET

| | | |
|--|--|--------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | DATE: February 23, 2026 | |

| TASK | | | | | | | HOURS | COST |
|---|------------------------|------------------------|-------------------------|------------------|--------------------|------------------------|-------|----------|
| | SENIOR PROJECT MANAGER | SENIOR BRIDGE ENGINEER | SENIOR ROADWAY ENGINEER | PROJECT ENGINEER | DESIGN ENGINEER II | SENIOR CADD TECHNICIAN | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | | |
| 4.3.4 Natural Environmental Study | | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | 2 | 8 | | 16 | | | 26 | \$ 5,023 |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.3.9A Finding of Effect (FoE) (Step-2) | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | 2 | 8 | | 8 | | | 18 | \$ 3,760 |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.2 Draft IS/EA for Public Review | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.3 Public Review | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.5 Final MND/FONSI | 1 | 1 | | | | | 2 | \$ 542 |
| 4.6 - CEQA EIR - Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for EIR - Chuckwalla Valley Road Bridges | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.6.2 - Admin Draft EIR and MMRP - Chuckwalla Valley Road Bridges | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.6.3 - Draft EIR and MMRP - Chuckwalla Valley Road Bridges | 1 | 1 | | | | | 2 | \$ 542 |
| 4.6.4 - Public Notices and Meeting- Chuckwalla Valley Road Bridges | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.6.5 - Final EIR and MMRP - Chuckwalla Valley Road Bridges | 4 | 4 | | | | | 8 | \$ 2,169 |
| 4.6.6 - Admin Record- Chuckwalla Valley Road Bridges | 1 | 1 | | | | | 2 | \$ 542 |
| 4.7 - NEPA Categorical Exclusion (CE) - RR Ave Bridges | | | | | | | | |

Engineering and Environmental Services

Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] Fee Proposal Summary

February 23, 2026

| COMPANIES | PHASE I | PHASE II | PHASE III | PHASE IV | TOTAL |
|--|----------------------|----------------------|-----------|----------|----------------------|
| CNS Engineers, Inc. Prime | \$ 71,655.99 | \$ 88,672.27 | | | \$ 160,328.26 |
| WSP Parsons Brinckerhoff Environmental | \$ 296,810.82 | | | | \$ 296,810.82 |
| Applied Earthwork Environmental | \$ 35,321.64 | | | | \$ 35,321.64 |
| ICF Jones & Stokes Environmental | \$ 10,596.36 | \$ 15,428.08 | | | \$ 26,024.45 |
| Agullar Consulting, Inc. (ACI) Channel Hydraulics | \$ 5,925.77 | | | | \$ 5,925.77 |
| Group Delta Consultants Geotechnical and ISA | \$ 5,335.07 | \$ 4,630.11 | | | \$ 9,965.19 |
| CASC Engineering and Consulting Water Quality | | | | | |
| KOA Corporation Traffic | | | | | |
| Overland, Pacific & Cutler Utilities | | | | | |
| TOTAL | \$ 425,645.66 | \$ 108,730.47 | | | \$ 534,376.13 |

- Phase I **Preliminary Engineering & Environmental Documentation**
- Phase II **Plans, Specifications & Estimate (PS&E)**
- Phase III **Construction Bidding and Award Supports**
- Phase IV **Design Construction Supports**

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Project Summary | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------|-------------------------|--------------------|------------|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 122 | @ | \$103.00 | \$12,566.00 |
| Quy T. Nguyen | Senior Bridge Engineer | 188 | @ | \$79.00 | \$14,852.00 |
| Steve Hosford | Senior Roadway Engineer | 130 | @ | \$75.20 | \$9,776.00 |
| | Project Engineer | 136 | @ | \$53.00 | \$7,208.00 |
| | Design Engineer II | 88 | @ | \$41.00 | \$3,608.00 |
| | Senior CADD Technician | 96 | @ | \$48.20 | \$4,627.20 |
| | | TOTAL HOURS | 760 | TOTAL DIRECT LABOR | \$52,637.20 |

MULTIPLIERS

| | | | | |
|---------------------------------------|---------|---|--------------------------|---------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$1,315.93 | |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$28,508.83 | |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$60,109.18 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$14,257.11 | |
| | | | TOTAL MULTIPLIERS | \$104,191.06 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|--------------------|-------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | 1 | LS | \$3,500.00 | \$3,500.00 |
| | | | TOTAL ODC'S | \$3,500.00 |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL | |
|-------------------------------------|-------------|--------------|------------|---------------------|---------------------|
| WSP Parsons Brinckerhoff | \$98,304.98 | \$197,202.74 | \$1,303.10 | \$296,810.82 | |
| Applied Earthwork | \$12,720.28 | \$18,832.37 | \$3,769.00 | \$35,321.64 | |
| ICF Jones & Stokes | \$8,677.50 | \$17,046.95 | \$300.00 | \$26,024.45 | |
| Aguilar Consulting, Inc. (ACI) | \$2,367.42 | \$3,558.35 | | \$5,925.77 | |
| Group Delta Consultants | \$3,056.82 | \$6,638.37 | \$270.00 | \$9,965.19 | |
| CASC Engineering and Consulting | | | | | |
| KOA Corporation | | | | | |
| Overland, Pacific & Cutler | | | | | |
| TOTAL SUBCONSULTANT SERVICES | | | | \$374,047.87 | |
| | | | | TOTAL | \$534,376.13 |

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|------------------|-------------------------|--------------------|------------|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 82 | @ | \$103.00 | \$8,446.00 |
| Quyett T. Nguyen | Senior Bridge Engineer | 76 | @ | \$79.00 | \$6,004.00 |
| Steve Hosford | Senior Roadway Engineer | 70 | @ | \$75.20 | \$5,264.00 |
| | Project Engineer | 40 | @ | \$53.00 | \$2,120.00 |
| | Design Engineer II | 16 | @ | \$41.00 | \$656.00 |
| | Senior CADD Technician | 8 | @ | \$48.20 | \$385.60 |
| | | TOTAL HOURS | 292 | TOTAL DIRECT LABOR | \$22,875.60 |

MULTIPLIERS

| | | | |
|---------------------------------------|---------|---|--------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$571.89 |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$12,389.65 |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$26,122.85 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$6,196.00 |
| TOTAL MULTIPLIERS | | | \$45,280.39 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|--------------|-------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | 1 | LS | @ \$3,500.00 | \$3,500.00 |
| TOTAL ODC'S | | | | \$3,500.00 |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC'S | TOTAL |
|-------------------------------------|-------------|--------------|------------|---------------------|
| WSP Parsons Brinckerhoff | \$98,304.98 | \$197,202.74 | \$1,303.10 | \$296,810.82 |
| Applied Earthwork | \$12,720.28 | \$18,832.37 | \$3,769.00 | \$35,321.64 |
| ICF Jones & Stokes | \$3,523.82 | \$6,922.54 | \$150.00 | \$10,596.36 |
| Aguilar Consulting, Inc. (ACI) | \$2,367.42 | \$3,558.35 | | \$5,925.77 |
| Group Delta Consultants | \$1,596.98 | \$3,468.09 | \$270.00 | \$5,335.07 |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| TOTAL SUBCONSULTANT SERVICES | | | | \$353,989.67 |

TOTAL \$425,645.66

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------|-------------------------|------------|---|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 40 | @ | \$103.00 | \$4,120.00 |
| Quy T. Nguyen | Senior Bridge Engineer | 112 | @ | \$79.00 | \$8,848.00 |
| Steve Hosford | Senior Roadway Engineer | 60 | @ | \$75.20 | \$4,512.00 |
| | Project Engineer | 96 | @ | \$53.00 | \$5,088.00 |
| | Design Engineer II | 72 | @ | \$41.00 | \$2,952.00 |
| | Senior CADD Technician | 88 | @ | \$48.20 | \$4,241.60 |
| TOTAL HOURS | | 468 | | TOTAL DIRECT LABOR | \$29,761.60 |

MULTIPLIERS

| | | | |
|---------------------------------------|---------|---|--------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$744.04 |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$16,119.18 |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$33,986.33 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$8,061.12 |
| TOTAL MULTIPLIERS | | | \$58,910.67 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |
| TOTAL ODC'S | | | | |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|-------------------------------------|------------|-------------|----------|---------------------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | \$5,153.68 | \$10,124.40 | \$150.00 | \$15,428.08 |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | \$1,459.84 | \$3,170.27 | | \$4,630.11 |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| TOTAL SUBCONSULTANT SERVICES | | | | \$20,058.20 |
| TOTAL | | | | \$108,730.47 |

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Construction Bidding and Award Supports | PHASE: Phase III |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|-----------------|-------------------------|-------|----------|--------|
| James J. Lu | Senior Project Manager | | \$103.00 | |
| Quyut T. Nguyen | Senior Bridge Engineer | | \$79.00 | |
| Steve Hosford | Senior Roadway Engineer | | \$75.20 | |
| | Project Engineer | | \$53.00 | |
| | Design Engineer II | | \$41.00 | |
| | Senior CADD Technician | | \$48.20 | |

TOTAL HOURS

TOTAL DIRECT LABOR

MULTIPLIERS

| | | |
|---------------------------------------|---------|---|
| ESCALATION @ | 2.500% | (of Direct Labor) |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) |

TOTAL MULTIPLIERS

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |

TOTAL ODC'S

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC'S | TOTAL |
|---------------------------------|-------|-------------|-------|-------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | | | | |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | | | | |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |

TOTAL SUBCONSULTANT SERVICES

TOTAL

FEE PROPOSAL WORKSHEET

| | | |
|--|---|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Design Construction Supports | PHASE: Phase IV |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|------------------|-------------------------|-------|----------|--------|
| James J. Lu | Senior Project Manager | | \$103.00 | |
| Quyett T. Nguyen | Senior Bridge Engineer | | \$79.00 | |
| Steve Hosford | Senior Roadway Engineer | | \$75.20 | |
| | Project Engineer | | \$53.00 | |
| | Design Engineer II | | \$41.00 | |
| | Senior CADD Technician | | \$48.20 | |

TOTAL HOURS

TOTAL DIRECT LABOR

MULTIPLIERS

| | | |
|---------------------------------------|---------|---|
| ESCALATION @ | 2.500% | (of Direct Labor) |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) |

TOTAL MULTIPLIERS

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |

TOTAL ODC'S

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|---------------------------------|-------|-------------|-------|-------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | | | | |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | | | | |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |

TOTAL SUBCONSULTANT SERVICES

TOTAL

MANHOUR WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: February 23, 2026 |

| TASK | | | | | | | HOURS | COST |
|---|------------------------|------------------------|-------------------------|------------------|--------------------|------------------------|-------|----------|
| | SENIOR PROJECT MANAGER | SENIOR BRIDGE ENGINEER | SENIOR ROADWAY ENGINEER | PROJECT ENGINEER | DESIGN ENGINEER II | SENIOR CADD TECHNICIAN | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | | |
| 4.3.4 Natural Environmental Study | | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | 2 | 8 | | 16 | | | 26 | \$ 5,023 |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.3.9A Finding of Effect (FoE) (Step-2) | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | 2 | 8 | | 8 | | | 18 | \$ 3,760 |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.2 Draft IS/EA for Public Review | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.3 Public Review | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.5 Final MND/FONSI | 1 | 1 | | | | | 2 | \$ 542 |
| 4.6 - CEQA EIR - Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for EIR - Chuckwalla Valley Road Bridges | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.6.2 - Admin Draft EIR and MMRP - Chuckwalla Valley Road Bridges | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.6.3 - Draft EIR and MMRP - Chuckwalla Valley Road Bridges | 1 | 1 | | | | | 2 | \$ 542 |
| 4.6.4 - Public Notices and Meeting- Chuckwalla Valley Road Bridges | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.6.5 - Final EIR and MMRP - Chuckwalla Valley Road Bridges | 4 | 4 | | | | | 8 | \$ 2,169 |
| 4.6.6 - Admin Record- Chuckwalla Valley Road Bridges | 1 | 1 | | | | | 2 | \$ 542 |
| 4.7 - NEPA Categorical Exclusion (CE) - RR Ave Bridges | | | | | | | | |

Engineering and Environmental Services

Replacement of Chuckwalla Valley Road Bridge over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] Fee Proposal Summary

February 23, 2026

| COMPANIES | PHASE I | PHASE II | PHASE III | PHASE IV | TOTAL |
|--|----------------------|----------------------|-----------|----------|----------------------|
| CNS Engineers, Inc. Prime | \$ 71,655.99 | \$ 88,672.27 | | | \$ 160,328.26 |
| WSP Parsons Brinckerhoff Environmental | \$ 296,810.82 | | | | \$ 296,810.82 |
| Applied Earthwork Environmental | \$ 35,321.64 | | | | \$ 35,321.64 |
| ICF Jones & Stokes Environmental | \$ 10,596.36 | \$ 15,428.08 | | | \$ 26,024.45 |
| Agullar Consulting, Inc. (ACI) Channel Hydraulics | \$ 8,458.61 | | | | \$ 8,458.61 |
| Group Delta Consultants Geotechnical and ISA | \$ 5,335.07 | \$ 4,630.11 | | | \$ 9,965.19 |
| CASC Engineering and Consulting Water Quality | | | | | |
| KOA Corporation Traffic | | | | | |
| Overland, Pacific & Cutler Utilities | | | | | |
| TOTAL | \$ 428,178.50 | \$ 108,730.47 | | | \$ 536,908.96 |

- Phase I **Preliminary Engineering & Environmental Documentation**
- Phase II **Plans, Specifications & Estimate (PS&E)**
- Phase III **Construction Bidding and Award Supports**
- Phase IV **Design Construction Supports**

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Project Summary | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT | |
|------------------|-------------------------|--------------------|---|------------|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 122 | @ | \$103.00 | \$12,566.00 | |
| Quyett T. Nguyen | Senior Bridge Engineer | 188 | @ | \$79.00 | \$14,852.00 | |
| Steve Hosford | Senior Roadway Engineer | 130 | @ | \$75.20 | \$9,776.00 | |
| | Project Engineer | 136 | @ | \$53.00 | \$7,208.00 | |
| | Design Engineer II | 88 | @ | \$41.00 | \$3,608.00 | |
| | Senior CADD Technician | 96 | @ | \$48.20 | \$4,627.20 | |
| | | TOTAL HOURS | | 760 | TOTAL DIRECT LABOR | \$52,637.20 |

MULTIPLIERS

| | | | |
|---------------------------------------|---------|---|---------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$1,315.93 |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$28,508.83 |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$60,109.18 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$14,257.11 |
| TOTAL MULTIPLIERS | | | \$104,191.06 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|-------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | 1 | LS | \$3,500.00 | \$3,500.00 |
| TOTAL ODC'S | | | | \$3,500.00 |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|-------------------------------------|-------------|--------------|------------|---------------------|
| WSP Parsons Brinckerhoff | \$98,304.98 | \$197,202.74 | \$1,303.10 | \$296,810.82 |
| Applied Earthwork | \$12,720.28 | \$18,832.37 | \$3,769.00 | \$35,321.64 |
| ICF Jones & Stokes | \$8,677.50 | \$17,046.95 | \$300.00 | \$26,024.45 |
| Aguilar Consulting, Inc. (ACI) | \$3,379.32 | \$5,079.29 | | \$8,458.61 |
| Group Delta Consultants | \$3,056.82 | \$6,638.37 | \$270.00 | \$9,965.19 |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |
| TOTAL SUBCONSULTANT SERVICES | | | | \$376,580.70 |

TOTAL \$536,908.96

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------|-------------------------|--------------------|---|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 82 | @ | \$103.00 | \$8,446.00 |
| Quy T. Nguyen | Senior Bridge Engineer | 76 | @ | \$79.00 | \$6,004.00 |
| Steve Hosford | Senior Roadway Engineer | 70 | @ | \$75.20 | \$5,264.00 |
| | Project Engineer | 40 | @ | \$53.00 | \$2,120.00 |
| | Design Engineer II | 16 | @ | \$41.00 | \$656.00 |
| | Senior CADD Technician | 8 | @ | \$48.20 | \$385.60 |
| | | TOTAL HOURS | | | 292 |
| | | | | TOTAL DIRECT LABOR | \$22,875.60 |

MULTIPLIERS

| | | | | |
|---------------------------------------|---------|---|--------------------------|--------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$571.89 | |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$12,389.65 | |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$26,122.85 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$6,196.00 | |
| | | | TOTAL MULTIPLIERS | \$45,280.39 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT | |
|--|----------|------|------------|--------------------|-------------------|
| Reproduction | | LS | | | |
| Mailing and Special Delivery | | LS | | | |
| Mileage and Travel | | LS | | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | 1 | LS @ | \$3,500.00 | \$3,500.00 | |
| | | | | TOTAL ODC'S | \$3,500.00 |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL | |
|---------------------------------|-------------|--------------|------------|-------------------------------------|---------------------|
| WSP Parsons Brinckerhoff | \$98,304.98 | \$197,202.74 | \$1,303.10 | \$296,810.82 | |
| Applied Earthwork | \$12,720.28 | \$18,832.37 | \$3,769.00 | \$35,321.64 | |
| ICF Jones & Stokes | \$3,523.82 | \$6,922.54 | \$150.00 | \$10,596.36 | |
| Aguilar Consulting, Inc. (ACI) | \$3,379.32 | \$5,079.29 | | \$8,458.61 | |
| Group Delta Consultants | \$1,596.98 | \$3,468.09 | \$270.00 | \$5,335.07 | |
| CASC Engineering and Consulting | | | | | |
| KOA Corporation | | | | | |
| Overland, Pacific & Cutler | | | | | |
| | | | | TOTAL SUBCONSULTANT SERVICES | \$356,522.51 |

TOTAL \$428,178.50

FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------|-------------------------|--------------------|------------|---------------------------|--------------------|
| James J. Lu | Senior Project Manager | 40 | @ | \$103.00 | \$4,120.00 |
| Quy T. Nguyen | Senior Bridge Engineer | 112 | @ | \$79.00 | \$8,848.00 |
| Steve Hosford | Senior Roadway Engineer | 60 | @ | \$75.20 | \$4,512.00 |
| | Project Engineer | 96 | @ | \$53.00 | \$5,088.00 |
| | Design Engineer II | 72 | @ | \$41.00 | \$2,952.00 |
| | Senior CADD Technician | 88 | @ | \$48.20 | \$4,241.60 |
| | | TOTAL HOURS | 468 | TOTAL DIRECT LABOR | \$29,761.60 |

MULTIPLIERS

| | | | | |
|---------------------------------------|---------|---|--------------------------|--------------------|
| ESCALATION @ | 2.500% | (of Direct Labor) | \$744.04 | |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) | \$16,119.18 | |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) | \$33,986.33 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$8,061.12 | |
| | | | TOTAL MULTIPLIERS | \$58,910.67 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |
| | | | | TOTAL ODC'S |

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC'S | TOTAL | |
|---|------------|-------------|----------|--------------------|---------------------|
| WSP Parsons Brinckerhoff Applied Earthwork ICF Jones & Stokes Aguilar Consulting, Inc. (ACI) | \$5,153.68 | \$10,124.40 | \$150.00 | \$15,428.08 | |
| Group Delta Consultants CASC Engineering and Consulting KOA Corporation Overland, Pacific & Cutler | \$1,459.84 | \$3,170.27 | | \$4,630.11 | |
| TOTAL SUBCONSULTANT SERVICES | | | | \$20,058.20 | |
| | | | | TOTAL | \$108,730.47 |

FEE PROPOSAL WORKSHEET

| | | | |
|--|--|--|----------------------------|
| COMPANY: CNS Engineers, Inc. | | SCOPE OF WORK: Construction Bidding and Award Supports | PHASE: Phase III |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: February 23, 2026 | |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|-----------------|-------------------------|-------|----------|--------|
| James J. Lu | Senior Project Manager | | \$103.00 | |
| Quyut T. Nguyen | Senior Bridge Engineer | | \$79.00 | |
| Steve Hosford | Senior Roadway Engineer | | \$75.20 | |
| | Project Engineer | | \$53.00 | |
| | Design Engineer II | | \$41.00 | |
| | Senior CADD Technician | | \$48.20 | |

TOTAL HOURS TOTAL DIRECT LABOR

MULTIPLIERS

| | | |
|---------------------------------------|---------|---|
| ESCALATION @ | 2.500% | (of Direct Labor) |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) |

TOTAL MULTIPLIERS

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |

TOTAL ODC'S

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC'S | TOTAL |
|---------------------------------|-------|-------------|-------|-------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | | | | |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | | | | |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |

TOTAL SUBCONSULTANT SERVICES

TOTAL

FEE PROPOSAL WORKSHEET

| | | |
|--|---|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Design Construction Supports | PHASE: Phase IV |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: February 23, 2026 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|------------------|-------------------------|-------|----------|--------|
| James J. Lu | Senior Project Manager | | \$103.00 | |
| Quyett T. Nguyen | Senior Bridge Engineer | | \$79.00 | |
| Steve Hosford | Senior Roadway Engineer | | \$75.20 | |
| | Project Engineer | | \$53.00 | |
| | Design Engineer II | | \$41.00 | |
| | Senior CADD Technician | | \$48.20 | |

TOTAL HOURS

TOTAL DIRECT LABOR

MULTIPLIERS

| | | |
|---------------------------------------|---------|---|
| ESCALATION @ | 2.500% | (of Direct Labor) |
| FRINGE BENEFIT @ | 52.84% | (of Direct Labor + Escalation) |
| GENERAL AND ADMINISTRATIVE OVERHEAD @ | 111.41% | (of Direct Labor + Escalation) |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) |

TOTAL MULTIPLIERS

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|------|------------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| Miscellaneous (Conference Calls and Supplemental Design Surveys) | | LS | | |
| As-needed Photo Simulation at Chuckwalla Valley Road Bridges | | LS | \$3,500.00 | |

TOTAL ODC'S

SUB CONSULTANT SERVICES

| COMPANY | LABOR | MULTIPLIERS | ODC's | TOTAL |
|---------------------------------|-------|-------------|-------|-------|
| WSP Parsons Brinckerhoff | | | | |
| Applied Earthwork | | | | |
| ICF Jones & Stokes | | | | |
| Aguilar Consulting, Inc. (ACI) | | | | |
| Group Delta Consultants | | | | |
| CASC Engineering and Consulting | | | | |
| KOA Corporation | | | | |
| Overland, Pacific & Cutler | | | | |

TOTAL SUBCONSULTANT SERVICES

TOTAL

MANHOUR WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: CNS Engineers, Inc. | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: February 23, 2026 |

| TASK | PERSONNEL | | | | | | HOURS | COST |
|---|------------------------|------------------------|-------------------------|------------------|--------------------|------------------------|-------|----------|
| | SENIOR PROJECT MANAGER | SENIOR BRIDGE ENGINEER | SENIOR ROADWAY ENGINEER | PROJECT ENGINEER | DESIGN ENGINEER II | SENIOR CADD TECHNICIAN | | |
| 4.3.4 Natural Environmental Study | | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | 2 | 8 | | 16 | | | 26 | \$ 5,023 |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.3.9A Finding of Effect (FoE) (Step-2) | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | 2 | 8 | | 8 | | | 18 | \$ 3,760 |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.2 Draft IS/EA for Public Review | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.3 Public Review | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | 1 | 1 | | | | | 2 | \$ 542 |
| 4.5.5 Final MND/FONSI | 1 | 1 | | | | | 2 | \$ 542 |
| 4.6 - CEQA EIR - Chuckwalla Valley Road Bridges | | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for EIR - Chuckwalla Valley Road Bridges | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.6.2 - Admin Draft EIR and MMRP - Chuckwalla Valley Road Bridges | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.6.3 - Draft EIR and MMRP - Chuckwalla Valley Road Bridges | 1 | 1 | | | | | 2 | \$ 542 |
| 4.6.4 - Public Notices and Meeting- Chuckwalla Valley Road Bridges | 2 | 2 | | | | | 4 | \$ 1,085 |
| 4.6.5 - Final EIR and MMRP - Chuckwalla Valley Road Bridges | 4 | 4 | | | | | 8 | \$ 2,169 |
| 4.6.6 - Admin Record- Chuckwalla Valley Road Bridges | 1 | 1 | | | | | 2 | \$ 542 |
| 4.7 - NEPA Categorical Exclusion (CE) - RR Ave Bridges | | | | | | | | |
| 4.8 - Paleontological Resources Assessment and Monitoring Plans | | | | | | | | |
| 4.8.1 - Paleontological Technical Memorandum | 1 | 1 | | | | | 2 | \$ 542 |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: May 2, 2023 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|-------------------|--------------------------------------|--------------------|---|--------------|---------------------------|
| Trinette Smerko | Senior Technical Specialist | 304 | @ | \$49.00 | \$14,896.00 |
| Theresa Dickerson | Project Manager / Environmental Lead | 2,656 | @ | \$90.01 | \$239,066.56 |
| Alana Flaherty | Project Planner | 2,592 | @ | \$48.31 | \$125,219.52 |
| Melissa Symmes | Environmental Analyst / Planner | 2,258 | @ | \$32.70 | \$73,836.60 |
| Lawrence Spurgeon | Senior Technical Specialist LS | 860 | @ | \$99.05 | \$85,183.00 |
| | | TOTAL HOURS | | 8,670 | TOTAL DIRECT LABOR |
| | | | | | \$538,201.68 |

MULTIPLIERS

| | | | |
|------------------------------|---------|---|-----------------------|
| ESCALATION @ | 7.85% | (Rates Vary by Phase) | \$42,259.71 |
| FRINGE BENEFIT @ | 33.53% | (of Direct Labor + Escalation) | \$194,628.71 |
| GENERAL AND ADMINISTRATIVE @ | 119.85% | (of Direct Labor + Escalation) | \$695,682.98 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$147,077.31 |
| TOTAL MULTIPLIERS | | | \$1,079,648.71 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--------------------------|----------|-------------------|-----------|-------------------|
| Printing & Reprographics | 600 | Rate/Unit Cost @ | \$0.40 | \$240.00 |
| Mileage | 120 | Miles @ | \$0.66 | \$78.60 |
| Delivery Services | 600 | Rate/Unit Cost @ | \$6.00 | \$3,600.00 |
| Publications | 12 | Rate/Unit Cost @ | \$200.00 | \$2,400.00 |
| Professional Listings | 6 | Estimated Total @ | \$250.00 | \$1,500.00 |
| TOTAL ODC'S | | | | \$7,818.60 |

TOTAL **\$1,625,668.99**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: May 2, 2023 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|-------------------|--------------------------------------|-------|-----------|--------------|
| Trinette Smerko | Senior Technical Specialist | 304 | @ \$49.00 | \$14,896.00 |
| Theresa Dickerson | Project Manager / Environmental Lead | 2,656 | @ \$90.01 | \$239,066.56 |
| Alana Flaherty | Project Planner | 2,592 | @ \$48.31 | \$125,219.52 |
| Melissa Symmes | Environmental Analyst / Planner | 2,258 | @ \$32.70 | \$73,836.60 |
| Lawrence Spurgeon | Senior Technical Specialist LS | 860 | @ \$99.05 | \$85,183.00 |

TOTAL HOURS **8,670** TOTAL DIRECT LABOR **\$538,201.68**

MULTIPLIERS

| | | | |
|------------------------------|---------|---|--------------|
| ESCALATION @ | 7.85% | (of Direct Labor) | \$42,259.71 |
| FRINGE BENEFIT @ | 33.53% | (of Direct Labor + Escalation) | \$194,628.71 |
| GENERAL AND ADMINISTRATIVE @ | 119.85% | (of Direct Labor + Escalation) | \$695,682.98 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$147,077.31 |

TOTAL MULTIPLIERS **\$1,079,648.71**

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--------------------------|----------|-----------------|------------|------------|
| Printing & Reprographics | 600 | Rate/Unit Cost | @ \$0.40 | \$240.00 |
| Mileage | 120 | Miles | @ \$0.66 | \$78.60 |
| Delivery Services | 600 | Rate/Unit Cost | @ \$6.00 | \$3,600.00 |
| Publications | 12 | Rate/Unit Cost | @ \$200.00 | \$2,400.00 |
| Professional Listings | 6 | Estimated Total | @ \$250.00 | \$1,500.00 |

TOTAL ODC'S **\$7,818.60**

TOTAL \$1,625,668.99

SUBCONSULTANT MANHOOR WORKSHEET SUMMARY

| | | |
|---|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: May 2, 2023 |

| TASK | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST I.S. | HOURS |
|------|-----------------------------|--------------------------------------|-----------------|---------------------------------|----------------------------------|-------|
|------|-----------------------------|--------------------------------------|-----------------|---------------------------------|----------------------------------|-------|

| | | | | | | |
|---------------------|------------|--------------|--------------|--------------|------------|--------------|
| | \$147.30 | \$270.57 | \$145.22 | \$98.30 | \$297.75 | |
| PHASE TOTALS | 304 | 2,656 | 2,592 | 2,258 | 860 | 8,670 |

| | | | | | | |
|-----------|-----|-------|-------|-------|-----|-------|
| PHASE I | 304 | 2,656 | 2,592 | 2,258 | 860 | 8,670 |
| PHASE II | | | | | | |
| PHASE III | | | | | | |
| PHASE IV | | | | | | |

SUBCONSULTANT MANHOUR WORKSHEET

COMPANY: **WSP** SCOPE OF WORK: **Preliminary Engineering & Environmental Document** PHASE: **Phase 1**

PROJECT: **Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)]** 5/2/2023

| TASK | | | | | | HOURS | COST |
|------|-----------------------------|--------------------------------------|-----------------|---------------------------------|--------------------------------|-------|------|
| | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | | |

| | | | | | | | |
|--|-----|-----|----|----|-----|----|---------|
| 3.8 Structure Advance Planning Study | | | | | | | |
| 3.9 Hydrologic, Hydraulic and Scour Studies | | | | | | | |
| 3.10 Advisory and Mandatory Fact Sheets | | | | | | | |
| 3.11 Engineer's Estimate | | | | | | | |
| 4.0 Environmental Clearance & Documentation | | | | | | | |
| 4.1 Project Initiation | | | | | | | |
| 4.2 Preliminary Environmental Study (PES) | | | | | | | |
| 4.3 Technical Studies | | | | | | | |
| 4.3.1 Hazardous Waste (Initial Site Assessment) | | | | | | | |
| 4.3.2 Preliminary Site Assessment (Step 2) | | | | | | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | |
| 4.3.4 Natural Environmental Study and Focused Wildlife Surveys | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | 82 | 112 | 92 | 22 | 308 | \$ | 54,046 |
| 4.3.7 Visual Resources (Visual Impact Assessment) | | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | 168 | 168 | 78 | 78 | 492 | \$ | 100,745 |

SUBCONSULTANT MANHOUR WORKSHEET

COMPANY: **WSP** SCOPE OF WORK: **Preliminary Engineering & Environmental Document** PHASE: **Phase 1**

PROJECT: **Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)]** 5/2/2023

| TASK | SENIOR TECHNICAL SPECIALIST | | | | | PROJECT MANAGER / ENVIRONMENTAL LEAD | | PROJECT PLANNER | | ENVIRONMENTAL ANALYST / PLANNER | | SENIOR TECHNICAL SPECIALIST LS | | HOURS | COST |
|------|-----------------------------|--|--|--|--|--------------------------------------|--|-----------------|--|---------------------------------|--|--------------------------------|--|-------|------|
| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | |
|---|--|-----|--|-----|-----|-----|--|--|--|------|----|---------|
| 4.3.9A Finding of Effect (FoE) (Step 2) | | 120 | | 76 | 28 | 100 | | | | 324 | \$ | 76,033 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step 2) | | | | | | | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step 2) | | | | | | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | | 84 | | 120 | 160 | 52 | | | | 416 | \$ | 71,365 |
| 4.5.2 Draft IS/EA for Public Review | | 140 | | 232 | 168 | 48 | | | | 588 | \$ | 102,377 |
| 4.5.3 Public Review | | 54 | | 52 | 84 | 16 | | | | 206 | \$ | 35,183 |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | | 104 | | 132 | 176 | 48 | | | | 460 | \$ | 78,901 |
| 4.5.5 Final MND/FONSI | | 96 | | 224 | 192 | 64 | | | | 576 | \$ | 96,433 |
| 4.6 - CEQA Environmental Impact Report (EIR) | | | | | | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) | | 32 | | 48 | 96 | 32 | | | | 208 | \$ | 34,593 |
| 4.6.2 - Admin Draft EIR and MMRP | | 104 | | 128 | 256 | 64 | | | | 552 | \$ | 90,948 |
| 4.6.3 - Draft EIR and MMRP for Public Circulation | | 200 | | 384 | 320 | 96 | | | | 1000 | \$ | 169,918 |
| 4.6.4 - Public Notices and Meeting | | 92 | | 104 | 160 | | | | | 356 | \$ | 55,723 |
| 4.6.5 - Final EIR and MMRP | | 144 | | 168 | 208 | 64 | | | | 584 | \$ | 102,861 |
| 4.6.6 - Admin Record | | 64 | | 32 | 96 | | | | | 192 | \$ | 31,400 |
| 4.7 - NEPA Categorical Exclusion (CE) | | 48 | | 96 | 128 | 32 | | | | 304 | \$ | 49,039 |
| 4.8 - Resource Monitoring Plans | | 8 | | 16 | 16 | | | | | 40 | \$ | 6,061 |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: May 2, 2023 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|-------------------|--------------------------------------|--------------------|---|--------------|---------------------------|
| Trinette Smerko | Senior Technical Specialist | 40 | @ | \$49.00 | \$1,960.00 |
| Theresa Dickerson | Project Manager / Environmental Lead | 378.0 | @ | \$90.01 | \$34,023.78 |
| Alana Flaherty | Project Planner | 330 | @ | \$48.31 | \$15,942.30 |
| Melissa Symmes | Environmental Analyst / Planner | 223 | @ | \$32.70 | \$7,292.10 |
| Lawrence Spurgeon | Senior Technical Specialist LS | 134 | @ | \$99.05 | \$13,272.70 |
| | | TOTAL HOURS | | 1,105 | TOTAL DIRECT LABOR |
| | | | | | \$72,490.88 |

MULTIPLIERS

| | | | |
|------------------------------|---------|---|--------------------------|
| ESCALATION @ | 7.85% | (Rates Vary by Phase) | \$5,692.00 |
| FRINGE BENEFIT @ | 33.53% | (of Direct Labor + Escalation) | \$26,214.72 |
| GENERAL AND ADMINISTRATIVE @ | 119.85% | (of Direct Labor + Escalation) | \$93,702.18 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$19,809.98 |
| | | | TOTAL MULTIPLIERS |
| | | | \$145,418.88 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--------------------------|----------|-----------------|---|-----------|--------------------|
| Printing & Reprographics | 100 | Rate/Unit Cost | @ | \$0.40 | \$40.00 |
| Mileage | 20 | Miles | @ | \$0.66 | \$13.10 |
| Delivery Services | 100 | Rate/Unit Cost | @ | \$6.00 | \$600.00 |
| Publications | 2 | Rate/Unit Cost | @ | \$200.00 | \$400.00 |
| Professional Listings | 1 | Estimated Total | @ | \$250.00 | \$250.00 |
| | | | | | TOTAL ODC'S |
| | | | | | \$1,303.10 |

TOTAL **\$219,212.86**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: May 2, 2023 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|-------------------|---------------------------------|--------------------|---|----------------|---------------------------|
| Trinette Smerko | Senior Technical Specialist | 40 | @ | \$49.00 | \$1,960.00 |
| Theresa Dickerson | Project Manager | 378.0 | @ | \$90.01 | \$34,023.78 |
| Alana Flaherty | Project Planner | 330 | @ | \$48.31 | \$15,942.30 |
| Melissa Symmes | Environmental Analyst / Planner | 223 | @ | \$32.70 | \$7,292.10 |
| Lawrence Spurgeon | Senior Technical Specialist LS | 134 | @ | \$99.05 | \$13,272.70 |
| | | TOTAL HOURS | | 1,105.0 | TOTAL DIRECT LABOR |
| | | | | | \$72,490.88 |

MULTIPLIERS

| | | | |
|------------------------------|---------|---|--------------------------|
| ESCALATION @ | 7.85% | (of Direct Labor) | \$5,692.00 |
| FRINGE BENEFIT @ | 33.53% | (of Direct Labor + Escalation) | \$26,214.72 |
| GENERAL AND ADMINISTRATIVE @ | 119.85% | (of Direct Labor + Escalation) | \$93,702.18 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$19,809.98 |
| | | | TOTAL MULTIPLIERS |
| | | | \$145,418.88 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--------------------------|----------|-----------------|---|-----------|----------|
| Printing & Reprographics | 100 | Rate/Unit Cost | @ | \$0.40 | \$40.00 |
| Mileage | 20 | Miles | @ | \$0.66 | \$13.10 |
| Delivery Services | 100 | Rate/Unit Cost | @ | \$6.00 | \$600.00 |
| Publications | 2 | Rate/Unit Cost | @ | \$200.00 | \$400.00 |
| Professional Listings | 1 | Estimated Total | @ | \$250.00 | \$250.00 |

TOTAL ODC'S **\$1,303.10**

TOTAL **\$219,212.86**

SUBCONSULTANT MANHOUR WORKSHEET

COMPANY: **WSP** SCOPE OF WORK: **Preliminary Engineering & Environment Phase I**

PROJECT: **Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)]** **May 2, 2023**

| TASK | | | | | | HOURS | COST |
|------|-----------------------------|--------------------------------------|-----------------|---------------------------------|--------------------------------|-------|------|
| | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | | |

\$147.30 \$270.57 \$145.22 \$98.30 \$297.75

Total Manhours

| | | | | | | | |
|-----------|--------------|------------|------------|------------|-------------|-----------|-------------------|
| 40 | 378.0 | 330 | 223 | 134 | 1105 | \$ | 217,909.76 |
|-----------|--------------|------------|------------|------------|-------------|-----------|-------------------|

| | | | | | | | |
|--|----|----|----|---|-----|----|-----------|
| 1.1 Project Management | 40 | 80 | 40 | 4 | 164 | \$ | 34,537.48 |
| 1.2 Project Team Meetings | | 72 | 12 | 4 | 88 | \$ | 22,415 |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | |
| 2.0 Research and Data Gathering | | | | | | | |
| 2.1 Collect and Review Existing Information | | | | | | | |
| 2.2 Conduct Field Review | | | | | | | |
| 3.0 Preliminary Engineering | | | | | | | |
| 3.1 Traffic Study (Technical Memorandum/Traffic Summary) | | | | | | | |
| 3.2 Preliminary Utility Mapping | | | | | | | |
| 3.3 Permits | | | | | | | |
| 3.4 Surveying and Right-of-Way Mapping (by County) | | | | | | | |
| 3.5 Preliminary Geotechnical Studies | | | | | | | |
| 3.6 Right-of-Way Requirements Map | | | | | | | |
| 3.7 Geometric Design Drawings | | | | | | | |
| 3.8 Structure Advance Planning Study | | | | | | | |
| 3.9 Hydrologic, Hydraulic and Scour Studies | | | | | | | |
| 3.10 Advisory and Mandatory Fact Sheets | | | | | | | |
| 3.11 Engineer's Estimate | | | | | | | |

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|---|--|--------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environment | Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | May 2, 2023 |

| TASK | | | | | | HOURS | COST |
|--|-----------------------------|--------------------------------------|-----------------|---------------------------------|--------------------------------|------------|------------------|
| | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | | |
| 4.0 Environmental Clearance & Documentation | | | | | | | |
| 4.1 Project Initiation | | | | | | | |
| 4.2 Preliminary Environmental Study (PES) | | | | | | | |
| 4.3 Technical Studies | | | | | | | |
| 4.3.1 Hazardous Waste (Initial Site Assessment) | | | | | | | |
| 4.3.2 Preliminary Site Assessment (Step 2) | | | | | | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | |
| 4.3.4 Natural Environmental Study and Focused Wildlife Surveys | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | | 31 | 44 | 30 | 7 | 112 | \$ 19,811 |
| 4.3.7 Visual Resources (Visual Impact Assessment) | | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | | 28 | 28 | 13 | 13 | 82 | \$ 16,791 |
| 4.3.9A Finding of Effect (FoE) (Step 2) | | 24 | | | 40 | 64 | \$ 18,404 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step 2) | | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step 2) | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | | 28 | 40 | 54 | 18 | 140 | \$ 24,052 |
| 4.5.2 Draft IS/EA for Public Review | | 22 | 32 | 20 | | 74 | \$ 12,566 |
| 4.5.3 Public Review | | 19 | 10 | 26 | | 55 | \$ 9,149 |

SUBCONSULTANT MANHOOR WORKSHEET

| | |
|---|--|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environment Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | |
| May 2, 2023 | |

| TASK | | | | | | HOURS | COST |
|---|-----------------------------|--------------------------------------|-----------------|---------------------------------|--------------------------------|-----------|------|
| | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | | |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | 28 | 34 | 40 | 8 | 110 | \$ 18,827 | |
| 4.5.5 Final MND/FONSI | 24 | 64 | 32 | 32 | 152 | \$ 28,461 | |
| 4.6 - CEQA Environmental Impact Report (EIR) | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for Standalone Initial Study (IS) and Distribution List | | | | | | | |
| 4.6.2 - Public Scoping | | | | | | | |
| 4.6.3 - Admin Draft EIR and MMRP | | | | | | | |
| 4.6.4 - Draft EIR and MMRP for Public Circulation | | | | | | | |
| 4.6.5 - Public Notices and Meeting | | | | | | | |
| 4.6.6 - Final EIR and MMRP | | | | | | | |
| 4.6.7 - Admin Record | | | | | | | |
| 4.7 - NEPA Categorical Exclusion (CE) | 4 | 8 | 8 | | 20 | \$ 3,030 | |
| 4.8 - Resource Monitoring Plans | | | | | | | |
| 4.8.1 - Paleontological Technical Memo | 9 | 9 | | 4 | 22 | \$ 4,933 | |
| 4.8.2 - Paleontological Resource Impact Mitigation Program (PRIMP) | 9 | 9 | | 4 | 22 | \$ 4,933 | |
| 4.9 - Historic Properties Treatment | | | | | | | |
| 4.9.1 - Historic American Engineering Record (HAER) | | | | | | | |
| 4.9.2 - Preconstruction Historic Design Elements Review | | | | | | | |
| 4.9.3 - Interpretive Webpage | | | | | | | |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: May 2, 2023 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|-------------------|---------------------------------|-------------|---|--------------------|--------------------|
| Trinette Smerko | Senior Technical Specialist | 40 | @ | \$49.00 | \$1,960.00 |
| Theresa Dickerson | Project Manager | 378 | @ | \$90.01 | \$34,023.78 |
| Alana Flaherty | Project Planner | 330 | @ | \$48.31 | \$15,942.30 |
| Melissa Symmes | Environmental Analyst / Planner | 223 | @ | \$32.70 | \$7,292.10 |
| Lawrence Spurgeon | Senior Technical Specialist LS | 134 | @ | \$99.05 | \$13,272.70 |
| | | TOTAL HOURS | | | 1,105 |
| | | | | TOTAL DIRECT LABOR | \$72,490.88 |

MULTIPLIERS

| | | | | |
|------------------------------|---------|---|-------------------|---------------------|
| ESCALATION @ | 7.85% | (Rates Vary by Phase) | \$5,692.00 | |
| FRINGE BENEFIT @ | 33.53% | (of Direct Labor + Escalation) | \$26,214.72 | |
| GENERAL AND ADMINISTRATIVE @ | 119.85% | (of Direct Labor + Escalation) | \$93,702.18 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$19,809.98 | |
| | | | TOTAL MULTIPLIERS | \$145,418.88 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT | |
|--------------------------|----------|-----------------|---|-----------|-------------|-------------------|
| Printing & Reprographics | 100 | Rate/Unit Cost | @ | \$0.40 | \$40.00 | |
| Mileage | 20 | Miles | @ | \$0.66 | \$13.10 | |
| Delivery Services | 100 | Rate/Unit Cost | @ | \$6.00 | \$600.00 | |
| Publications | 2 | Rate/Unit Cost | @ | \$200.00 | \$400.00 | |
| Professional Listings | 1 | Estimated Total | @ | \$250.00 | \$250.00 | |
| | | | | | TOTAL ODC'S | \$1,303.10 |

TOTAL **\$219,212.86**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: May 2, 2023 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|-------------------|---------------------------------|--------------------|---|--------------|---------------------------|
| Trinette Smerko | Senior Technical Specialist | 40 | @ | \$49.00 | \$1,960.00 |
| Theresa Dickerson | Project Manager | 378 | @ | \$90.01 | \$34,023.78 |
| Alana Flaherty | Project Planner | 330 | @ | \$48.31 | \$15,942.30 |
| Melissa Symmes | Environmental Analyst / Planner | 223 | @ | \$32.70 | \$7,292.10 |
| Lawrence Spurgeon | Senior Technical Specialist LS | 134 | @ | \$99.05 | \$13,272.70 |
| | | TOTAL HOURS | | 1,105 | TOTAL DIRECT LABOR |
| | | | | | \$72,490.88 |

MULTIPLIERS

| | | | |
|------------------------------|---------|---|--------------------------|
| ESCALATION @ | 7.85% | (of Direct Labor) | \$5,692.00 |
| FRINGE BENEFIT @ | 33.53% | (of Direct Labor + Escalation) | \$26,214.72 |
| GENERAL AND ADMINISTRATIVE @ | 119.85% | (of Direct Labor + Escalation) | \$93,702.18 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$19,809.98 |
| | | | TOTAL MULTIPLIERS |
| | | | \$145,418.88 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--------------------------|----------|-----------------|---|-----------|----------|
| Printing & Reprographics | 100 | Rate/Unit Cost | @ | \$0.40 | \$40.00 |
| Mileage | 20 | Miles | @ | \$0.66 | \$13.10 |
| Delivery Services | 100 | Rate/Unit Cost | @ | \$6.00 | \$600.00 |
| Publications | 2 | Rate/Unit Cost | @ | \$200.00 | \$400.00 |
| Professional Listings | 1 | Estimated Total | @ | \$250.00 | \$250.00 |

TOTAL ODC'S \$1,303.10

TOTAL \$219,212.86

SUBCONSULTANT MANHOUR WORKSHEET

COMPANY: **WSP** SCOPE OF WORK: **Preliminary Engineering & Environmental I Phase I**

PROJECT: **Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)]** **May 2, 2023**

| TASK | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | HOURS | COST |
|------|-----------------------------|-----------------|-----------------|---------------------------------|--------------------------------|-----------|------|
| | \$ 147.30 | \$ 270.57 | \$ - | \$145.22 | \$ 98.30 | \$ 297.75 | |

Total Manhours **40** **378** **330** **223** **134** **1105** \$ **217,909.76**

| | | | | | | | |
|--|----|----|----|---|-----|----|-----------|
| 1.1 Project Management | 40 | 80 | 40 | 4 | 164 | \$ | 34,537.48 |
| 1.2 Project Team Meetings | | 72 | 12 | 4 | 88 | \$ | 22,415 |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | |
| 2.0 Research and Data Gathering | | | | | | | |
| 2.1 Collect and Review Existing Information | | | | | | | |
| 2.2 Conduct Field Review | | | | | | | |
| 3.0 Preliminary Engineering | | | | | | | |
| 3.1 Traffic Study (Technical Memorandum/Traffic Summary) | | | | | | | |
| 3.2 Preliminary Utility Mapping | | | | | | | |
| 3.3 Permits | | | | | | | |
| 3.4 Surveying and Right-of-Way Mapping (by County) | | | | | | | |
| 3.5 Preliminary Geotechnical Studies | | | | | | | |
| 3.6 Right-of-Way Requirements Map | | | | | | | |
| 3.7 Geometric Design Drawings | | | | | | | |
| 3.8 Structure Advance Planning Study | | | | | | | |
| 3.9 Hydrologic, Hydraulic and Scour Studies | | | | | | | |
| 3.10 Advisory and Mandatory Fact Sheets | | | | | | | |
| 3.11 Engineer's Estimate | | | | | | | |

SUBCONSULTANT MANHOUR WORKSHEET

COMPANY: **WSP** SCOPE OF WORK: **Preliminary Engineering & Environmental I Phase I**

PROJECT: **Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)]** **May 2, 2023**

| TASK | | | | | | HOURS | COST |
|--|-----------------------------|-----------------|-----------------|---------------------------------|--------------------------------|-------|-----------|
| | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | | |
| 4.0 Environmental Clearance & Documentation | | | | | | | |
| 4.1 Project Initiation | | | | | | | |
| 4.2 Preliminary Environmental Study (PES) | | | | | | | |
| 4.3 Technical Studies | | | | | | | |
| 4.3.1 Hazardous Waste (Initial Site Assessment) | | | | | | | |
| 4.3.2 Preliminary Site Assessment (Step 2) | | | | | | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | |
| 4.3.4 Natural Environmental Study and Focused Wildlife Surveys | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | | 31 | 44 | 30 | 7 | 112 | \$ 19,811 |
| 4.3.7 Visual Resources (Visual Impact Assessment) | | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | | 28 | 28 | 13 | 13 | 82 | \$ 16,791 |
| 4.3.9A Finding of Effect (FoE) (Step 2) | | 24 | | | 40 | 64 | \$ 18,404 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step 2) | | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step 2) | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | | 28 | 40 | 54 | 18 | 140 | \$ 24,052 |
| 4.5.2 Draft IS/EA for Public Review | | 22 | 32 | 20 | | 74 | \$ 12,566 |
| 4.5.3 Public Review | | 19 | 10 | 26 | | 55 | \$ 9,149 |

SUBCONSULTANT MANHOUR WORKSHEET

COMPANY: **WSP** SCOPE OF WORK: **Preliminary Engineering & Environmental I Phase I**

PROJECT: **Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)]** **May 2, 2023**

| TASK | | | | | | HOURS | COST |
|---|-----------------------------|-----------------|-----------------|---------------------------------|--------------------------------|-------|-----------|
| | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | | |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | 28 | | 34 | 40 | 8 | 110 | \$ 18,827 |
| 4.5.5 Final MND/FONSI | 24 | | 64 | 32 | 32 | 152 | \$ 28,461 |
| 4.6 - CEQA EIR | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for Standalone Initial Study (IS) and Distribution List | | | | | | | |
| 4.6.2 - Public Scoping | | | | | | | |
| 4.6.3 - Admin Draft EIR and MMRP | | | | | | | |
| 4.6.4 - Draft EIR and MMRP for Public Circulation | | | | | | | |
| 4.6.5 - Public Notices and Meeting | | | | | | | |
| 4.6.6 - Final EIR and MMRP | | | | | | | |
| 4.6.7 - Admin Record | | | | | | | |
| 4.7 - NEPA Categorical Exclusion (CE) | 4 | | 8 | 8 | | 20 | \$ 3,030 |
| 4.8 - Resource Monitoring Plans | | | | | | | |
| 4.8.1 - Cultural Resource Monitoring Plan (CRMP) | 9 | | 9 | | 4 | 22 | \$ 4,933 |
| 4.8.2 - Paleontological Resource Impact Mitigation Program (PRIMP) | 9 | | 9 | | 4 | 22 | \$ 4,933 |
| 4.9 - Historic Properties Treatment | | | | | | | |
| 4.9.1 - Historic American Engineering Record (HAER) | | | | | | | |
| 4.9.2 - Preconstruction Historic Design Elements Review | | | | | | | |
| 4.9.3 - Interpretive Webpage | | | | | | | |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: May 2, 2023 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT | |
|-------------------|--------------------------------------|--------------------|---|--------------|---------------------------|--------------------|
| Trinette Smerko | Senior Technical Specialist | 56 | @ | \$49.00 | \$2,744.00 | |
| Theresa Dickerson | Project Manager / Environmental Lead | 475 | @ | \$90.01 | \$42,754.75 | |
| Alana Flaherty | Project Planner | 483 | @ | \$48.31 | \$23,333.73 | |
| Melissa Symmes | Environmental Analyst / Planner | 453 | @ | \$32.70 | \$14,813.10 | |
| Lawrence Spurgeon | Senior Technical Specialist LS | 148 | @ | \$99.05 | \$14,659.40 | |
| | | TOTAL HOURS | | 1,615 | TOTAL DIRECT LABOR | \$98,304.98 |

MULTIPLIERS

| | | | | |
|------------------------------|---------|---|--------------------------|---------------------|
| ESCALATION @ | 7.85% | (Rates Vary by Phase) | \$7,718.93 | |
| FRINGE BENEFIT @ | 33.53% | (of Direct Labor + Escalation) | \$35,549.82 | |
| GENERAL AND ADMINISTRATIVE @ | 119.85% | (of Direct Labor + Escalation) | \$127,069.65 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$26,864.34 | |
| | | | TOTAL MULTIPLIERS | \$197,202.74 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--------------------------|----------|-----------------|---|-----------|----------|
| Printing & Reprographics | 100 | Rate/Unit Cost | @ | \$0.40 | \$40.00 |
| Mileage | 20 | Miles | @ | \$0.66 | \$13.10 |
| Delivery Services | 100 | Rate/Unit Cost | @ | \$6.00 | \$600.00 |
| Publications | 2 | Rate/Unit Cost | @ | \$200.00 | \$400.00 |
| Professional Listings | 1 | Estimated Total | @ | \$250.00 | \$250.00 |

TOTAL ODC'S **\$1,303.10**

TOTAL **\$296,810.82**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: May 2, 2023 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT | |
|-------------------|--------------------------------------|--------------------|--------------|---------------------------|--------------------|
| Trinette Smerko | Senior Technical Specialist | 56 | @ \$49.00 | \$2,744.00 | |
| Theresa Dickerson | Project Manager / Environmental Lead | 475 | @ \$90.01 | \$42,754.75 | |
| Alana Flaherty | Project Planner | 483 | @ \$48.31 | \$23,333.73 | |
| Melissa Symmes | Environmental Analyst / Planner | 453 | @ \$32.70 | \$14,813.10 | |
| Lawrence Spurgeon | Senior Technical Specialist LS | 148 | @ \$99.05 | \$14,659.40 | |
| | | TOTAL HOURS | 1,615 | TOTAL DIRECT LABOR | \$98,304.98 |

MULTIPLIERS

| | | | | |
|------------------------------|---------|---|--------------------------|---------------------|
| ESCALATION @ | 7.85% | (of Direct Labor) | \$7,718.93 | |
| FRINGE BENEFIT @ | 33.53% | (of Direct Labor + Escalation) | \$35,549.82 | |
| GENERAL AND ADMINISTRATIVE @ | 119.85% | (of Direct Labor + Escalation) | \$127,069.65 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$26,864.34 | |
| | | | TOTAL MULTIPLIERS | \$197,202.74 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT | |
|--------------------------|----------|-----------------|------------|--------------------|-------------------|
| Printing & Reprographics | 100 | Rate/Unit Cost | @ \$0.40 | \$40.00 | |
| Mileage | 20 | Miles | @ \$0.66 | \$13.10 | |
| Delivery Services | 100 | Rate/Unit Cost | @ \$6.00 | \$600.00 | |
| Publications | 2 | Rate/Unit Cost | @ \$200.00 | \$400.00 | |
| Professional Listings | 1 | Estimated Total | @ \$250.00 | \$250.00 | |
| | | | | TOTAL ODC'S | \$1,303.10 |

TOTAL **\$296,810.82**

SUBCONSULTANT MANHOOR WORKSHEET SUMMARY

| | | |
|---|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: May 2, 2023 |

| TASK | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | | | | | | | | | | | | | | HOURS |
|------|-----------------------------|--------------------------------------|-----------------|---------------------------------|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
|------|-----------------------------|--------------------------------------|-----------------|---------------------------------|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|

\$147.30 \$270.57 \$145.22 \$98.30 \$297.75

PHASE TOTALS

| | | | | | | | | | | | | | | | | | | | |
|-----------|------------|------------|------------|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| 56 | 475 | 483 | 453 | 148 | | | | | | | | | | | | | | | 1,615 |
|-----------|------------|------------|------------|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|

| |
|-----------|
| PHASE I |
| PHASE II |
| PHASE III |
| PHASE IV |

| | | | | | | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| 56 | 475 | 483 | 453 | 148 | | | | | | | | | | | | | | | 1,615 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

SUBCONSULTANT MANHOOR WORKSHEET

| | | |
|---|--|--------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environment | Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | May 2, 2023 |

| TASK | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | HOURS | COST |
|------|-----------------------------|--------------------------------------|-----------------|---------------------------------|--------------------------------|-------|------|
| | \$147.30 | \$270.57 | \$145.22 | \$98.30 | \$297.75 | | |

| | | | | | | | |
|-----------------------|-----------|------------|------------|------------|------------|---------------|----------------------|
| Total Manhours | 56 | 475 | 483 | 453 | 148 | 1615.0 | \$ 295,507.72 |
|-----------------------|-----------|------------|------------|------------|------------|---------------|----------------------|

| | | | | | | | |
|--|----|----|----|--|---|-----|-----------|
| 1.1 Project Management | 56 | 80 | 40 | | 4 | 180 | \$ 36,894 |
| 1.2 Project Team Meetings | | 72 | 32 | | 4 | 108 | \$ 25,319 |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | |
| 2.0 Research and Data Gathering | | | | | | | |
| 2.1 Collect and Review Existing Information | | | | | | | |
| 2.2 Conduct Field Review | | | | | | | |
| 3.0 Preliminary Engineering | | | | | | | |
| 3.1 Traffic Study (Technical Memorandum/Traffic Summary) | | | | | | | |
| 3.2 Preliminary Utility Mapping | | | | | | | |
| 3.3 Permits | | | | | | | |
| 3.4 Surveying and Right-of-Way Mapping (by County) | | | | | | | |
| 3.5 Preliminary Geotechnical Studies | | | | | | | |
| 3.6 Right-of-Way Requirements Map | | | | | | | |
| 3.7 Geometric Design Drawings | | | | | | | |
| 3.8 Structure Advance Planning Study | | | | | | | |
| 3.9 Hydrologic, Hydraulic and Scour Studies | | | | | | | |
| 3.10 Advisory and Mandatory Fact Sheets | | | | | | | |
| 3.11 Engineer's Estimate | | | | | | | |
| 4.0 Environmental Clearance & Documentation | | | | | | | |
| 4.1 Project Initiation | | | | | | | |
| 4.2 Preliminary Environmental Study (PES) | | | | | | | |

SUBCONSULTANT MANHOOR WORKSHEET

| | | |
|---|--|--------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environment | Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | May 2, 2023 |

| TASK | PERSONNEL | | | | HOURS | COST |
|---|-----------------------------|--------------------------------------|-----------------|---------------------------------|-------|-----------|
| | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | | |
| 4.3 Technical Studies | | | | | | |
| 4.3.1 Hazardous Waste (Initial Site Assessment) | | | | | | |
| 4.3.2 Preliminary Site Assessment (Step 2) | | | | | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | |
| 4.3.4 Natural Environmental Study and Focused Wildlife Surveys | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | 5 | 6 | 8 | 2 | 21 | \$ 3,606 |
| 4.3.7 Visual Resources (Visual Impact Assessment) | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | 28 | 28 | 13 | 13 | 82 | \$ 16,791 |
| 4.3.9A Finding of Effect (FoE) (Step 2) | 18 | 19 | 7 | 5 | 49 | \$ 9,806 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step 2) | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step 2) | | | | | | |
| 4.5.1 Administrative Draft IS/EA | 7 | 10 | 13 | 4 | 34 | \$ 5,815 |
| 4.5.2 Draft IS/EA for Public Review | 24 | 42 | 32 | 12 | 110 | \$ 19,312 |
| 4.5.3 Public Review | 4 | 8 | 8 | 4 | 24 | \$ 4,221 |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | 12 | 16 | 24 | 8 | 60 | \$ 10,312 |
| 4.5.5 Final MND/FONSI | 12 | 24 | 32 | | 68 | \$ 9,878 |
| 4.6 - CEQA EIR | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) | 8 | 12 | 24 | 8 | 52 | \$ 8,648 |
| 4.6.2 - Admin Draft EIR and MMRP | 26 | 32 | 64 | 16 | 138 | \$ 22,737 |
| 4.6.3 - Draft EIR and MMRP for Public Circulation | 50 | 96 | 80 | 24 | 250 | \$ 42,480 |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: May 2, 2023 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT | |
|-------------------|--------------------------------------|--------------------|---|--------------|---------------------------|--------------------|
| Trinette Smerko | Senior Technical Specialist | 56 | @ | \$49.00 | \$2,744.00 | |
| Theresa Dickerson | Project Manager / Environmental Lead | 475 | @ | \$90.01 | \$42,754.75 | |
| Alana Flaherty | Project Planner | 483 | @ | \$48.31 | \$23,333.73 | |
| Melissa Symmes | Environmental Analyst / Planner | 453 | @ | \$32.70 | \$14,813.10 | |
| Lawrence Spurgeon | Senior Technical Specialist LS | 148 | @ | \$99.05 | \$14,659.40 | |
| | | TOTAL HOURS | | 1,615 | TOTAL DIRECT LABOR | \$98,304.98 |

MULTIPLIERS

| | | | | |
|------------------------------|---------|---|--------------------------|---------------------|
| ESCALATION @ | 7.85% | (Rates Vary by Phase) | \$7,718.93 | |
| FRINGE BENEFIT @ | 33.53% | (of Direct Labor + Escalation) | \$35,549.82 | |
| GENERAL AND ADMINISTRATIVE @ | 119.85% | (of Direct Labor + Escalation) | \$127,069.65 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$26,864.34 | |
| | | | TOTAL MULTIPLIERS | \$197,202.74 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--------------------------|----------|-----------------|---|-----------|----------|
| Printing & Reprographics | 100 | Rate/Unit Cost | @ | \$0.40 | \$40.00 |
| Mileage | 20 | Miles | @ | \$0.66 | \$13.10 |
| Delivery Services | 100 | Rate/Unit Cost | @ | \$6.00 | \$600.00 |
| Publications | 2 | Rate/Unit Cost | @ | \$200.00 | \$400.00 |
| Professional Listings | 1 | Estimated Total | @ | \$250.00 | \$250.00 |

TOTAL ODC'S **\$1,303.10**

TOTAL **\$296,810.82**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: May 2, 2023 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|-------------------|--------------------------------------|-------|---|---------|-------------|
| Trinette Smerko | Senior Technical Specialist | 56 | @ | \$49.00 | \$2,744.00 |
| Theresa Dickerson | Project Manager / Environmental Lead | 475 | @ | \$90.01 | \$42,754.75 |
| Alana Flaherty | Project Planner | 483 | @ | \$48.31 | \$23,333.73 |
| Melissa Symmes | Environmental Analyst / Planner | 453 | @ | \$32.70 | \$14,813.10 |
| Lawrence Spurgeon | Senior Technical Specialist LS | 148 | @ | \$99.05 | \$14,659.40 |

TOTAL HOURS **1,615** TOTAL DIRECT LABOR **\$98,304.98**

MULTIPLIERS

| | | | |
|------------------------------|---------|---|--------------|
| ESCALATION @ | 7.85% | (of Direct Labor) | \$7,718.93 |
| FRINGE BENEFIT @ | 33.53% | (of Direct Labor + Escalation) | \$35,549.82 |
| GENERAL AND ADMINISTRATIVE @ | 119.85% | (of Direct Labor + Escalation) | \$127,069.65 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$26,864.34 |

TOTAL MULTIPLIERS **\$197,202.74**

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--------------------------|----------|-----------------|---|-----------|----------|
| Printing & Reprographics | 100 | Rate/Unit Cost | @ | \$0.40 | \$40.00 |
| Mileage | 20 | Miles | @ | \$0.66 | \$13.10 |
| Delivery Services | 100 | Rate/Unit Cost | @ | \$6.00 | \$600.00 |
| Publications | 2 | Rate/Unit Cost | @ | \$200.000 | \$400.00 |
| Professional Listings | 1 | Estimated Total | @ | \$250.00 | \$250.00 |

TOTAL ODC'S **\$1,303.10**

TOTAL \$296,810.82

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|---|--|--------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environment | Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | May 2, 2023 |

| TASK | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | HOURS | COST |
|------|-----------------------------|--------------------------------------|-----------------|---------------------------------|--------------------------------|-------|------|
| | \$147.30 | \$270.57 | \$145.22 | \$98.30 | \$297.75 | | |

| | | | | | | | |
|-----------------------|-----------|------------|------------|------------|------------|--------------|----------------------|
| Total Manhours | 56 | 475 | 483 | 453 | 148 | 1,615 | \$ 295,507.72 |
|-----------------------|-----------|------------|------------|------------|------------|--------------|----------------------|

| | | | | | | | |
|--|----|----|----|--|---|-----|-----------|
| 1.1 Project Management | 56 | 80 | 40 | | 4 | 180 | \$ 36,894 |
| 1.2 Project Team Meetings | | 72 | 32 | | 4 | 108 | \$ 25,319 |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | |
| 2.0 Research and Data Gathering | | | | | | | |
| 2.1 Collect and Review Existing Information | | | | | | | |
| 2.2 Conduct Field Review | | | | | | | |
| 3.0 Preliminary Engineering | | | | | | | |
| 3.1 Traffic Study (Technical Memorandum/Traffic Summary) | | | | | | | |
| 3.2 Preliminary Utility Mapping | | | | | | | |
| 3.3 Permits | | | | | | | |
| 3.4 Surveying and Right-of-Way Mapping (by County) | | | | | | | |
| 3.5 Preliminary Geotechnical Studies | | | | | | | |
| 3.6 Right-of-Way Requirements Map | | | | | | | |
| 3.7 Geometric Design Drawings | | | | | | | |
| 3.8 Structure Advance Planning Study | | | | | | | |
| 3.9 Hydrologic, Hydraulic and Scour Studies | | | | | | | |
| 3.10 Advisory and Mandatory Fact Sheets | | | | | | | |
| 3.11 Engineer's Estimate | | | | | | | |

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|---|--|--------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environment | Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | May 2, 2023 |

| TASK | PERSONNEL | | | | HOURS | COST |
|--|-----------------------------|--------------------------------------|-----------------|---------------------------------|-------|-----------|
| | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | | |
| 4.0 Environmental Clearance & Documentation | | | | | | |
| 4.1 Project Initiation | | | | | | |
| 4.2 Preliminary Environmental Study (PES) | | | | | | |
| 4.3 Technical Studies | | | | | | |
| 4.3.1 Hazardous Waste (Initial Site Assessment) | | | | | | |
| 4.3.2 Preliminary Site Assessment (Step 2) | | | | | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | |
| 4.3.4 Natural Environmental Study and Focused Wildlife Surveys | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | 5 | 6 | 8 | 2 | 21 | \$ 3,606 |
| 4.3.7 Visual Resources (Visual Impact Assessment) | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | 28 | 28 | 13 | 13 | 82 | \$ 16,791 |
| 4.3.9A Finding of Effect (FoE) (Step 2) | 18 | 19 | 7 | 5 | 49 | \$ 9,806 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step 2) | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step 2) | | | | | | |
| 4.5.1 Administrative Draft IS/EA | 7 | 10 | 13 | 4 | 34 | \$ 5,815 |
| 4.5.2 Draft IS/EA for Public Review | 24 | 42 | 32 | 12 | 110 | \$ 19,312 |
| 4.5.3 Public Review | 4 | 8 | 8 | 4 | 24 | \$ 4,221 |

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|---|--|--------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environment | Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | May 2, 2023 |

| TASK | | | | | | HOURS | COST |
|---|-----------------------------|--------------------------------------|-----------------|---------------------------------|--------------------------------|-----------|------|
| | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | | |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | 12 | 16 | 24 | 8 | 60 | \$ 10,312 | |
| 4.5.5 Final MND/FONSI | 12 | 24 | 32 | | 68 | \$ 9,878 | |
| 4.6 - CEQA EIR | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) | 8 | 12 | 24 | 8 | 52 | \$ 8,648 | |
| 4.6.2 - Admin Draft EIR and MMRP | 26 | 32 | 64 | 16 | 138 | \$ 22,737 | |
| 4.6.3 - Draft EIR and MMRP for Public Circulation | 50 | 96 | 80 | 24 | 250 | \$ 42,480 | |
| 4.6.4 - Public Notices and Meeting | 23 | 26 | 40 | | 89 | \$ 13,931 | |
| 4.6.5 - Final EIR and MMRP | 36 | 42 | 52 | 16 | 146 | \$ 25,715 | |
| 4.6.6 - Admin Record | 16 | 8 | 24 | | 48 | \$ 7,850 | |
| 4.7 - NEPA Categorical Exclusion (CE) | 12 | 24 | 32 | 8 | 76 | \$ 12,260 | |
| 4.8 - Resource Monitoring Plans | | | | | | | |
| 4.8.1 - Paleontological Technical Memorandum | 9 | 9 | | 4 | 22 | \$ 4,933 | |
| 4.8.2 - Paleontological Resource Impact Mitigation Program (PRIMP) | 9 | 9 | | 4 | 22 | \$ 4,933 | |
| 4.9 - Historic Properties Treatment | | | | | | | |
| 4.9.1 - Historic American Engineering Record (HAER) | 8 | | | 4 | 12 | \$ 3,356 | |
| 4.9.2 - Preconstruction Historic Design Elements Review | 8 | | | 4 | 12 | \$ 3,356 | |
| 4.9.3 - Interpretive Webpage | 8 | | | 4 | 12 | \$ 3,356 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

SUBCONSULTANT MANHOUR WORKSHEET

COMPANY:

WSP

SCOPE OF WORK:

Preliminary Engineering & Environment

Phase I

PROJECT:

Replacement of Chuckwalla Valley Road over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)]

May 2, 2023

| TASK | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | HOURS | COST |
|------|-----------------------------|--------------------------------------|-----------------|---------------------------------|--------------------------------|-------|------|
| | \$147.30 | \$270.57 | \$145.22 | \$98.30 | \$297.75 | | |

Total Manhours

| | | | | | | |
|-----------|------------|------------|------------|------------|--------------|----------------------|
| 56 | 475 | 483 | 453 | 148 | 1,615 | \$ 295,507.72 |
|-----------|------------|------------|------------|------------|--------------|----------------------|

| | | | | | | |
|--|----|----|----|---|-----|-----------|
| 1.1 Project Management | 56 | 80 | 40 | 4 | 180 | \$ 36,894 |
| 1.2 Project Team Meetings | | 72 | 32 | 4 | 108 | \$ 25,319 |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | |
| 2.0 Research and Data Gathering | | | | | | |
| 2.1 Collect and Review Existing Information | | | | | | |
| 2.2 Conduct Field Review | | | | | | |
| 3.0 Preliminary Engineering | | | | | | |
| 3.1 Traffic Study (Technical Memorandum/Traffic Summary) | | | | | | |
| 3.2 Preliminary Utility Mapping | | | | | | |
| 3.3 Permits | | | | | | |
| 3.4 Surveying and Right-of-Way Mapping (by County) | | | | | | |
| 3.5 Preliminary Geotechnical Studies | | | | | | |
| 3.6 Right-of-Way Requirements Map | | | | | | |
| 3.7 Geometric Design Drawings | | | | | | |
| 3.8 Structure Advance Planning Study | | | | | | |
| 3.9 Hydrologic, Hydraulic and Scour Studies | | | | | | |
| 3.10 Advisory and Mandatory Fact Sheets | | | | | | |
| 3.11 Engineer's Estimate | | | | | | |

SUBCONSULTANT MANHOOR WORKSHEET

| | | |
|---|--|--------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environment | Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | May 2, 2023 |

| TASK | | | | | | HOURS | COST |
|--|-----------------------------|--------------------------------------|-----------------|---------------------------------|--------------------------------|-------|-----------|
| | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | | |
| 4.0 Environmental Clearance & Documentation | | | | | | | |
| 4.1 Project Initiation | | | | | | | |
| 4.2 Preliminary Environmental Study (PES) | | | | | | | |
| 4.3 Technical Studies | | | | | | | |
| 4.3.1 Hazardous Waste (Initial Site Assessment) | | | | | | | |
| 4.3.2 Preliminary Site Assessment (Step 2) | | | | | | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | |
| 4.3.4 Natural Environmental Study and Focused Wildlife Surveys | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | | 5 | 6 | 8 | 2 | 21 | \$ 3,606 |
| 4.3.7 Visual Resources (Visual Impact Assessment) | | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | | 28 | 28 | 13 | 13 | 82 | \$ 16,791 |
| 4.3.9A Finding of Effect (FoE) (Step 2) | | 18 | 19 | 7 | 5 | 49 | \$ 9,806 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step 2) | | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step 2) | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | | 7 | 10 | 13 | 4 | 34 | \$ 5,815 |
| 4.5.2 Draft IS/EA for Public Review | | 24 | 42 | 32 | 12 | 110 | \$ 19,312 |
| 4.5.3 Public Review | | 4 | 8 | 8 | 4 | 24 | \$ 4,221 |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: May 2, 2023 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|-------------------|--------------------------------------|--------------------|---|--------------|--------------------|
| Trinette Smerko | Senior Technical Specialist | 56 | @ | \$49.00 | \$2,744.00 |
| Theresa Dickerson | Project Manager / Environmental Lead | 475 | @ | \$90.01 | \$42,754.75 |
| Alana Flaherty | Project Planner | 483 | @ | \$48.31 | \$23,333.73 |
| Melissa Symmes | Environmental Analyst / Planner | 453 | @ | \$32.70 | \$14,813.10 |
| Lawrence Spurgeon | Senior Technical Specialist LS | 148 | @ | \$99.05 | \$14,659.40 |
| | | TOTAL HOURS | | | |
| | | | | 1,615 | |
| | | TOTAL DIRECT LABOR | | | \$98,304.98 |

MULTIPLIERS

| | | | |
|------------------------------|---------|---|---------------------|
| ESCALATION @ | 7.85% | (Rates Vary by Phase) | \$7,718.93 |
| FRINGE BENEFIT @ | 33.53% | (of Direct Labor + Escalation) | \$35,549.82 |
| GENERAL AND ADMINISTRATIVE @ | 119.85% | (of Direct Labor + Escalation) | \$127,069.65 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$26,864.34 |
| TOTAL MULTIPLIERS | | | \$197,202.74 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--------------------------|----------|-----------------|---|-----------|-------------------|
| Printing & Reprographics | 100 | Rate/Unit Cost | @ | \$0.40 | \$40.00 |
| Mileage | 20 | Miles | @ | \$0.66 | \$13.10 |
| Delivery Services | 100 | Rate/Unit Cost | @ | \$6.00 | \$600.00 |
| Publications | 2 | Rate/Unit Cost | @ | \$200.00 | \$400.00 |
| Professional Listings | 1 | Estimated Total | @ | \$250.00 | \$250.00 |
| TOTAL ODC'S | | | | | \$1,303.10 |

TOTAL **\$296,810.82**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | | |
|--|--|---|--------------------------|
| COMPANY: WSP | | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | | DATE: May 2, 2023 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|-------------------|--------------------------------------|--------------------|---|---------------------------|--------------------|
| Trinette Smerko | Senior Technical Specialist | 56 | @ | \$49.00 | \$2,744.00 |
| Theresa Dickerson | Project Manager / Environmental Lead | 475 | @ | \$90.01 | \$42,754.75 |
| Alana Flaherty | Project Planner | 483 | @ | \$48.31 | \$23,333.73 |
| Melissa Symmes | Environmental Analyst / Planner | 453 | @ | \$32.70 | \$14,813.10 |
| Lawrence Spurgeon | Senior Technical Specialist LS | 148 | @ | \$99.05 | \$14,659.40 |
| | | TOTAL HOURS | | | 1,615 |
| | | | | TOTAL DIRECT LABOR | \$98,304.98 |

MULTIPLIERS

| | | | |
|------------------------------|---------|---|--------------------------|
| ESCALATION @ | 7.85% | (of Direct Labor) | \$7,718.93 |
| FRINGE BENEFIT @ | 33.53% | (of Direct Labor + Escalation) | \$35,549.82 |
| GENERAL AND ADMINISTRATIVE @ | 119.85% | (of Direct Labor + Escalation) | \$127,069.65 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$26,864.34 |
| | | | TOTAL MULTIPLIERS |
| | | | \$197,202.74 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--------------------------|----------|-----------------|---|--------------------|-------------------|
| Printing & Reprographics | 100 | Rate/Unit Cost | @ | \$0.40 | \$40.00 |
| Mileage | 20 | Miles | @ | \$0.66 | \$13.10 |
| Delivery Services | 100 | Rate/Unit Cost | @ | \$6.00 | \$600.00 |
| Publications | 2 | Rate/Unit Cost | @ | \$200.00 | \$400.00 |
| Professional Listings | 1 | Estimated Total | @ | \$250.00 | \$250.00 |
| | | | | TOTAL ODC'S | \$1,303.10 |

TOTAL \$296,810.82

SUBCONSULTANT MANHOUR WORKSHEET SUMMARY

| | | |
|---|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: May 2, 2023 |

| TASK | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | | | | | HOURS |
|------|-----------------------------|--------------------------------------|-----------------|---------------------------------|--------------------------------|--|--|--|--|-------|
| | \$147.30 | \$270.57 | \$145.22 | \$98.30 | \$297.75 | | | | | |

PHASE TOTALS

| | | | | | | | | | |
|-----------|------------|------------|------------|------------|--|--|--|--|--------------|
| 56 | 475 | 483 | 453 | 148 | | | | | 1,615 |
|-----------|------------|------------|------------|------------|--|--|--|--|--------------|

| | | | | | | | | | | |
|-----------|----|-----|-----|-----|-----|--|--|--|--|-------|
| PHASE I | 56 | 475 | 483 | 453 | 148 | | | | | 1,615 |
| PHASE II | | | | | | | | | | |
| PHASE III | | | | | | | | | | |
| PHASE IV | | | | | | | | | | |

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|---|--|--------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environment | Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | May 2, 2023 |

| TASK | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | HOURS | COST |
|------|-----------------------------|--------------------------------------|-----------------|---------------------------------|--------------------------------|-------|------|
| | \$147.30 | \$270.57 | \$145.22 | \$98.30 | \$297.75 | | |

| | | | | | | | |
|-----------------------|-----------|------------|------------|------------|------------|-------------|----------------------|
| Total Manhours | 56 | 475 | 483 | 453 | 148 | 1615 | \$ 295,507.72 |
|-----------------------|-----------|------------|------------|------------|------------|-------------|----------------------|

| | | | | | | | |
|--|----|----|----|--|---|-----|-----------|
| 1.1 Project Management | 56 | 80 | 40 | | 4 | 180 | \$ 36,894 |
| 1.2 Project Team Meetings | | 72 | 32 | | 4 | 108 | \$ 25,319 |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | |
| 2.0 Research and Data Gathering | | | | | | | |
| 2.1 Collect and Review Existing Information | | | | | | | |
| 2.2 Conduct Field Review | | | | | | | |
| 3.0 Preliminary Engineering | | | | | | | |
| 3.1 Traffic Study (Technical Memorandum/Traffic Summary) | | | | | | | |
| 3.2 Preliminary Utility Mapping | | | | | | | |
| 3.3 Permits | | | | | | | |
| 3.4 Surveying and Right-of-Way Mapping (by County) | | | | | | | |
| 3.5 Preliminary Geotechnical Studies | | | | | | | |
| 3.6 Right-of-Way Requirements Map | | | | | | | |
| 3.7 Geometric Design Drawings | | | | | | | |
| 3.8 Structure Advance Planning Study | | | | | | | |
| 3.9 Hydrologic, Hydraulic and Scour Studies | | | | | | | |
| 3.10 Advisory and Mandatory Fact Sheets | | | | | | | |
| 3.11 Engineer's Estimate | | | | | | | |

SUBCONSULTANT MANHOUR WORKSHEET

| | |
|---|--|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environment Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | |
| May 2, 2023 | |

| TASK | | | | | | HOURS | COST |
|---|-----------------------------|--------------------------------------|-----------------|---------------------------------|--------------------------------|-------|-----------|
| | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | | |
| 4.0 Environmental Clearance & Documentation | | | | | | | |
| 4.1 Project Initiation | | | | | | | |
| 4.2 Preliminary Environmental Study (PES) | | | | | | | |
| 4.3 Technical Studies | | | | | | | |
| 4.3.1 Hazardous Waste (Initial Site Assessment) | | | | | | | |
| 4.3.2 Preliminary Site Assessment (Step 2) | | | | | | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | |
| 4.3.4 Natural Environmental Study and Focused Wildlife Surveys | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | | 5 | 6 | 8 | 2 | 21 | \$ 3,606 |
| 4.3.7 Visual Resources (Visual Impact Assessment) | | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | | 28 | 28 | 13 | 13 | 82 | \$ 16,791 |
| 4.3.9A Finding of Effect (FoE) (Step 2) | | 18 | 19 | 7 | 5 | 49 | \$ 9,806 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step 2) | | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step 2) | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | | 7 | 10 | 13 | 4 | 34 | \$ 5,815 |
| 4.5.2 Draft IS/EA for Public Review | | 24 | 42 | 32 | 12 | 110 | \$ 19,312 |
| 4.5.3 Public Review | | 4 | 8 | 8 | 4 | 24 | \$ 4,221 |

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|---|--|--------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environment | Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | May 2, 2023 |

| TASK | | | | | | HOURS | COST |
|---|-----------------------------|--------------------------------------|-----------------|---------------------------------|--------------------------------|-----------|------|
| | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER / ENVIRONMENTAL LEAD | PROJECT PLANNER | ENVIRONMENTAL ANALYST / PLANNER | SENIOR TECHNICAL SPECIALIST LS | | |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | 12 | 16 | 24 | 8 | 60 | \$ 10,312 | |
| 4.5.5 Final MND/FONSI | 12 | 24 | 32 | | 68 | \$ 9,878 | |
| 4.6 - CEQA EIR | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) | 8 | 12 | 24 | 8 | 52 | \$ 8,648 | |
| 4.6.2 - Admin Draft EIR and MMRP | 26 | 32 | 64 | 16 | 138 | \$ 22,737 | |
| 4.6.3 - Draft EIR and MMRP for Public Circulation | 50 | 96 | 80 | 24 | 250 | \$ 42,480 | |
| 4.6.4 - Public Notices and Meeting | 23 | 26 | 40 | | 89 | \$ 13,931 | |
| 4.6.5 - Final EIR and MMRP | 36 | 42 | 52 | 16 | 146 | \$ 25,715 | |
| 4.6.6 - Admin Record | 16 | 8 | 24 | | 48 | \$ 7,850 | |
| 4.7 - NEPA Categorical Exclusion (CE) | 12 | 24 | 32 | 8 | 76 | \$ 12,260 | |
| 4.8 - Resource Monitoring Plans | | | | | | | |
| 4.8.1 - Paleontological Technical Memorandum | 9 | 9 | | 4 | 22 | \$ 4,933 | |
| 4.8.2 - Paleontological Resource Impact Mitigation Program (PRIMP) | 9 | 9 | | 4 | 22 | \$ 4,933 | |
| 4.9 - Historic Properties Treatment | | | | | | | |
| 4.9.1 - Historic American Engineering Record (HAER) | 8 | | | 4 | 12 | \$ 3,356 | |
| 4.9.2 - Preconstruction Historic Design Elements Review | 8 | | | 4 | 12 | \$ 3,356 | |
| 4.9.3 - Interpretive Webpage | 8 | | | 4 | 12 | \$ 3,356 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Acarl Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: May 2, 2023 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|-------------------|--------------------------------|--------------------|---|--------------|---------------------------|
| Trinette Smerko | Senior Technical Specialist | 56 | @ | \$49.00 | \$2,744.00 |
| Theresa Dickerson | Project Manager | 475 | @ | \$90.01 | \$42,754.75 |
| Alana Flaherty | Project Planner | 483 | @ | \$48.31 | \$23,333.73 |
| Melissa Symmes | Enviro Analyst/Planner | 453 | @ | \$32.70 | \$14,813.10 |
| Lawrence Spurgeon | Senior Technical Specialist LS | 148 | @ | \$99.05 | \$14,659.40 |
| | | TOTAL HOURS | | 1,615 | TOTAL DIRECT LABOR |
| | | | | | \$98,304.98 |

MULTIPLIERS

| | | | |
|------------------------------|---------|---|--------------------------|
| ESCALATION @ | 7.85% | (Rates Vary by Phase) | \$7,718.93 |
| FRINGE BENEFIT @ | 33.53% | (of Direct Labor + Escalation) | \$35,549.82 |
| GENERAL AND ADMINISTRATIVE @ | 119.85% | (of Direct Labor + Escalation) | \$127,069.65 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$26,864.34 |
| | | | TOTAL MULTIPLIERS |
| | | | \$197,202.74 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--------------------------|----------|-----------------|------------|----------|
| Printing & Reprographics | 100 | Rate/Unit Cost | @ \$0.40 | \$40.00 |
| Mileage | 20 | Miles | @ \$0.66 | \$13.10 |
| Delivery Services | 100 | Rate/Unit Cost | @ \$6.00 | \$600.00 |
| Publications | 2 | Rate/Unit Cost | @ \$200.00 | \$400.00 |
| Professional Listings | 1 | Estimated Total | @ \$250.00 | \$250.00 |

TOTAL ODC'S **\$1,303.10**

TOTAL **\$296,810.82**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: May 2, 2023 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT | |
|-------------------|--------------------------------|--------------------|---|--------------|---------------------------|--------------------|
| Trinette Smerko | Senior Technical Specialist | 56 | @ | \$49.00 | \$2,744.00 | |
| Theresa Dickerson | Project Manager | 475 | @ | \$90.01 | \$42,754.75 | |
| Alana Flaherty | Project Planner | 483 | @ | \$48.31 | \$23,333.73 | |
| Melissa Symmes | Enviro Analyst/Planner | 453 | @ | \$32.70 | \$14,813.10 | |
| Lawrence Spurgeon | Senior Technical Specialist LS | 148 | @ | \$99.05 | \$14,659.40 | |
| | | TOTAL HOURS | | 1,615 | TOTAL DIRECT LABOR | \$98,304.98 |

MULTIPLIERS

| | | | |
|------------------------------|---------|---|---------------------|
| ESCALATION @ | 7.85% | (of Direct Labor) | \$7,718.93 |
| FRINGE BENEFIT @ | 33.53% | (of Direct Labor + Escalation) | \$35,549.82 |
| GENERAL AND ADMINISTRATIVE @ | 119.85% | (of Direct Labor + Escalation) | \$127,069.65 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$26,864.34 |
| TOTAL MULTIPLIERS | | | \$197,202.74 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--------------------------|----------|-----------------|---|-----------|-------------------|
| Printing & Reprographics | 100 | Rate/Unit Cost | @ | \$0.40 | \$40.00 |
| Mileage | 20 | Miles | @ | \$0.66 | \$13.10 |
| Delivery Services | 100 | Rate/Unit Cost | @ | \$6.00 | \$600.00 |
| Publications | 2 | Rate/Unit Cost | @ | \$200.000 | \$400.00 |
| Professional Listings | 1 | Estimated Total | @ | \$250.00 | \$250.00 |
| TOTAL ODC'S | | | | | \$1,303.10 |

TOTAL **\$296,810.82**

SUBCONSULTANT MANHOOR WORKSHEET SUMMARY

| | | |
|---|--|-----------------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: May 2, 2023 |

| TASK | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER | PROJECT PLANNER | ENVIRO ANALYST/PLANNER | SENIOR TECHNICAL SPECIALIST LS | | | | | | HOURS |
|------|-----------------------------|-----------------|-----------------|------------------------|--------------------------------|--|--|--|--|--|-------|
| | \$147.30 | \$270.57 | \$145.22 | \$98.30 | \$297.75 | | | | | | |

| | | | | | | | | | | | |
|---------------------|-----------|------------|------------|------------|------------|--|--|--|--|--|--------------|
| PHASE TOTALS | 56 | 475 | 483 | 453 | 148 | | | | | | 1,615 |
|---------------------|-----------|------------|------------|------------|------------|--|--|--|--|--|--------------|

| | | | | | | | | | | | |
|-----------|----|-----|-----|-----|-----|--|--|--|--|--|-------|
| PHASE I | 56 | 475 | 483 | 453 | 148 | | | | | | 1,615 |
| PHASE II | | | | | | | | | | | |
| PHASE III | | | | | | | | | | | |
| PHASE IV | | | | | | | | | | | |

SUBCONSULTANT MANHOUR WORKSHEET

COMPANY:

WSP

SCOPE OF WORK:

Preliminary Engineering & Environment Phase I

PROJECT:

Replacement of Chuckwalla Valley Road over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)]

May 2, 2023

| TASK | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER | PROJECT PLANNER | ENVIRO ANALYST/PLANNER | SENIOR TECHNICAL SPECIALIST LS | HOURS | COST |
|------|-----------------------------|-----------------|-----------------|------------------------|--------------------------------|-------|------|
| | \$147.30 | \$270.57 | \$145.22 | \$98.30 | \$297.75 | | |

| | | | | | | | |
|-----------------------|-----------|------------|------------|------------|------------|-------------|----------------------|
| Total Manhours | 56 | 475 | 483 | 453 | 148 | 1615 | \$ 295,507.72 |
|-----------------------|-----------|------------|------------|------------|------------|-------------|----------------------|

| | | | | | | | |
|--|----|----|----|--|---|-----|-----------|
| 1.1 Project Management | 56 | 80 | 40 | | 4 | 180 | \$ 36,894 |
| 1.2 Project Team Meetings | | 72 | 32 | | 4 | 108 | \$ 25,319 |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | |
| 2.0 Research and Data Gathering | | | | | | | |
| 2.1 Collect and Review Existing Information | | | | | | | |
| 2.2 Conduct Field Review | | | | | | | |
| 3.0 Preliminary Engineering | | | | | | | |
| 3.1 Traffic Study (Technical Memorandum/Traffic Summary) | | | | | | | |
| 3.2 Preliminary Utility Mapping | | | | | | | |
| 3.3 Permits | | | | | | | |
| 3.4 Surveying and Right-of-Way Mapping (by County) | | | | | | | |
| 3.5 Preliminary Geotechnical Studies | | | | | | | |
| 3.6 Right-of-Way Requirements Map | | | | | | | |
| 3.7 Geometric Design Drawings | | | | | | | |
| 3.8 Structure Advance Planning Study | | | | | | | |
| 3.9 Hydrologic, Hydraulic and Scour Studies | | | | | | | |
| 3.10 Advisory and Mandatory Fact Sheets | | | | | | | |
| 3.11 Engineer's Estimate | | | | | | | |

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|---|--|--------------------|
| COMPANY: WSP | SCOPE OF WORK: Preliminary Engineering & Environment | Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | May 2, 2023 |

| TASK | | | | | | HOURS | COST |
|---|-----------------------------|-----------------|-----------------|------------------------|--------------------------------|-------|-----------|
| | SENIOR TECHNICAL SPECIALIST | PROJECT MANAGER | PROJECT PLANNER | ENVIRO ANALYST/PLANNER | SENIOR TECHNICAL SPECIALIST LS | | |
| 4.0 Environmental Clearance & Documentation | | | | | | | |
| 4.1 Project Initiation | | | | | | | |
| 4.2 Preliminary Environmental Study (PES) | | | | | | | |
| 4.3 Technical Studies | | | | | | | |
| 4.3.1 Hazardous Waste (Initial Site Assessment) | | | | | | | |
| 4.3.2 Preliminary Site Assessment (Step 2) | | | | | | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | |
| 4.3.4 Natural Environmental Study and Focused Wildlife Surveys | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | 5 | | 6 | 8 | 2 | 21 | \$ 3,606 |
| 4.3.7 Visual Resources (Visual Impact Assessment) | | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | 28 | | 28 | 13 | 13 | 82 | \$ 16,791 |
| 4.3.9A Finding of Effect (FoE) (Step 2) | 18 | | 19 | 7 | 5 | 49 | \$ 9,806 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step 2) | | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step 2) | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | 7 | | 10 | 13 | 4 | 34 | \$ 5,815 |
| 4.5.2 Draft IS/EA for Public Review | 24 | | 42 | 32 | 12 | 110 | \$ 19,312 |
| 4.5.3 Public Review | 4 | | 8 | 8 | 4 | 24 | \$ 4,221 |

| SUBCONSULTANT FEE PROPOSAL WORKSHEET | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Environmental | PHASE: All Phases |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT | |
|---------------------|---|--------------------|---|--------------|---------------------------|--------------------|
| A. Ollendorf | Principal In Charge | 22 | @ | \$77.86 | \$1,712.92 | |
| M. Colleen Hamilton | Principal Archaeologist/Architectural Historian | 144 | @ | \$54.10 | \$7,790.40 | |
| S. Wood | Senior Architectural Historian | 538 | @ | \$35.22 | \$18,948.36 | |
| J. George | Staff Archaeologist/Project Manager | 620 | @ | \$36.43 | \$22,586.60 | |
| C. Shi | Field Supervisor | 116 | @ | \$33.01 | \$3,829.16 | |
| C. Inoway | Associate Archaeologist/GIS Supervisor | 36 | @ | \$33.90 | \$1,220.40 | |
| B. Bircheff | Administrative Assistant | 42 | @ | \$32.58 | \$1,368.36 | |
| Susan Rapp | Editor3 | 72 | @ | \$46.33 | \$3,336.10 | |
| Kamil Woods | Editor1 | 12 | @ | \$29.29 | \$351.42 | |
| | | TOTAL HOURS | | 1,602 | TOTAL DIRECT LABOR | \$61,143.72 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|--------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$1,528.59 |
| FRINGE BENEFIT @ | 45.40% | (of Direct Labor + Escalation) | \$28,453.23 |
| GENERAL AND ADMINISTRATIVE @ | 74.60% | (of Direct Labor + Escalation) | \$46,753.55 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$13,787.91 |
| TOTAL MULTIPLIERS | | | \$90,523.28 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|-------------------------------------|----------|------|---|-------------|--------------------|
| Reproduction | 1 | LS | @ | \$900.00 | \$900.00 |
| Mileage | 1 | LS | @ | \$488.00 | \$488.00 |
| Rental Cars & Fuel | 1 | LS | @ | \$360.00 | \$360.00 |
| Travel - Lodging | 1 | LS | @ | \$320.00 | \$320.00 |
| Travel - Meals | 1 | LS | @ | \$208.00 | \$208.00 |
| Stephen Schafer - HAER photographer | 1 | LS | @ | \$12,800.00 | \$12,800.00 |
| TOTAL ODC'S | | | | | \$15,076.00 |

TOTAL **\$166,743.00**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---|--------------|---|---------------------------|--------------------|
| A. Ollendorf | Principal In Charge | 22 | @ | \$77.86 | \$1,712.92 |
| M. Colleen Hamilton | Principal Archaeologist/Architectural Historian | 144 | @ | \$54.10 | \$7,790.40 |
| S. Wood | Senior Architectural Historian | 538 | @ | \$35.22 | \$18,948.36 |
| J. George | Staff Archaeologist/Project Manager | 620 | @ | \$36.43 | \$22,586.60 |
| C. Shi | Field Supervisor | 116 | @ | \$33.01 | \$3,829.16 |
| C. Inoway | Associate Archaeologist/GIS Supervisor | 36 | @ | \$33.90 | \$1,220.40 |
| B. Bircheff | Administrative Assistant | 42 | @ | \$32.58 | \$1,368.36 |
| Susan Rapp | Editor3 | 72 | @ | \$46.33 | \$3,336.10 |
| Kamil Woods | Editor1 | 12 | @ | \$29.29 | \$351.42 |
| TOTAL HOURS | | 1,602 | | TOTAL DIRECT LABOR | \$61,143.72 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|--------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$1,528.59 |
| FRINGE BENEFIT @ | 45.40% | (of Direct Labor + Escalation) | \$28,453.23 |
| GENERAL AND ADMINISTRATIVE @ | 74.60% | (of Direct Labor + Escalation) | \$46,753.55 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$13,787.91 |
| TOTAL MULTIPLIERS | | | \$90,523.28 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|-------------------------------------|----------|------|---|-------------|--------------------|
| Reproduction | 1 | LS | @ | \$900.00 | \$900.00 |
| Mileage | 1 | LS | @ | \$488.00 | \$488.00 |
| Rental Cars & Fuel | 1 | LS | @ | \$360.00 | \$360.00 |
| Travel - Lodging | 1 | LS | @ | \$320.00 | \$320.00 |
| Travel - Meals | 1 | LS | @ | \$208.00 | \$208.00 |
| Stephen Schafer - HAER photographer | 1 | LS | @ | \$12,800.00 | \$12,800.00 |
| TOTAL ODC'S | | | | | \$15,076.00 |

TOTAL **\$166,743.00**

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: November 10, 2025 |

| TASK | ROLES | | | | | | | | | | HOURS | COST | | | |
|---|---------------------|-------------------------|-------------------------|--------------------------------|---------------------|-----------------|------------------|-------------------------|----------------|--------------------------|-------|------|---------|---------|-----------|
| | PRINCIPAL IN CHARGE | PRINCIPAL ARCHAEOLOGIST | ARCHITECTURAL HISTORIAN | SENIOR ARCHITECTURAL HISTORIAN | STAFF ARCHAEOLOGIST | PROJECT MANAGER | FIELD SUPERVISOR | ASSOCIATE ARCHAEOLOGIST | GIS SUPERVISOR | ADMINISTRATIVE ASSISTANT | | | EDITOR3 | EDITOR1 | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | | | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | | | 22 | 22 | | | 4 | 4 | | | | | | 52 | \$ 4,570 |
| 4.3.7 Visual Resources (Visual Impact Assessment) | | | | | | | | | | | | | | | |
| 4.3.8 Culture Resources Study | | | 36 | 64 | | | 10 | 6 | | | | | | 116 | \$ 10,254 |
| 4.3.9A Finding of Effect (FoE) (Step 2) | | | 64 | 52 | | | | 6 | | | | | | 122 | \$ 10,775 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step 2) | | | 96 | 96 | | | 8 | 12 | | | | | | 212 | \$ 18,704 |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | | | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step 2) | | | | | | | | | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | | | | | | | | | | | | | | | |
| 4.5.2 Draft IS/EA for Public Review | | | | | | | | | | | | | | | |
| 4.5.3 Public Review | | | | | | | | | | | | | | | |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | | | | | | | | | | | | | | | |
| 4.5.5 Final MND/FONSI | | | | | | | | | | | | | | | |
| 4.6 - CEQA EIR - Chuckwalla Valley Road Bridges | | | | | | | | | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for EIR - Chuckwalla Valley Road Bridges | | | | | | | | | | | | | | | |
| 4.6.2 - Admin Draft EIR and MMRP - Chuckwalla Valley Road Bridges | | | 16 | 8 | 88 | 8 | | | | | | | | 120 | \$ 11,437 |
| 4.6.3 - Draft EIR and MMRP - Chuckwalla Valley Road Bridges | | | | | | | | | | | | | | | |
| 4.6.4 - Public Notices and Meeting- Chuckwalla Valley Road Bridges | | | | | | | | | | | | | | | |
| 4.6.5 - Final EIR and MMRP - Chuckwalla Valley Road Bridges | | | | | | | | | | | | | | | |
| 4.6.6 - Admin Record- Chuckwalla Valley Road Bridges | | | | | | | | | | | | | | | |
| 4.7 - NEPA Categorical Exclusion (CE) - RR Ave Bridges | | | | | | | | | | | | | | | |
| 4.8 - Paleontological Resources Assessment and Monitoring Plans | | | | | | | | | | | | | | | |
| 4.8.1 - Paleontological Technical Memorandum | | 6 | 4 | | 20 | 36 | 6 | 6 | | | | | | 78 | \$ 7,368 |
| 4.8.2 - Paleontological Resource Impact Mitigation Program (PRIMP) | | 16 | 4 | | 20 | 72 | 8 | 8 | | | | | | 128 | \$ 12,505 |
| 4.9 - Historic Properties Treatment - Chuckwalla Valley Road Bridges | | | | | | | | | | | | | | | |
| 4.9.1 - Historic American Engineering Record (HAER) - Chuckwalla Valley Road Bridges | | | 80 | 160 | 40 | | | | | 40 | 4 | | | 324 | \$ 33,216 |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Environmental | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---|------------|---|--------------------|-------------------|
| A. Ollendorf | Principal In Charge | 5 | @ | \$77.86 | \$389.30 |
| M. Colleen Hamilton | Principal Archaeologist/Architectural Historian | | | \$54.10 | |
| S. Wood | Senior Architectural Historian | 33 | @ | \$35.22 | \$1,162.26 |
| J. George | Staff Archaeologist/Project Manager | 61 | @ | \$36.43 | \$2,222.23 |
| C. Shi | Field Supervisor | 26 | @ | \$33.01 | \$858.26 |
| C. Inoway | Associate Archaeologist/GIS Supervisor | 8 | @ | \$33.90 | \$271.20 |
| B. Bircheff | Administrative Assistant | 7 | @ | \$32.58 | \$228.06 |
| Susan Rapp | Editor3 | | | \$46.33 | |
| Kamil Woods | Editor1 | | | \$29.29 | |
| TOTAL HOURS | | 140 | | TOTAL DIRECT LABOR | \$5,131.31 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$128.28 |
| FRINGE BENEFIT @ | 45.40% | (of Direct Labor + Escalation) | \$2,387.86 |
| GENERAL AND ADMINISTRATIVE @ | 74.60% | (of Direct Labor + Escalation) | \$3,923.66 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$1,157.11 |
| TOTAL MULTIPLIERS | | | \$7,596.90 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|-------------------------------------|----------|------|-----------|--------|
| Reproduction | | LS | | |
| Mileage | | LS | | |
| Rental Cars & Fuel | | LS | | |
| Travel - Lodging | | LS | | |
| Travel - Meals | | LS | | |
| Stephen Schafer - HAER photographer | | LS | | |

TOTAL ODC'S

TOTAL **\$12,728.21**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|---|------------|---------------------------|-------------------|
| A. Ollendorf | Principal In Charge | 5 | @ \$77.86 | \$389.30 |
| M. Colleen Hamilton | Principal Archaeologist/Architectural Historian | | \$54.10 | |
| S. Wood | Senior Architectural Historian | 33 | @ \$35.22 | \$1,162.26 |
| J. George | Staff Archaeologist/Project Manager | 61 | @ \$36.43 | \$2,222.23 |
| C. Shi | Field Supervisor | 26 | @ \$33.01 | \$858.26 |
| C. Inoway | Associate Archaeologist/GIS Supervisor | 8 | @ \$33.90 | \$271.20 |
| B. Bircheff | Administrative Assistant | 7 | @ \$32.58 | \$228.06 |
| Susan Rapp | Editor3 | | \$46.33 | |
| Kamil Woods | Editor1 | | \$29.29 | |
| TOTAL HOURS | | 140 | TOTAL DIRECT LABOR | \$5,131.31 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$128.28 |
| FRINGE BENEFIT @ | 45.40% | (of Direct Labor + Escalation) | \$2,387.86 |
| GENERAL AND ADMINISTRATIVE @ | 74.60% | (of Direct Labor + Escalation) | \$3,923.66 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$1,157.11 |
| TOTAL MULTIPLIERS | | | \$7,596.90 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|-------------------------------------|----------|------|-----------|--------|
| Reproduction | | LS | | |
| Mileage | | LS | | |
| Rental Cars & Fuel | | LS | | |
| Travel - Lodging | | LS | | |
| Travel - Meals | | LS | | |
| Stephen Schafer - HAER photographer | | LS | | |

TOTAL ODC'S

TOTAL **\$12,728.21**

SUBCONSULTANT MANHOUR WORKSHEET SUMMARY

| | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Environmental | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: November 10, 2025 |

| TASK | PRINCIPAL IN CHARGE | PRINCIPAL ARCHAEOLOGIST/HISTORIAN | SENIOR ARCHITECTURAL HISTORIAN | STAFF ARCHAEOLOGIST/PROJECT MANAGER | FIELD SUPERVISOR | ASSOCIATE ARCHAEOLOGIST/GIS SUPERVISOR | ADMINISTRATIVE ASSISTANT | EDITOR3 | EDITOR1 | HOURS |
|------|---------------------|-----------------------------------|--------------------------------|-------------------------------------|------------------|--|--------------------------|---------|---------|-------|
|------|---------------------|-----------------------------------|--------------------------------|-------------------------------------|------------------|--|--------------------------|---------|---------|-------|

\$193.13 \$134.20 \$87.36 \$90.36 \$79.88 \$84.09 \$80.81 \$114.93 \$72.64

PHASE TOTALS

| | | | | | | |
|----------|-----------|-----------|-----------|----------|----------|------------|
| 5 | 33 | 61 | 26 | 8 | 7 | 140 |
|----------|-----------|-----------|-----------|----------|----------|------------|

| |
|-----------|
| PHASE I |
| PHASE II |
| PHASE III |
| PHASE IV |

5 33 61 26 8 7 140

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Environmental | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---|--------------------|------------|---------------------------|-------------------|
| A. Ollendorf | Principal In Charge | 5 | @ | \$77.86 | \$389.30 |
| M. Colleen Hamilton | Principal Archaeologist/Architectural Historian | | | \$54.10 | |
| S. Wood | Senior Architectural Historian | 33 | @ | \$35.22 | \$1,162.26 |
| J. George | Staff Archaeologist/Project Manager | 61 | @ | \$36.43 | \$2,222.23 |
| C. Shi | Field Supervisor | 26 | @ | \$33.01 | \$858.26 |
| C. Inoway | Associate Archaeologist/GIS Supervisor | 8 | @ | \$33.90 | \$271.20 |
| B. Bircheff | Administrative Assistant | 7 | @ | \$32.58 | \$228.06 |
| Susan Rapp | Editor3 | | | \$46.33 | |
| Kamil Woods | Editor1 | | | \$29.29 | |
| | | TOTAL HOURS | 140 | TOTAL DIRECT LABOR | \$6,131.31 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$128.28 |
| FRINGE BENEFIT @ | 45.40% | (of Direct Labor + Escalation) | \$2,387.86 |
| GENERAL AND ADMINISTRATIVE @ | 74.60% | (of Direct Labor + Escalation) | \$3,923.66 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$1,157.11 |
| TOTAL MULTIPLIERS | | | \$7,596.90 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--------------------|----------|------|-----------|--------|
| Reproduction | | LS | | |
| Mileage | | LS | | |
| Rental Cars & Fuel | | LS | | |
| Travel - Lodging | | LS | | |

TOTAL ODC'S

TOTAL **\$12,728.21**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---|--------------------|------------|---------------------------|-------------------|
| A. Ollendorf | Principal In Charge | 5 | @ | \$77.86 | \$389.30 |
| M. Colleen Hamilton | Principal Archaeologist/Architectural Historian | | | \$54.10 | |
| S. Wood | Senior Architectural Historian | 33 | @ | \$35.22 | \$1,162.26 |
| J. George | Staff Archaeologist/Project Manager | 61 | @ | \$36.43 | \$2,222.23 |
| C. Shi | Field Supervisor | 26 | @ | \$33.01 | \$858.26 |
| C. Inoway | Associate Archaeologist/GIS Supervisor | 8 | @ | \$33.90 | \$271.20 |
| B. Bircheff | Administrative Assistant | 7 | @ | \$32.58 | \$228.06 |
| Susan Rapp | Editor3 | | | \$46.33 | |
| Kamil Woods | Editor1 | | | \$29.29 | |
| | | TOTAL HOURS | 140 | TOTAL DIRECT LABOR | \$5,131.31 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$128.28 |
| FRINGE BENEFIT @ | 45.40% | (of Direct Labor + Escalation) | \$2,387.86 |
| GENERAL AND ADMINISTRATIVE @ | 74.60% | (of Direct Labor + Escalation) | \$3,923.66 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$1,157.11 |
| TOTAL MULTIPLIERS | | | \$7,596.90 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--------------------|----------|------|-----------|--------|
| Reproduction | | LS | | |
| Mileage | | LS | | |
| Rental Cars & Fuel | | LS | | |
| Travel - Lodging | | LS | | |

TOTAL ODC'S

TOTAL **\$12,728.21**

SUBCONSULTANT MANHOUR WORKSHEET SUMMARY

| | | |
|--|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Environmental | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: November 10, 2025 |

| TASK | PRINCIPAL IN CHARGE | PRINCIPAL ARCHAEOLOGIST/HISTORIAN | SENIOR ARCHITECTURAL HISTORIAN | STAFF ARCHAEOLOGIST/PROJECT MANAGER | FIELD SUPERVISOR | ASSOCIATE ARCHAEOLOGIST/GIS SUPERVISOR | ADMINISTRATIVE ASSISTANT | EDITOR3 | EDITOR1 | HOURS |
|------|---------------------|-----------------------------------|--------------------------------|-------------------------------------|------------------|--|--------------------------|---------|---------|-------|
|------|---------------------|-----------------------------------|--------------------------------|-------------------------------------|------------------|--|--------------------------|---------|---------|-------|

\$193.13 \$134.20 \$87.36 \$90.36 \$79.88 \$84.09 \$80.81 \$114.93 \$72.64

PHASE TOTALS

| | | | | | | |
|----------|-----------|-----------|-----------|----------|----------|------------|
| 5 | 33 | 61 | 26 | 8 | 7 | 140 |
|----------|-----------|-----------|-----------|----------|----------|------------|

- PHASE I
- PHASE II
- PHASE III
- PHASE IV

5 33 61 26 8 7 140

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Environmental | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---|--------------------|------------|---------------------------|--------------------|
| A. Ollendorf | Principal In Charge | 3 | @ | \$77.86 | \$233.58 |
| M. Colleen Hamilton | Principal Archaeologist/Architectural Historian | 36 | @ | \$54.10 | \$1,947.60 |
| S. Wood | Senior Architectural Historian | 118 | @ | \$35.22 | \$4,155.96 |
| J. George | Staff Archaeologist/Project Manager | 125 | @ | \$36.43 | \$4,535.54 |
| C. Shi | Field Supervisor | 16 | @ | \$33.01 | \$528.16 |
| C. Inoway | Associate Archaeologist/GIS Supervisor | 5 | @ | \$33.90 | \$169.50 |
| B. Bircheff | Administrative Assistant | 7 | @ | \$32.58 | \$228.06 |
| Susan Rapp | Editor3 | 18 | @ | \$46.33 | \$834.02 |
| Kamil Woods | Editor1 | 3 | @ | \$29.29 | \$87.86 |
| | | TOTAL HOURS | 331 | TOTAL DIRECT LABOR | \$12,720.28 |

MULTIPLIERS

| | | | | |
|------------------------------|--------|---|--------------------------|--------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$318.01 | |
| FRINGE BENEFIT @ | 45.40% | (of Direct Labor + Escalation) | \$5,919.38 | |
| GENERAL AND ADMINISTRATIVE @ | 74.60% | (of Direct Labor + Escalation) | \$9,726.56 | |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,868.42 | |
| | | | TOTAL MULTIPLIERS | \$18,832.37 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT | |
|-------------------------------------|----------|------|---|------------|--------------------|-------------------|
| Reproduction | 1 | LS | @ | \$225.00 | \$225.00 | |
| Mileage | 1 | LS | @ | \$122.00 | \$122.00 | |
| Rental Cars & Fuel | 1 | LS | @ | \$90.00 | \$90.00 | |
| Travel - Lodging | 1 | LS | @ | \$80.00 | \$80.00 | |
| Travel - Meals | 1 | LS | @ | \$52.00 | \$52.00 | |
| Stephen Schafer - HAER photographer | 1 | LS | @ | \$3,200.00 | \$3,200.00 | |
| | | | | | TOTAL ODC'S | \$3,769.00 |

TOTAL **\$35,321.64**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---|------------|---|---------------------------|--------------------|
| A. Ollendorf | Principal In Charge | 3 | @ | \$77.86 | \$233.58 |
| M. Colleen Hamilton | Principal Archaeologist/Architectural Historian | 36 | @ | \$54.10 | \$1,947.60 |
| S. Wood | Senior Architectural Historian | 118 | @ | \$35.22 | \$4,155.96 |
| J. George | Staff Archaeologist/Project Manager | 125 | @ | \$36.43 | \$4,535.54 |
| C. Shi | Field Supervisor | 16 | @ | \$33.01 | \$528.16 |
| C. Inoway | Associate Archaeologist/GIS Supervisor | 5 | @ | \$33.90 | \$169.50 |
| B. Bircheff | Administrative Assistant | 7 | @ | \$32.58 | \$228.06 |
| Susan Rapp | Editor3 | 18 | @ | \$46.33 | \$834.02 |
| Kamil Woods | Editor1 | 3 | @ | \$29.29 | \$87.86 |
| TOTAL HOURS | | 331 | | TOTAL DIRECT LABOR | \$12,720.28 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|--------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$318.01 |
| FRINGE BENEFIT @ | 45.40% | (of Direct Labor + Escalation) | \$5,919.38 |
| GENERAL AND ADMINISTRATIVE @ | 74.60% | (of Direct Labor + Escalation) | \$9,726.56 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,868.42 |
| TOTAL MULTIPLIERS | | | \$18,832.37 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|-------------------------------------|----------|------|---|------------|------------|
| Reproduction | 1 | LS | @ | \$225.00 | \$225.00 |
| Mileage | 1 | LS | @ | \$122.00 | \$122.00 |
| Rental Cars & Fuel | 1 | LS | @ | \$90.00 | \$90.00 |
| Travel - Lodging | 1 | LS | @ | \$80.00 | \$80.00 |
| Travel - Meals | 1 | LS | @ | \$52.00 | \$52.00 |
| Stephen Schafer - HAER photographer | 1 | LS | @ | \$3,200.00 | \$3,200.00 |

TOTAL ODC'S **\$3,769.00**

TOTAL **\$35,321.64**

SUBCONSULTANT MANHOOR WORKSHEET

| | | |
|---|--|--------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | DATE: November 10, 2025 | |

| TASK | PRINCIPAL IN CHARGE | PRINCIPAL ARCHAEOLOGIST/ARCHITECTURAL HISTORIAN | SENIOR ARCHITECTURAL HISTORIAN | STAFF ARCHAEOLOGIST/PROJECT MANAGER | FIELD SUPERVISOR | ASSOCIATE ARCHAEOLOGIST/SUPERVISOR | ADMINISTRATIVE ASSISTANT | EDITOR3 | EDITOR1 | HOURS | COST |
|------|---------------------|---|--------------------------------|-------------------------------------|------------------|------------------------------------|--------------------------|----------|---------|-------|------|
| | \$193.13 | \$134.20 | \$87.36 | \$90.36 | \$79.88 | \$84.09 | \$80.81 | \$114.93 | \$72.64 | | |

Total Manhours

| | | | | | | | | | |
|----------|-----------|------------|------------|-----------|----------|----------|-----------|----------|------------|
| 3 | 36 | 118 | 125 | 16 | 5 | 7 | 18 | 3 | 331 |
|----------|-----------|------------|------------|-----------|----------|----------|-----------|----------|------------|

| | | | | | | | | | | | | | |
|--|--|--|-----------|-----------|--|----------|----------|--|--|--|--|-----------|-----------------|
| 1.1 Project Management | | | | | | | | | | | | 12 | \$ 1,039 |
| 1.2 Project Team Meetings | | | 4 | 15 | | | | | | | | 19 | \$ 1,705 |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | | | | | | | |
| 2.0 Research and Data Gathering | | | | | | | | | | | | | |
| 2.1 Collect and Review Existing Information | | | | | | | | | | | | | |
| 2.2 Conduct Field Review | | | | | | | | | | | | | |
| 3.0 Preliminary Engineering | | | | | | | | | | | | | |
| 3.1 Traffic Study (Technical Memorandum/Traffic Summary) | | | | | | | | | | | | | |
| 3.2 Preliminary Utility Mapping | | | | | | | | | | | | | |
| 3.3 Permits | | | | | | | | | | | | | |
| 3.4 Surveying and Right-of-Way Mapping (by County) | | | | | | | | | | | | | |
| 3.5 Preliminary Geotechnical Studies | | | | | | | | | | | | | |
| 3.6 Right-of-Way Requirements Map | | | | | | | | | | | | | |
| 3.7 Geometric Approval Drawings | | | | | | | | | | | | | |
| 3.8 Structure Advance Planning Study | | | | | | | | | | | | | |
| 3.9 Hydrologic, Hydraulic and Scour Studies | | | | | | | | | | | | | |
| 3.10 Advisory and Mandatory Fact Sheets | | | | | | | | | | | | | |
| 3.11 Engineer's Estimate | | | | | | | | | | | | | |
| 4.0 Environmental Clearance & Documentation | | | | | | | | | | | | | |
| 4.1 Project Initiation | | | | | | | | | | | | | |
| 4.2 Preliminary Environmental Study (PES) | | | | | | | | | | | | | |
| 4.3 Technical Studies | | | | | | | | | | | | | |
| 4.3.1 Hazardous Waste (Initial Site Assessment) | | | | | | | | | | | | | |
| 4.3.2 Preliminary Site Assessment (Step-2) | | | | | | | | | | | | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | | | | | | | |
| 4.3.4 Natural Environmental Study | | | | | | | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | | | | | | | | | | | | | |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | | | | | | | | | | | | | |
| 4.3.8 Culture Resources Study | | | 6 | 6 | | 1 | 1 | | | | | 14 | \$ 1,231 |
| 4.3.9A Finding of Effect (FoE) (Step-2) | | | 10 | 8 | | | 1 | | | | | 19 | \$ 1,677 |

SUBCONSULTANT MANHOOR WORKSHEET

| | | |
|---|--|--------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | DATE: November 10, 2025 | |

| TASK | PRINCIPAL IN CHARGE | PRINCIPAL ARCHAEOLOGIST/ARCHITECTURAL HISTORIAN | SENIOR ARCHITECTURAL HISTORIAN | STAFF ARCHAEOLOGIST/PROJECT MANAGER | FIELD SUPERVISOR | ASSOCIATE ARCHAEOLOGIST/SUPERVISOR | ADMINISTRATIVE ASSISTANT | EDITOR3 | EDITOR1 | HOURS | COST |
|--|---|---|--------------------------------|-------------------------------------|------------------|------------------------------------|--------------------------|---------|---------|-------|----------|
| | 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | | 24 | 24 | | 2 | 3 | | | | 53 |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | | | | | | | | | | | |
| 4.5.2 Draft IS/EA for Public Review | | | | | | | | | | | |
| 4.5.3 Public Review | | | | | | | | | | | |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | | | | | | | | | | | |
| 4.5.5 Final MND/FONSI | | | | | | | | | | | |
| 4.6 - CEQA EIR - Chuckwalla Valley Road Bridges | | | | | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for EIR - Chuckwalla Valley Road Bridges | | | | | | | | | | | |
| 4.6.2 - Admin Draft EIR and MMRP - Chuckwalla Valley Road Bridges | 4 | 2 | 22 | 2 | | | | | | 30 | \$ 2,859 |
| 4.6.3 - Draft EIR and MMRP - Chuckwalla Valley Road Bridges | | | | | | | | | | | |
| 4.6.4 - Public Notices and Meeting- Chuckwalla Valley Road Bridges | | | | | | | | | | | |
| 4.6.5 - Final EIR and MMRP - Chuckwalla Valley Road Bridges | | | | | | | | | | | |
| 4.6.6 - Admin Record- Chuckwalla Valley Road Bridges | | | | | | | | | | | |
| 4.7 - NEPA Categorical Exclusion (CE) - RR Ave Bridges | | | | | | | | | | | |
| 4.8 - Paleontological Resources Assessment and Monitoring Plans | | | | | | | | | | | |
| 4.8.1 - Paleontological Technical Memorandum | 1 | 1 | 5 | 5 | 1 | 1 | | | | 14 | \$ 1,343 |
| 4.8.2 - Paleontological Resource Impact Mitigation Program (PRIMP) | 2 | 1 | 5 | 9 | 1 | 1 | | | | 19 | \$ 1,856 |
| 4.9 - Historic Properties Treatment - Chuckwalla Valley Road Bridges | | | | | | | | | | | |
| 4.9.1 - Historic American Engineering Record (HAER) - Chuckwalla Valley Road Bridges | 20 | 40 | 10 | | | | 10 | 1 | | 81 | \$ 8,304 |
| 4.9.2 - Preconstruction Historic Design Elements Review - Chuckwalla Valley Road Bridges | 6 | 16 | | | | | 4 | 1 | | 27 | \$ 2,735 |
| 4.9.3 - Interpretive Webpage - Chuckwalla Valley Road Bridges | 4 | 16 | 10 | | | | 4 | 1 | | 35 | \$ 3,371 |
| 4.9.4 - Annual Reports - Chuckwalla Valley Road Bridges | | | 8 | | | | | | | 8 | \$ 723 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Environmental | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---|------------|--------------------|---------|--------------------|
| A. Ollendorf | Principal In Charge | 3 | @ | \$77.86 | \$233.58 |
| M. Colleen Hamilton | Principal Archaeologist/Architectural Historian | 36 | @ | \$54.10 | \$1,947.60 |
| S. Wood | Senior Architectural Historian | 118 | @ | \$35.22 | \$4,155.96 |
| J. George | Staff Archaeologist/Project Manager | 125 | @ | \$36.43 | \$4,535.54 |
| C. Shi | Field Supervisor | 16 | @ | \$33.01 | \$528.16 |
| C. Inoway | Associate Archaeologist/GIS Supervisor | 5 | @ | \$33.90 | \$169.50 |
| B. Bircheff | Administrative Assistant | 7 | @ | \$32.58 | \$228.06 |
| Susan Rapp | Editor3 | 18 | @ | \$46.33 | \$834.02 |
| Kamil Woods | Editor1 | 3 | @ | \$29.29 | \$87.86 |
| TOTAL HOURS | | 331 | TOTAL DIRECT LABOR | | \$12,720.28 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|--------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$318.01 |
| FRINGE BENEFIT @ | 45.40% | (of Direct Labor + Escalation) | \$5,919.38 |
| GENERAL AND ADMINISTRATIVE @ | 74.60% | (of Direct Labor + Escalation) | \$9,726.56 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,868.42 |
| TOTAL MULTIPLIERS | | | \$18,832.37 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|-------------------------------------|----------|------|---|------------|-------------------|
| Reproduction | 1 | LS | @ | \$225.00 | \$225.00 |
| Mileage | 1 | LS | @ | \$122.00 | \$122.00 |
| Rental Cars & Fuel | 1 | LS | @ | \$90.00 | \$90.00 |
| Travel - Lodging | 1 | LS | @ | \$80.00 | \$80.00 |
| Travel - Meals | 1 | LS | @ | \$52.00 | \$52.00 |
| Stephen Schafer - HAER photographer | 1 | LS | @ | \$3,200.00 | \$3,200.00 |
| TOTAL ODC'S | | | | | \$3,769.00 |

TOTAL \$35,321.64

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---|--------------------|---------------------------|------------|--------------------|
| A. Ollendorf | Principal In Charge | 3 | @ | \$77.86 | \$233.58 |
| M. Colleen Hamilton | Principal Archaeologist/Architectural Historian | 36 | @ | \$54.10 | \$1,947.60 |
| S. Wood | Senior Architectural Historian | 118 | @ | \$35.22 | \$4,155.96 |
| J. George | Staff Archaeologist/Project Manager | 125 | @ | \$36.43 | \$4,535.54 |
| C. Shi | Field Supervisor | 16 | @ | \$33.01 | \$528.16 |
| C. Inoway | Associate Archaeologist/GIS Supervisor | 5 | @ | \$33.90 | \$169.50 |
| B. Bircheff | Administrative Assistant | 7 | @ | \$32.58 | \$228.06 |
| Susan Rapp | Editor3 | 18 | @ | \$46.33 | \$834.02 |
| Kamil Woods | Editor1 | 3 | @ | \$29.29 | \$87.86 |
| | | TOTAL HOURS | | 331 | |
| | | | TOTAL DIRECT LABOR | | \$12,720.28 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|--------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$318.01 |
| FRINGE BENEFIT @ | 45.40% | (of Direct Labor + Escalation) | \$5,919.38 |
| GENERAL AND ADMINISTRATIVE @ | 74.60% | (of Direct Labor + Escalation) | \$9,726.56 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,868.42 |
| TOTAL MULTIPLIERS | | | \$18,832.37 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|-------------------------------------|----------|------|---|------------|------------|
| Reproduction | 1 | LS | @ | \$225.00 | \$225.00 |
| Mileage | 1 | LS | @ | \$122.00 | \$122.00 |
| Rental Cars & Fuel | 1 | LS | @ | \$90.00 | \$90.00 |
| Travel - Lodging | 1 | LS | @ | \$80.00 | \$80.00 |
| Travel - Meals | 1 | LS | @ | \$52.00 | \$52.00 |
| Stephen Schafer - HAER photographer | 1 | LS | @ | \$3,200.00 | \$3,200.00 |

TOTAL ODC'S \$3,769.00

TOTAL \$35,321.64

SUBCONSULTANT MANHOUR WORKSHEET SUMMARY

| | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Environmental | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: November 10, 2025 |

| TASK | PRINCIPAL IN CHARGE | PRINCIPAL ARCHAEOLOGIST/HISTORIAN | SENIOR ARCHITECTURAL HISTORIAN | STAFF ARCHAEOLOGIST/PROJECT MANAGER | FIELD SUPERVISOR | ASSOCIATE ARCHAEOLOGIST/GIS SUPERVISOR | ADMINISTRATIVE ASSISTANT | EDITOR3 | EDITOR1 | HOURS |
|------|---------------------|-----------------------------------|--------------------------------|-------------------------------------|------------------|--|--------------------------|---------|---------|-------|
|------|---------------------|-----------------------------------|--------------------------------|-------------------------------------|------------------|--|--------------------------|---------|---------|-------|

\$193.13 \$134.20 \$87.36 \$90.36 \$79.88 \$84.09 \$80.81 \$114.93 \$72.64

PHASE TOTALS

| | | | | | | | | | |
|----------|-----------|------------|------------|-----------|----------|----------|-----------|----------|------------|
| 3 | 36 | 118 | 125 | 16 | 5 | 7 | 18 | 3 | 331 |
|----------|-----------|------------|------------|-----------|----------|----------|-----------|----------|------------|

- PHASE I
- PHASE II
- PHASE III
- PHASE IV

| | | | | | | | | | |
|---|----|-----|-----|----|---|---|----|---|-----|
| 3 | 36 | 118 | 125 | 16 | 5 | 7 | 18 | 3 | 331 |
|---|----|-----|-----|----|---|---|----|---|-----|

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|---|--|--------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | DATE: November 10, 2025 | |

| TASK | PRINCIPAL IN CHARGE | PRINCIPAL ARCHAEOLOGIST/ARCHITECTURAL HISTORIAN | SENIOR ARCHITECTURAL HISTORIAN | STAFF ARCHAEOLOGIST/PROJECT MANAGER | FIELD SUPERVISOR | ASSOCIATE ARCHAEOLOGIST/GIS SUPERVISOR | ADMINISTRATIVE ASSISTANT | EDITOR3 | EDITOR1 | HOURS | COST |
|---|---------------------|---|--------------------------------|-------------------------------------|------------------|--|--------------------------|---------|---------|-------|----------|
| | | | | | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | | | | | | | | | | | |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | | | | | | | | | | | |
| 4.3.8 Culture Resources Study | | 6 | 6 | | 1 | 1 | | | | 14 | \$ 1,231 |
| 4.3.9A Finding of Effect (FoE) (Step-2) | | 10 | 8 | | | 1 | | | | 19 | \$ 1,677 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | | 24 | 24 | | 2 | 3 | | | | 53 | \$ 4,676 |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | | | | | | | | | | | |
| 4.5.2 Draft IS/EA for Public Review | | | | | | | | | | | |
| 4.5.3 Public Review | | | | | | | | | | | |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | | | | | | | | | | | |
| 4.5.5 Final MND/FONSI | | | | | | | | | | | |
| 4.6 - CEQA EIR - Chuckwalla Valley Road Bridges | | | | | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for EIR - Chuckwalla Valley Road Bridges | | | | | | | | | | | |
| 4.6.2 - Admin Draft EIR and MMRP - Chuckwalla Valley Road Bridges | | 4 | 2 | 22 | 2 | | | | | 30 | \$ 2,859 |
| 4.6.3 - Draft EIR and MMRP - Chuckwalla Valley Road Bridges | | | | | | | | | | | |
| 4.6.4 - Public Notices and Meeting- Chuckwalla Valley Road Bridges | | | | | | | | | | | |
| 4.6.5 - Final EIR and MMRP - Chuckwalla Valley Road Bridges | | | | | | | | | | | |
| 4.6.6 - Admin Record- Chuckwalla Valley Road Bridges | | | | | | | | | | | |
| 4.7 - NEPA Categorical Exclusion (CE) - RR Ave Bridges | | | | | | | | | | | |
| 4.8 - Paleontological Resources Assessment and Monitoring Plans | | | | | | | | | | | |
| 4.8.1 - Paleontological Technical Memorandum | 1 | 1 | 5 | 5 | 1 | 1 | | | | 14 | \$ 1,343 |
| 4.8.2 - Paleontological Resource Impact Mitigation Program (PRIMP) | 2 | 1 | 5 | 9 | 1 | 1 | | | | 19 | \$ 1,856 |
| 4.9 - Historic Properties Treatment - Chuckwalla Valley Road Bridges | | | | | | | | | | | |
| 4.9.1 - Historic American Engineering Record (HAER) - Chuckwalla Valley Road Bridges | | 20 | 40 | 10 | | | | 10 | 1 | 81 | \$ 8,304 |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Environmental | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---|--------------------|------------|---------------------------|--------------------|
| A. Ollendorf | Principal In Charge | 3 | @ | \$77.86 | \$233.58 |
| M. Colleen Hamilton | Principal Archaeologist/Architectural Historian | 36 | @ | \$54.10 | \$1,947.60 |
| S. Wood | Senior Architectural Historian | 118 | @ | \$35.22 | \$4,155.96 |
| J. George | Staff Archaeologist/Project Manager | 125 | @ | \$36.43 | \$4,535.54 |
| C. Shi | Field Supervisor | 16 | @ | \$33.01 | \$528.16 |
| C. Inoway | Associate Archaeologist/GIS Supervisor | 5 | @ | \$33.90 | \$169.50 |
| B. Bircheff | Administrative Assistant | 7 | @ | \$32.58 | \$228.06 |
| Susan Rapp | Editor3 | 18 | @ | \$46.33 | \$834.02 |
| Kamil Woods | Editor1 | 3 | @ | \$29.29 | \$87.86 |
| | | TOTAL HOURS | 331 | TOTAL DIRECT LABOR | \$12,720.28 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|--------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$318.01 |
| FRINGE BENEFIT @ | 45.40% | (of Direct Labor + Escalation) | \$5,919.38 |
| GENERAL AND ADMINISTRATIVE @ | 74.60% | (of Direct Labor + Escalation) | \$9,726.56 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,868.42 |
| TOTAL MULTIPLIERS | | | \$18,832.37 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|-------------------------------------|----------|------|---|--------------------|-------------------|
| Reproduction | 1 | LS | @ | \$225.00 | \$225.00 |
| Mileage | 1 | LS | @ | \$122.00 | \$122.00 |
| Rental Cars & Fuel | 1 | LS | @ | \$90.00 | \$90.00 |
| Travel - Lodging | 1 | LS | @ | \$80.000 | \$80.00 |
| Travel - Meals | 1 | LS | @ | \$52.00 | \$52.00 |
| Stephen Schafer - HAER photographer | 1 | LS | @ | \$3,200.00 | \$3,200.00 |
| | | | | TOTAL ODC'S | \$3,769.00 |

TOTAL **\$35,321.64**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---|------------|---|---------------------------|--------------------|
| A. Ollendorf | Principal In Charge | 3 | @ | \$77.86 | \$233.58 |
| M. Colleen Hamilton | Principal Archaeologist/Architectural Historian | 36 | @ | \$54.10 | \$1,947.60 |
| S. Wood | Senior Architectural Historian | 118 | @ | \$35.22 | \$4,155.96 |
| J. George | Staff Archaeologist/Project Manager | 125 | @ | \$36.43 | \$4,535.54 |
| C. Shi | Field Supervisor | 16 | @ | \$33.01 | \$528.16 |
| C. Inoway | Associate Archaeologist/GIS Supervisor | 5 | @ | \$33.90 | \$169.50 |
| B. Bircheff | Administrative Assistant | 7 | @ | \$32.58 | \$228.06 |
| Susan Rapp | Editor3 | 18 | @ | \$46.33 | \$834.02 |
| Kamil Woods | Editor1 | 3 | @ | \$29.29 | \$87.86 |
| TOTAL HOURS | | 331 | | TOTAL DIRECT LABOR | \$12,720.28 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|--------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$318.01 |
| FRINGE BENEFIT @ | 45.40% | (of Direct Labor + Escalation) | \$5,919.38 |
| GENERAL AND ADMINISTRATIVE @ | 74.60% | (of Direct Labor + Escalation) | \$9,726.56 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,868.42 |
| TOTAL MULTIPLIERS | | | \$18,832.37 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|-------------------------------------|----------|------|---|------------|-------------------|
| Reproduction | 1 | LS | @ | \$225.00 | \$225.00 |
| Mileage | 1 | LS | @ | \$122.00 | \$122.00 |
| Rental Cars & Fuel | 1 | LS | @ | \$90.00 | \$90.00 |
| Travel - Lodging | 1 | LS | @ | \$80.000 | \$80.00 |
| Travel - Meals | 1 | LS | @ | \$52.00 | \$52.00 |
| Stephen Schafer - HAER photographer | 1 | LS | @ | \$3,200.00 | \$3,200.00 |
| TOTAL ODC'S | | | | | \$3,769.00 |

TOTAL **\$35,321.64**

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: November 10, 2025 |

| TASK | PERSONNEL | | | | | | | | | | HOURS | COST |
|---|---------------------|---|--------------------------------|-------------------------------------|------------------|------------------------------------|--------------------------|---------|---------|---|-------|----------|
| | PRINCIPAL IN CHARGE | PRINCIPAL ARCHAEOLOGIST/ARCHITECTURAL HISTORIAN | SENIOR ARCHITECTURAL HISTORIAN | STAFF ARCHAEOLOGIST/PROJECT MANAGER | FIELD SUPERVISOR | ASSOCIATE ARCHAEOLOGIST/SUPERVISOR | ADMINISTRATIVE ASSISTANT | EDITOR3 | EDITOR1 | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | | | | | | | | | | | | |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | | | | | | | | | | | | |
| 4.3.8 Culture Resources Study | | | 6 | 6 | | 1 | 1 | | | | 14 | \$ 1,231 |
| 4.3.9A Finding of Effect (FoE) (Step-2) | | | 10 | 8 | | | 1 | | | | 19 | \$ 1,677 |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | | | 24 | 24 | | 2 | 3 | | | | 53 | \$ 4,676 |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | | | | | | | | | | | | |
| 4.5.2 Draft IS/EA for Public Review | | | | | | | | | | | | |
| 4.5.3 Public Review | | | | | | | | | | | | |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | | | | | | | | | | | | |
| 4.5.5 Final MND/FONSI | | | | | | | | | | | | |
| 4.6 - CEQA EIR - Chuckwalla Valley Road Bridges | | | | | | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for EIR - Chuckwalla Valley Road Bridges | | | | | | | | | | | | |
| 4.6.2 - Admin Draft EIR and MMRP - Chuckwalla Valley Road Bridges | | | 4 | 2 | 22 | 2 | | | | | 30 | \$ 2,859 |
| 4.6.3 - Draft EIR and MMRP - Chuckwalla Valley Road Bridges | | | | | | | | | | | | |
| 4.6.4 - Public Notices and Meeting- Chuckwalla Valley Road Bridges | | | | | | | | | | | | |
| 4.6.5 - Final EIR and MMRP - Chuckwalla Valley Road Bridges | | | | | | | | | | | | |
| 4.6.6 - Admin Record- Chuckwalla Valley Road Bridges | | | | | | | | | | | | |
| 4.7 - NEPA Categorical Exclusion (CE) - RR Ave Bridges | | | | | | | | | | | | |
| 4.8 - Paleontological Resources Assessment and Monitoring Plans | | | | | | | | | | | | |
| 4.8.1 - Paleontological Technical Memorandum | | 1 | 1 | | 5 | 5 | 1 | 1 | | | 14 | \$ 1,343 |
| 4.8.2 - Paleontological Resource Impact Mitigation Program (PRIMP) | | 2 | 1 | | 5 | 9 | 1 | 1 | | | 19 | \$ 1,856 |
| 4.9 - Historic Properties Treatment - Chuckwalla Valley Road Bridges | | | | | | | | | | | | |
| 4.9.1 - Historic American Engineering Record (HAER) - Chuckwalla Valley Road Bridges | | | 20 | 40 | 10 | | | | 10 | 1 | 81 | \$ 8,304 |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Environmental | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---|------------|--------------------|---------|--------------------|
| A. Ollendorf | Principal In Charge | 3 | @ | \$77.86 | \$233.58 |
| M. Colleen Hamilton | Principal Archaeologist/Architectural Historian | 36 | @ | \$54.10 | \$1,947.60 |
| S. Wood | Senior Architectural Historian | 118 | @ | \$35.22 | \$4,155.96 |
| J. George | Staff Archaeologist/Project Manager | 125 | @ | \$36.43 | \$4,535.54 |
| C. Shi | Field Supervisor | 16 | @ | \$33.01 | \$528.16 |
| C. Inoway | Associate Archaeologist/GIS Supervisor | 5 | @ | \$33.90 | \$169.50 |
| B. Bircheff | Administrative Assistant | 7 | @ | \$32.58 | \$228.06 |
| Susan Rapp | Editor3 | 18 | @ | \$46.33 | \$834.02 |
| Kamil Woods | Editor1 | 3 | @ | \$29.29 | \$87.86 |
| TOTAL HOURS | | 331 | TOTAL DIRECT LABOR | | \$12,720.28 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|--------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$318.01 |
| FRINGE BENEFIT @ | 45.40% | (of Direct Labor + Escalation) | \$5,919.38 |
| GENERAL AND ADMINISTRATIVE @ | 74.60% | (of Direct Labor + Escalation) | \$9,726.56 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,868.42 |
| TOTAL MULTIPLIERS | | | \$18,832.37 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|-------------------------------------|----------|------|---|------------|-------------------|
| Reproduction | 1 | LS | @ | \$225.00 | \$225.00 |
| Mileage | 1 | LS | @ | \$122.00 | \$122.00 |
| Rental Cars & Fuel | 1 | LS | @ | \$90.00 | \$90.00 |
| Travel - Lodging | 1 | LS | @ | \$80.00 | \$80.00 |
| Travel - Meals | 1 | LS | @ | \$52.00 | \$52.00 |
| Stephen Schafer - HAER photographer | 1 | LS | @ | \$3,200.00 | \$3,200.00 |
| TOTAL ODC'S | | | | | \$3,769.00 |

TOTAL **\$35,321.64**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Applied Earthworks | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---|--------------------|------------|---------------------------|--------------------|
| A. Ollendorf | Principal In Charge | 3 | @ | \$77.86 | \$233.58 |
| M. Colleen Hamilton | Principal Archaeologist/Architectural Historian | 36 | @ | \$54.10 | \$1,947.60 |
| S. Wood | Senior Architectural Historian | 118 | @ | \$35.22 | \$4,155.96 |
| J. George | Staff Archaeologist/Project Manager | 125 | @ | \$36.43 | \$4,535.54 |
| C. Shi | Field Supervisor | 16 | @ | \$33.01 | \$528.16 |
| C. Inoway | Associate Archaeologist/GIS Supervisor | 5 | @ | \$33.90 | \$169.50 |
| B. Bircheff | Administrative Assistant | 7 | @ | \$32.58 | \$228.06 |
| Susan Rapp | Editor3 | 18 | @ | \$46.33 | \$834.02 |
| Kamil Woods | Editor1 | 3 | @ | \$29.29 | \$87.86 |
| | | TOTAL HOURS | 331 | TOTAL DIRECT LABOR | \$12,720.28 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|--------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$318.01 |
| FRINGE BENEFIT @ | 45.40% | (of Direct Labor + Escalation) | \$5,919.38 |
| GENERAL AND ADMINISTRATIVE @ | 74.60% | (of Direct Labor + Escalation) | \$9,726.56 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,868.42 |
| TOTAL MULTIPLIERS | | | \$18,832.37 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|-------------------------------------|----------|------|---|------------|------------|
| Reproduction | 1 | LS | @ | \$225.00 | \$225.00 |
| Mileage | 1 | LS | @ | \$122.00 | \$122.00 |
| Rental Cars & Fuel | 1 | LS | @ | \$90.00 | \$90.00 |
| Travel - Lodging | 1 | LS | @ | \$80.00 | \$80.00 |
| Travel - Meals | 1 | LS | @ | \$52.00 | \$52.00 |
| Stephen Schafer - HAER photographer | 1 | LS | @ | \$3,200.00 | \$3,200.00 |

TOTAL ODC'S **\$3,769.00**

TOTAL **\$35,321.64**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|-------------------------|--------------------|---|---------------------------|--------------------|
| Morgan, Harcourt | Project Director | 40 | @ | \$95.20 | \$3,808.00 |
| Hoisington, Gregory | Managing Consultant | 62 | @ | \$77.57 | \$4,809.34 |
| Dayman, Shelly | Senior Consultant I | 144 | @ | \$56.18 | \$8,089.92 |
| Martin, Colleen | Associate Consultant II | 360 | @ | \$45.94 | \$16,538.40 |
| Garcia, Johnnie | Consultant I | 40 | @ | \$56.18 | \$2,247.20 |
| Irvin, Elizabeth | Senior Consultant I | 130 | @ | \$56.26 | \$7,313.80 |
| Jameson, Megan | Senior Tech Analyst | 196 | @ | \$82.00 | \$16,072.00 |
| Schwartz, Paul | Senior Consultant III | 68 | @ | \$62.79 | \$4,269.72 |
| Baker, Vincent | Env Technician II | 12 | @ | \$36.62 | \$439.44 |
| | | TOTAL HOURS | | 1,052 | |
| | | | | TOTAL DIRECT LABOR | \$63,587.82 |

MULTIPLIERS

| | | | |
|--|---------|---|---------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$107,781.35 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$17,136.92 |
| TOTAL MULTIPLIERS | | | \$124,918.27 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--|----------|-----------|---|-----------|-------------------|
| ODC (See ODC Cost Estimate Work Sheet) | 12 | LS/Bridge | @ | \$150.00 | \$1,800.00 |
| TOTAL ODC'S | | | | | \$1,800.00 |

TOTAL **\$190,306.09**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|-------------------------|------------|--------------------|--------------------|
| Morgan, Harcourt | Project Director | 28 | @ \$95.20 | \$2,665.60 |
| Hoisington, Gregory | Managing Consultant | 62 | @ \$77.57 | \$4,809.34 |
| Dayman, Shelly | Senior Consultant I | 144 | @ \$56.18 | \$8,089.92 |
| Martin, Colleen | Associate Consultant II | 120 | @ \$45.94 | \$5,512.80 |
| Garcia, Johnnie | Consultant I | 40 | @ \$56.18 | \$2,247.20 |
| Irvin, Elizabeth | Senior Consultant I | 50 | @ \$56.26 | \$2,813.00 |
| Jameson, Megan | Senior Tech Analyst | 28 | @ \$82.00 | \$2,296.00 |
| Schwartz, Paul | Senior Consultant III | 20 | @ \$62.79 | \$1,255.80 |
| Baker, Vincent | Env Technician II | 12 | @ \$36.62 | \$439.44 |
| TOTAL HOURS | | 504 | TOTAL DIRECT LABOR | \$30,129.10 |

MULTIPLIERS

| | | |
|--|---|--------------------|
| ESCALATION @ | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% (of Direct Labor + Escalation) | \$51,068.82 |
| PROFIT (FIXED FEE) @ | 10.0% (of Direct Labor + Escalation + Overhead) | \$8,119.79 |
| TOTAL MULTIPLIERS | | \$59,188.62 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|-----------|------------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 6 | LS/Bridge | @ \$150.00 | \$900.00 |
| TOTAL ODC'S | | | | \$900.00 |

TOTAL **\$90,217.72**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|-------------------------|------------|--------------------|--------------------|
| Morgan, Harcourt | Project Director | 12 | @ \$95.20 | \$1,142.40 |
| Hoisington, Gregory | Managing Consultant | | \$77.57 | |
| Dayman, Shelly | Senior Consultant I | | \$56.18 | |
| Martin, Colleen | Associate Consultant II | 240 | @ \$45.94 | \$11,025.60 |
| Garcia, Johnnie | Consultant I | | \$56.18 | |
| Irvin, Elizabeth | Senior Consultant I | 80 | @ \$56.26 | \$4,500.80 |
| Jameson, Megan | Senior Tech Analyst | 168 | @ \$82.00 | \$13,776.00 |
| Schwartz, Paul | Senior Consultant III | 48 | @ \$62.79 | \$3,013.92 |
| Baker, Vincent | Env Technician II | | \$36.62 | |
| TOTAL HOURS | | 548 | TOTAL DIRECT LABOR | \$33,458.72 |

MULTIPLIERS

| | | | |
|--|---------|---|--------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$56,712.53 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$9,017.13 |
| TOTAL MULTIPLIERS | | | \$65,729.66 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|-----------|------------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 6 | LS/Bridge | @ \$150.00 | \$900.00 |
| TOTAL ODC'S | | | | \$900.00 |

TOTAL **\$100,088.38**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|-------------------------|------------|---|--------------------|--------------------|
| Morgan, Harcourt | Project Director | 8 | @ | \$95.20 | \$761.60 |
| Hoisington, Gregory | Managing Consultant | 21 | @ | \$77.57 | \$1,628.97 |
| Dayman, Shelly | Senior Consultant I | 44 | @ | \$56.18 | \$2,471.92 |
| Martin, Colleen | Associate Consultant II | 70 | @ | \$45.94 | \$3,215.80 |
| Garcia, Johnnie | Consultant I | 16 | @ | \$56.18 | \$898.88 |
| Irvin, Elizabeth | Senior Consultant I | 27 | @ | \$56.26 | \$1,519.02 |
| Jameson, Megan | Senior Tech Analyst | 38 | @ | \$82.00 | \$3,116.00 |
| Schwartz, Paul | Senior Consultant III | 12 | @ | \$62.79 | \$753.48 |
| Baker, Vincent | Env Technician II | 2 | @ | \$36.62 | \$73.24 |
| TOTAL HOURS | | 238 | | TOTAL DIRECT LABOR | \$14,438.91 |

MULTIPLIERS

| | | | |
|--|---------|---|--------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$24,473.95 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$3,891.29 |
| TOTAL MULTIPLIERS | | | \$28,365.24 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--|----------|-----------|---|-----------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 2 | LS/Bridge | @ | \$150.00 | \$300.00 |
| TOTAL ODC'S | | | | | \$300.00 |

TOTAL **\$43,104.15**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|-------------------------|------------|---|--------------------|-------------------|
| Morgan, Harcourt | Project Director | 6 | @ | \$95.20 | \$571.20 |
| Hoisington, Gregory | Managing Consultant | 21 | @ | \$77.57 | \$1,628.97 |
| Dayman, Shelly | Senior Consultant I | 44 | @ | \$56.18 | \$2,471.92 |
| Martin, Colleen | Associate Consultant II | 22 | @ | \$45.94 | \$1,010.68 |
| Garcia, Johnnie | Consultant I | 16 | @ | \$56.18 | \$898.88 |
| Irvin, Elizabeth | Senior Consultant I | 11 | @ | \$56.26 | \$618.86 |
| Jameson, Megan | Senior Tech Analyst | 6 | @ | \$82.00 | \$492.00 |
| Schwartz, Paul | Senior Consultant III | 4 | @ | \$62.79 | \$251.16 |
| Baker, Vincent | Env Technician II | 2 | @ | \$36.62 | \$73.24 |
| TOTAL HOURS | | 132 | | TOTAL DIRECT LABOR | \$8,016.91 |

MULTIPLIERS

| | | | |
|--|---------|---|--------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$13,588.66 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,160.56 |
| TOTAL MULTIPLIERS | | | \$15,749.22 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--|----------|-----------|---|-----------|----------|
| ODC (See ODC Cost Estimate Work Sheet) | 1 | LS/Bridge | @ | \$150.00 | \$150.00 |

TOTAL ODC'S **\$150.00**

TOTAL **\$23,916.13**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|-------------------------|------------|-------------------|-------------------|
| Morgan, Harcourt | Project Director | 2 | @ \$95.20 | \$190.40 |
| Hoisington, Gregory | Managing Consultant | | \$77.57 | |
| Dayman, Shelly | Senior Consultant I | | \$56.18 | |
| Martin, Colleen | Associate Consultant II | 48 | @ \$45.94 | \$2,205.12 |
| Garcia, Johnnie | Consultant I | | \$56.18 | |
| Irvin, Elizabeth | Senior Consultant I | 16 | @ \$56.26 | \$900.16 |
| Jameson, Megan | Senior Tech Analyst | 32 | @ \$82.00 | \$2,624.00 |
| Schwartz, Paul | Senior Consultant III | 8 | @ \$62.79 | \$502.32 |
| Baker, Vincent | Env Technician II | | \$36.62 | |
| TOTAL HOURS | | 106 | OTAL DIRECT LABOR | \$6,422.00 |

MULTIPLIERS

| | | | |
|--|---------|---|--------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$10,885.29 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$1,730.73 |
| TOTAL MULTIPLIERS | | | \$12,616.02 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|-----------|------------|--------------------|
| ODC (See ODC Cost Estimate Work Sheet) | 1 | LS/Bridge | @ \$150.00 | \$150.00 |
| TOTAL ODC'S | | | | \$150.00 |
| TOTAL | | | | \$19,188.02 |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|-------------------------|------------|--------------------|--------------------|
| Morgan, Harcourt | Project Director | 8 | @ \$95.20 | \$761.60 |
| Hoisington, Gregory | Managing Consultant | 21 | @ \$77.57 | \$1,628.97 |
| Dayman, Shelly | Senior Consultant I | 44 | @ \$56.18 | \$2,471.92 |
| Martin, Colleen | Associate Consultant II | 70 | @ \$45.94 | \$3,215.80 |
| Garcia, Johnnie | Consultant I | 16 | @ \$56.18 | \$898.88 |
| Irvin, Elizabeth | Senior Consultant I | 27 | @ \$56.26 | \$1,519.02 |
| Jameson, Megan | Senior Tech Analyst | 38 | @ \$82.00 | \$3,116.00 |
| Schwartz, Paul | Senior Consultant III | 12 | @ \$62.79 | \$753.48 |
| Baker, Vincent | Env Technician II | 2 | @ \$36.62 | \$73.24 |
| TOTAL HOURS | | 238 | TOTAL DIRECT LABOR | \$14,438.91 |

MULTIPLIERS

| | | |
|--|---|--------------------|
| ESCALATION @ | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% (of Direct Labor + Escalation) | \$24,473.95 |
| PROFIT (FIXED FEE) @ | 10.0% (of Direct Labor + Escalation + Overhead) | \$3,891.29 |
| TOTAL MULTIPLIERS | | \$28,365.24 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|-----------|------------|----------|
| ODC (See ODC Cost Estimate Work Sheet) | 2 | LS/Bridge | @ \$150.00 | \$300.00 |

TOTAL ODC'S **\$300.00**

TOTAL **\$43,104.15**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Preliminary Engineering & Environmental | PHASE: Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|-------------------------|------------|---|--------------------|-------------------|
| Morgan, Harcourt | Project Director | 6 | @ | \$95.20 | \$571.20 |
| Hoisington, Gregory | Managing Consultant | 21 | @ | \$77.57 | \$1,628.97 |
| Dayman, Shelly | Senior Consultant I | 44 | @ | \$56.18 | \$2,471.92 |
| Martin, Colleen | Associate Consultant II | 22 | @ | \$45.94 | \$1,010.68 |
| Garcia, Johnnie | Consultant I | 16 | @ | \$56.18 | \$898.88 |
| Irvin, Elizabeth | Senior Consultant I | 11 | @ | \$56.26 | \$618.86 |
| Jameson, Megan | Senior Tech Analyst | 6 | @ | \$82.00 | \$492.00 |
| Schwartz, Paul | Senior Consultant III | 4 | @ | \$62.79 | \$251.16 |
| Baker, Vincent | Env Technician II | 2 | @ | \$36.62 | \$73.24 |
| TOTAL HOURS | | 132 | | TOTAL DIRECT LABOR | \$8,016.91 |

MULTIPLIERS

| | | | |
|---|---------|---|--------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$13,588.66 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,160.56 |
| TOTAL MULTIPLIERS | | | \$15,749.22 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--|----------|-----------|---|-----------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 1 | LS/Bridge | @ | \$150.00 | \$150.00 |
| TOTAL ODC'S | | | | | \$150.00 |

TOTAL **\$23,916.13**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|-------------------------|------------|---|--------------------|-------------------|
| Morgan, Harcourt | Project Director | 2 | @ | \$95.20 | \$190.40 |
| Hoisington, Gregory | Managing Consultant | | | \$77.57 | |
| Dayman, Shelly | Senior Consultant I | | | \$56.18 | |
| Martin, Colleen | Associate Consultant II | 48 | @ | \$45.94 | \$2,205.12 |
| Garcia, Johnnie | Consultant I | | | \$56.18 | |
| Irvin, Elizabeth | Senior Consultant I | 16 | @ | \$56.26 | \$900.16 |
| Jameson, Megan | Senior Tech Analyst | 32 | @ | \$82.00 | \$2,624.00 |
| Schwartz, Paul | Senior Consultant III | 8 | @ | \$62.79 | \$502.32 |
| Baker, Vincent | Env Technician II | | | \$36.62 | |
| TOTAL HOURS | | 106 | | TOTAL DIRECT LABOR | \$6,422.00 |

MULTIPLIERS

| | | | |
|--|---------|---|--------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$10,885.29 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$1,730.73 |
| TOTAL MULTIPLIERS | | | \$12,616.02 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--|----------|-----------|---|-----------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 1 | LS/Bridge | @ | \$150.00 | \$150.00 |
| TOTAL ODC'S | | | | | \$150.00 |

TOTAL **\$19,188.02**

SUBCONSULTANT MANHOUR WORKSHEET SUMMARY

| | | |
|--|---|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Environmental Document | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: November 10, 2025 |

| TASK | PROJECT DIRECTOR | MANAGING CONSULTANT | SENIOR CONSULTANT I | ASSOCIATE CONSULTANT II | CONSULTANT I | SENIOR CONSULTANT I | SENIOR TECH ANALYST | SENIOR CONSULTANT III | ENV TECHNICIAN II | HOURS |
|------|------------------|---------------------|---------------------|-------------------------|--------------|---------------------|---------------------|-----------------------|-------------------|-------|
|------|------------------|---------------------|---------------------|-------------------------|--------------|---------------------|---------------------|-----------------------|-------------------|-------|

\$282.22 \$229.96 \$166.55 \$136.19 \$166.55 \$166.78 \$243.09 \$186.14 \$108.56

PHASE TOTALS

| | | | | | | | | | |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|------------|
| 8 | 21 | 44 | 70 | 16 | 27 | 38 | 12 | 2 | 238 |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|------------|

| |
|------------------|
| PHASE I |
| PHASE II |
| PHASE III |
| PHASE IV |

| | | | | | | | | | |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|------------|
| 6 | 21 | 44 | 22 | 16 | 11 | 6 | 4 | 2 | 132 |
| 2 | | | 48 | | 16 | 32 | 8 | | 106 |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|-------------------------|------------|---|--------------------|-------------------|
| Morgan, Harcourt | Project Director | 6 | @ | \$95.20 | \$571.20 |
| Hoisington, Gregory | Managing Consultant | 5 | @ | \$77.57 | \$387.85 |
| Dayman, Shelly | Senior Consultant I | 14 | @ | \$56.18 | \$786.52 |
| Martin, Colleen | Associate Consultant II | 55 | @ | \$45.94 | \$2,526.70 |
| Garcia, Johnnie | Consultant I | 2 | @ | \$56.18 | \$112.36 |
| Irvin, Elizabeth | Senior Consultant I | 19 | @ | \$56.26 | \$1,068.94 |
| Jameson, Megan | Senior Tech Analyst | 30 | @ | \$82.00 | \$2,460.00 |
| Schwartz, Paul | Senior Consultant III | 11 | @ | \$62.79 | \$690.69 |
| Baker, Vincent | Env Technician II | 2 | @ | \$36.62 | \$73.24 |
| TOTAL HOURS | | 144 | | TOTAL DIRECT LABOR | \$8,677.50 |

MULTIPLIERS

| | | | |
|--|---------|---|--------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$14,708.36 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,338.59 |
| TOTAL MULTIPLIERS | | | \$17,046.95 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--|----------|-----------|---|-----------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 2 | LS/Bridge | @ | \$150.00 | \$300.00 |
| TOTAL ODC'S | | | | | \$300.00 |

TOTAL **\$26,024.45**

| SUBCONSULTANT FEE PROPOSAL WORKSHEET | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|-------------------------|-----------|--------------------|-------------------|
| Morgan, Harcourt | Project Director | 4 | @ \$95.20 | \$380.80 |
| Hoisington, Gregory | Managing Consultant | 5 | @ \$77.57 | \$387.85 |
| Dayman, Shelly | Senior Consultant I | 14 | @ \$56.18 | \$786.52 |
| Martin, Colleen | Associate Consultant II | 19 | @ \$45.94 | \$872.86 |
| Garcia, Johnnie | Consultant I | 2 | @ \$56.18 | \$112.36 |
| Irvin, Elizabeth | Senior Consultant I | 7 | @ \$56.26 | \$393.82 |
| Jameson, Megan | Senior Tech Analyst | 4 | @ \$82.00 | \$328.00 |
| Schwartz, Paul | Senior Consultant III | 3 | @ \$62.79 | \$188.37 |
| Baker, Vincent | Env Technician II | 2 | @ \$36.62 | \$73.24 |
| TOTAL HOURS | | 60 | TOTAL DIRECT LABOR | \$3,523.82 |

MULTIPLIERS

| | | | |
|--|-----------------------|---|-------------------|
| ESCALATION @ | (Rates Vary by Phase) | | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$5,972.87 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$949.67 |
| TOTAL MULTIPLIERS | | | \$6,922.54 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|-----------|------------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 1 | LS/Bridge | @ \$150.00 | \$150.00 |
| TOTAL ODC'S | | | | \$150.00 |

TOTAL **\$10,596.36**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|-------------------------|-----------|--------------------|-------------------|
| Morgan, Harcourt | Project Director | 2 | @ \$95.20 | \$190.40 |
| Hoisington, Gregory | Managing Consultant | | \$77.57 | |
| Dayman, Shelly | Senior Consultant I | | \$56.18 | |
| Martin, Colleen | Associate Consultant II | 36 | @ \$45.94 | \$1,653.84 |
| Garcia, Johnnie | Consultant I | | \$56.18 | |
| Irvin, Elizabeth | Senior Consultant I | 12 | @ \$56.26 | \$675.12 |
| Jameson, Megan | Senior Tech Analyst | 26 | @ \$82.00 | \$2,132.00 |
| Schwartz, Paul | Senior Consultant III | 8 | @ \$62.79 | \$502.32 |
| Baker, Vincent | Env Technician II | | \$36.62 | |
| TOTAL HOURS | | 84 | TOTAL DIRECT LABOR | \$5,153.68 |

MULTIPLIERS

| | | | |
|--|---------|---|--------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$8,735.49 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$1,388.92 |
| TOTAL MULTIPLIERS | | | \$10,124.40 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|-----------|------------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 1 | LS/Bridge | @ \$150.00 | \$150.00 |
| TOTAL ODC'S | | | | \$150.00 |

TOTAL **\$15,428.08**

SUBCONSULTANT MANHOUR WORKSHEET SUMMARY

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: November 10, 2025 |

| TASK | PROJECT DIRECTOR | MANAGING CONSULTANT | SENIOR CONSULTANT I | ASSOCIATE CONSULTANT I | CONSULTANT I | SENIOR CONSULTANT I | SENIOR TECH ANALYST | SENIOR CONSULTANT III | ENV TECHNICIAN II | HOURS |
|------|------------------|---------------------|---------------------|------------------------|--------------|---------------------|---------------------|-----------------------|-------------------|-------|
|------|------------------|---------------------|---------------------|------------------------|--------------|---------------------|---------------------|-----------------------|-------------------|-------|

\$282.22 \$229.96 \$166.55 \$136.19 \$166.55 \$166.78 \$243.09 \$186.14 \$108.56

PHASE TOTALS

| | | | | | | | | | |
|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|------------|
| 6 | 5 | 14 | 55 | 2 | 19 | 30 | 11 | 2 | 144 |
|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|------------|

| |
|-----------|
| PHASE I |
| PHASE II |
| PHASE III |
| PHASE IV |

| | | | | | | | | | |
|---|---|----|----|---|----|----|---|---|----|
| 4 | 5 | 14 | 19 | 2 | 7 | 4 | 3 | 2 | 60 |
| 2 | | | 36 | | 12 | 26 | 8 | | 84 |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|-------------------------|------------|--------------------|-------------------|
| Morgan, Harcourt | Project Director | 6 | @ \$95.20 | \$571.20 |
| Hoisington, Gregory | Managing Consultant | 5 | @ \$77.57 | \$387.85 |
| Dayman, Shelly | Senior Consultant I | 14 | @ \$56.18 | \$786.52 |
| Martin, Colleen | Associate Consultant II | 55 | @ \$45.94 | \$2,526.70 |
| Garcia, Johnnie | Consultant I | 2 | @ \$56.18 | \$112.36 |
| Irvin, Elizabeth | Senior Consultant I | 19 | @ \$56.26 | \$1,068.94 |
| Jameson, Megan | Senior Tech Analyst | 30 | @ \$82.00 | \$2,460.00 |
| Schwartz, Paul | Senior Consultant III | 11 | @ \$62.79 | \$690.69 |
| Baker, Vincent | Env Technician II | 2 | @ \$36.62 | \$73.24 |
| TOTAL HOURS | | 144 | TOTAL DIRECT LABOR | \$8,677.50 |

MULTIPLIERS

| | | | |
|--|-----------------------|---|--------------------|
| ESCALATION @ | (Rates Vary by Phase) | | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$14,708.36 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,338.59 |
| TOTAL MULTIPLIERS | | | \$17,046.95 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|-----------|------------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 2 | LS/Bridge | @ \$150.00 | \$300.00 |
| TOTAL ODC'S | | | | \$300.00 |

TOTAL **\$26,024.45**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Preliminary Engineering & Environmental | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|-------------------------|--------------------|-----------|---------------------------|-------------------|
| Morgan, Harcourt | Project Director | 4 | @ | \$95.20 | \$380.80 |
| Hoisington, Gregory | Managing Consultant | 5 | @ | \$77.57 | \$387.85 |
| Dayman, Shelly | Senior Consultant I | 14 | @ | \$56.18 | \$786.52 |
| Martin, Colleen | Associate Consultant II | 19 | @ | \$45.94 | \$872.86 |
| Garcia, Johnnie | Consultant I | 2 | @ | \$56.18 | \$112.36 |
| Irvin, Elizabeth | Senior Consultant I | 7 | @ | \$56.26 | \$393.82 |
| Jameson, Megan | Senior Tech Analyst | 4 | | \$82.00 | \$328.00 |
| Schwartz, Paul | Senior Consultant III | 3 | @ | \$62.79 | \$188.37 |
| Baker, Vincent | Env Technician II | 2 | @ | \$36.62 | \$73.24 |
| | | TOTAL HOURS | 60 | TOTAL DIRECT LABOR | \$3,523.82 |

MULTIPLIERS

| | | | |
|--|---------|---|-------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$5,972.87 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$949.67 |
| TOTAL MULTIPLIERS | | | \$6,922.54 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--|----------|-----------|---|-----------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 1 | LS/Bridge | @ | \$150.00 | \$150.00 |
| TOTAL ODC'S | | | | | \$150.00 |

TOTAL **\$10,596.36**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|-------------------------|-----------|--------------------|-------------------|
| Morgan, Harcourt | Project Director | 2 | @ \$95.20 | \$190.40 |
| Hoisington, Gregory | Managing Consultant | | \$77.57 | |
| Dayman, Shelly | Senior Consultant I | | \$56.18 | |
| Martin, Colleen | Associate Consultant II | 36 | @ \$45.94 | \$1,653.84 |
| Garcia, Johnnie | Consultant I | | \$56.18 | |
| Irvin, Elizabeth | Senior Consultant I | 12 | @ \$56.26 | \$675.12 |
| Jameson, Megan | Senior Tech Analyst | 26 | @ \$82.00 | \$2,132.00 |
| Schwartz, Paul | Senior Consultant III | 8 | @ \$62.79 | \$502.32 |
| Baker, Vincent | Env Technician II | | \$36.62 | |
| TOTAL HOURS | | 84 | TOTAL DIRECT LABOR | \$5,153.68 |

MULTIPLIERS

| | | | |
|--|---------|---|--------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$8,735.49 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$1,388.92 |
| TOTAL MULTIPLIERS | | | \$10,124.40 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|-----------|------------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 1 | LS/Bridge | @ \$150.00 | \$150.00 |
| TOTAL ODC'S | | | | \$150.00 |

TOTAL **\$15,428.08**

SUBCONSULTANT MANHOUR WORKSHEET SUMMARY

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: November 10, 2025 |

| TASK | PROJECT DIRECTOR | MANAGING CONSULTANT | SENIOR CONSULTANT I | ASSOCIATE CONSULTANT II | CONSULTANT I | SENIOR CONSULTANT I | SENIOR TECH ANALYST | SENIOR CONSULTANT III | ENV TECHNICIAN II | HOURS |
|------|------------------|---------------------|---------------------|-------------------------|--------------|---------------------|---------------------|-----------------------|-------------------|-------|
|------|------------------|---------------------|---------------------|-------------------------|--------------|---------------------|---------------------|-----------------------|-------------------|-------|

\$282.22 \$229.96 \$166.55 \$136.19 \$166.55 \$166.78 \$243.09 \$186.14 \$108.56

PHASE TOTALS

| | | | | | | | | | |
|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|------------|
| 6 | 5 | 14 | 55 | 2 | 19 | 30 | 11 | 2 | 144 |
|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|------------|

| |
|------------------|
| PHASE I |
| PHASE II |
| PHASE III |
| PHASE IV |

| | | | | | | | | | |
|----------|----------|-----------|-----------|----------|-----------|-----------|----------|----------|-----------|
| 4 | 5 | 14 | 19 | 2 | 7 | 4 | 3 | 2 | 60 |
| 2 | | | 36 | | 12 | 26 | 8 | | 84 |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|-------------------------|------------|--------------------|-------------------|
| Morgan, Harcourt | Project Director | 6 | @ \$95.20 | \$571.20 |
| Hoisington, Gregory | Managing Consultant | 5 | @ \$77.57 | \$387.85 |
| Dayman, Shelly | Senior Consultant I | 14 | @ \$56.18 | \$786.52 |
| Martin, Colleen | Associate Consultant II | 55 | @ \$45.94 | \$2,526.70 |
| Garcia, Johnnie | Consultant I | 2 | @ \$56.18 | \$112.36 |
| Irvin, Elizabeth | Senior Consultant I | 19 | @ \$56.26 | \$1,068.94 |
| Jameson, Megan | Senior Tech Analyst | 30 | @ \$82.00 | \$2,460.00 |
| Schwartz, Paul | Senior Consultant III | 11 | @ \$62.79 | \$690.69 |
| Baker, Vincent | Env Technician II | 2 | @ \$36.62 | \$73.24 |
| TOTAL HOURS | | 144 | TOTAL DIRECT LABOR | \$8,677.50 |

MULTIPLIERS

| | | | |
|--|---------|---|--------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$14,708.36 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,338.59 |
| TOTAL MULTIPLIERS | | | \$17,046.95 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|-----------|------------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 2 | LS/Bridge | @ \$150.00 | \$300.00 |
| TOTAL ODC'S | | | | \$300.00 |

TOTAL **\$26,024.45**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Preliminary Engineering & Environmental | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|-------------------------|-----------|--------------------|-------------------|
| Morgan, Harcourt | Project Director | 4 | @ \$95.20 | \$380.80 |
| Hoisington, Gregory | Managing Consultant | 5 | @ \$77.57 | \$387.85 |
| Dayman, Shelly | Senior Consultant I | 14 | @ \$56.18 | \$786.52 |
| Martin, Colleen | Associate Consultant II | 19 | @ \$45.94 | \$872.86 |
| Garcia, Johnnie | Consultant I | 2 | @ \$56.18 | \$112.36 |
| Irvin, Elizabeth | Senior Consultant I | 7 | @ \$56.26 | \$393.82 |
| Jameson, Megan | Senior Tech Analyst | 4 | @ \$82.00 | \$328.00 |
| Schwartz, Paul | Senior Consultant III | 3 | @ \$62.79 | \$188.37 |
| Baker, Vincent | Env Technician II | 2 | @ \$36.62 | \$73.24 |
| TOTAL HOURS | | 60 | TOTAL DIRECT LABOR | \$3,523.82 |

MULTIPLIERS

| | | | |
|--|---------|---|-------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$5,972.87 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$949.67 |
| TOTAL MULTIPLIERS | | | \$6,922.54 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|-----------|------------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 1 | LS/Bridge | @ \$150.00 | \$150.00 |
| TOTAL ODC'S | | | | \$150.00 |

TOTAL **\$10,596.36**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|-------------------------|-----------|--------------------|-------------------|
| Morgan, Harcourt | Project Director | 2 | @ \$95.20 | \$190.40 |
| Hoisington, Gregory | Managing Consultant | | \$77.57 | |
| Dayman, Shelly | Senior Consultant I | | \$56.18 | |
| Martin, Colleen | Associate Consultant II | 36 | @ \$45.94 | \$1,653.84 |
| Garcia, Johnnie | Consultant I | | \$56.18 | |
| Irvin, Elizabeth | Senior Consultant I | 12 | @ \$56.26 | \$675.12 |
| Jameson, Megan | Senior Tech Analyst | 26 | @ \$82.00 | \$2,132.00 |
| Schwartz, Paul | Senior Consultant III | 8 | @ \$62.79 | \$502.32 |
| Baker, Vincent | Env Technician II | | \$36.62 | |
| TOTAL HOURS | | 84 | TOTAL DIRECT LABOR | \$5,153.68 |

MULTIPLIERS

| | | | |
|--|-----------------------|---|--------------------|
| ESCALATION @ | (Rates Vary by Phase) | | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$8,735.49 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$1,388.92 |
| TOTAL MULTIPLIERS | | | \$10,124.40 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|-----------|------------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 1 | LS/Bridge | @ \$150.00 | \$150.00 |
| TOTAL ODC'S | | | | \$150.00 |

TOTAL **\$15,428.08**

SUBCONSULTANT MANHOUR WORKSHEET SUMMARY

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: November 10, 2025 |

| TASK | PROJECT DIRECTOR | MANAGING CONSULTANT | SENIOR CONSULTANT | ASSOCIATE CONSULTANT I | ASSOCIATE CONSULTANT II | CONSULTANT I | SENIOR CONSULTANT I | SENIOR TECH ANALYST | SENIOR CONSULTANT III | ENV TECHNICIAN II | HOURS |
|------|------------------|---------------------|-------------------|------------------------|-------------------------|--------------|---------------------|---------------------|-----------------------|-------------------|-------|
|------|------------------|---------------------|-------------------|------------------------|-------------------------|--------------|---------------------|---------------------|-----------------------|-------------------|-------|

\$282.22 \$229.96 \$166.55 \$136.19 \$166.55 \$166.78 \$243.09 \$186.14 \$108.56

PHASE TOTALS

| | | | | | | | | | |
|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|------------|
| 6 | 5 | 14 | 55 | 2 | 19 | 30 | 11 | 2 | 144 |
|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|------------|

| |
|------------------|
| PHASE I |
| PHASE II |
| PHASE III |
| PHASE IV |

| | | | | | | | | | |
|----------|----------|-----------|-----------|----------|-----------|-----------|----------|----------|-----------|
| 4 | 5 | 14 | 19 | 2 | 7 | 4 | 3 | 2 | 60 |
| 2 | | | 36 | | 12 | 26 | 8 | | 84 |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Environmental Documentation | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|-------------------------|------------|---|--------------------|-------------------|
| Morgan, Harcourt | Project Director | 6 | @ | \$95.20 | \$571.20 |
| Hoisington, Gregory | Managing Consultant | 5 | @ | \$77.57 | \$387.85 |
| Dayman, Shelly | Senior Consultant I | 14 | @ | \$56.18 | \$786.52 |
| Martin, Colleen | Associate Consultant II | 55 | @ | \$45.94 | \$2,526.70 |
| Garcia, Johnnie | Consultant I | 2 | @ | \$56.18 | \$112.36 |
| Irvin, Elizabeth | Senior Consultant I | 19 | @ | \$56.26 | \$1,068.94 |
| Jameson, Megan | Senior Tech Analyst | 30 | @ | \$82.00 | \$2,460.00 |
| Schwartz, Paul | Senior Consultant III | 11 | @ | \$62.79 | \$690.69 |
| Baker, Vincent | Env Technician II | 2 | @ | \$36.62 | \$73.24 |
| TOTAL HOURS | | 144 | | TOTAL DIRECT LABOR | \$8,677.50 |

MULTIPLIERS

| | | | |
|--|---------|---|--------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$14,708.36 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,338.59 |
| TOTAL MULTIPLIERS | | | \$17,046.95 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|--|----------|-----------|---|-----------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 2 | LS/Bridge | @ | \$150.00 | \$300.00 |
| TOTAL ODC'S | | | | | \$300.00 |

TOTAL **\$26,024.45**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Preliminary Engineering & Environmental | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|-------------------------|-----------|--------------------|-------------------|
| Morgan, Harcourt | Project Director | 4 | @ \$95.20 | \$380.80 |
| Hoisington, Gregory | Managing Consultant | 5 | @ \$77.57 | \$387.85 |
| Dayman, Shelly | Senior Consultant I | 14 | @ \$56.18 | \$786.52 |
| Martin, Colleen | Associate Consultant II | 19 | @ \$45.94 | \$872.86 |
| Garcia, Johnnie | Consultant I | 2 | @ \$56.18 | \$112.36 |
| Irvin, Elizabeth | Senior Consultant I | 7 | @ \$56.26 | \$393.82 |
| Jameson, Megan | Senior Tech Analyst | 4 | @ \$82.00 | \$328.00 |
| Schwartz, Paul | Senior Consultant III | 3 | @ \$62.79 | \$188.37 |
| Baker, Vincent | Env Technician II | 2 | @ \$36.62 | \$73.24 |
| TOTAL HOURS | | 60 | TOTAL DIRECT LABOR | \$3,523.82 |

MULTIPLIERS

| | | | |
|--|---------|---|-------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$5,972.87 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$949.67 |
| TOTAL MULTIPLIERS | | | \$6,922.54 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|-----------|------------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 1 | LS/Bridge | @ \$150.00 | \$150.00 |
| TOTAL ODC'S | | | | \$150.00 |

TOTAL **\$10,596.36**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: ICF Jones & Stokes | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|-------------------------|-----------|--------------------|-------------------|
| Morgan, Harcourt | Project Director | 2 | @ \$95.20 | \$190.40 |
| Hoisington, Gregory | Managing Consultant | | \$77.57 | |
| Dayman, Shelly | Senior Consultant I | | \$56.18 | |
| Martin, Colleen | Associate Consultant II | 36 | @ \$45.94 | \$1,653.84 |
| Garcia, Johnnie | Consultant I | | \$56.18 | |
| Irvin, Elizabeth | Senior Consultant I | 12 | @ \$56.26 | \$675.12 |
| Jameson, Megan | Senior Tech Analyst | 26 | @ \$82.00 | \$2,132.00 |
| Schwartz, Paul | Senior Consultant III | 8 | @ \$62.79 | \$502.32 |
| Baker, Vincent | Env Technician II | | \$36.62 | |
| TOTAL HOURS | | 84 | TOTAL DIRECT LABOR | \$5,153.68 |

MULTIPLIERS

| | | | |
|--|---------|---|--------------------|
| ESCALATION @ | | (Rates Vary by Phase) | |
| FTE OVERHEAD @ (W/ A FRINGE BENEFIT OF 35.72%) | 169.50% | (of Direct Labor + Escalation) | \$8,735.49 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$1,388.92 |
| TOTAL MULTIPLIERS | | | \$10,124.40 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|--|----------|-----------|------------|-----------------|
| ODC (See ODC Cost Estimate Work Sheet) | 1 | LS/Bridge | @ \$150.00 | \$150.00 |
| TOTAL ODC'S | | | | \$150.00 |

TOTAL **\$15,428.08**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|---|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Channel Hydraulics | PHASE: All Phases |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225), Br. No. 56C0099, and Br. No. 56C0101] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|---------------------|-------|-----------|------------|
| Ceazar Aguilar | Project Manager | 124 | @ \$71.94 | \$8,920.56 |
| Ruel Ituralde | Project Engineer | | \$48.00 | |
| Christopher Aguilar | Design Engineer | 217 | @ \$32.50 | \$7,052.50 |
| Genevieve Smith | Cadd Designer | | \$24.00 | |
| Sally Beavan | Project Coordinator | | \$16.00 | |

TOTAL HOURS **341** TOTAL DIRECT LABOR **\$15,973.06**

MULTIPLIERS

| | | | |
|------------------------------|--------|---|-------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$399.33 |
| FRINGE BENEFIT @ | 40.00% | (of Direct Labor + Escalation) | \$6,548.95 |
| GENERAL AND ADMINISTRATIVE @ | 82.00% | (of Direct Labor + Escalation) | \$13,425.36 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead + Payroll Additives) | \$3,634.67 |

TOTAL MULTIPLIERS **\$24,008.31**

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|------------------------------|----------|------|-----------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |

TOTAL ODC'S

TOTAL \$39,981.37

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225), Br. No. 56C0099, and Br. No. 56C0101] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|---------------------|--------------------|------------|---------------------------|
| Ceazar Aguilar | Project Manager | 124 | @ \$71.94 | \$8,920.56 |
| Ruel Ituralde | Project Engineer | | \$48.00 | |
| Christopher Aguilar | Design Engineer | 217 | @ \$32.50 | \$7,052.50 |
| Genevieve Smith | Cadd Designer | | \$24.00 | |
| Sally Beavan | Project Coordinator | | \$16.00 | |
| | | TOTAL HOURS | 341 | TOTAL DIRECT LABOR |
| | | | | \$15,973.06 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|--------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$399.33 |
| FRINGE BENEFIT @ | 40.00% | (of Direct Labor + Escalation) | \$6,548.95 |
| GENERAL AND ADMINISTRATIVE @ | 82.00% | (of Direct Labor + Escalation) | \$13,425.36 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead + Payroll Additives) | \$3,634.67 |
| TOTAL MULTIPLIERS | | | \$24,008.31 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|------------------------------|----------|------|-----------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |

TOTAL ODC'S

TOTAL **\$39,981.37**

SUBCONSULTANT MANHOOR WORKSHEET SUMMARY

| | | |
|---|---|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Channel Hydraulics | PHASE: All Phases |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225), Br. No. 56C0099, and Br. No. 56C0101] | | DATE: November 10, 2025 |

| TASK | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | | | | | | HOURS |
|------|-----------------|------------------|-----------------|---------------|---------------------|--|--|--|--|--|-------|
|------|-----------------|------------------|-----------------|---------------|---------------------|--|--|--|--|--|-------|

\$180.07 \$120.15 \$81.35 \$60.07 \$40.05

PHASE TOTALS

| | | |
|------------|------------|------------|
| 124 | 217 | 341 |
|------------|------------|------------|

- PHASE I
- PHASE II
- PHASE III
- PHASE IV

| | | |
|-----|-----|-----|
| 124 | 217 | 341 |
| | | |
| | | |
| | | |

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225), Br. No. 56C0099, and Br. No. 56C0101] | | DATE: November 10, 2025 |

| TASK | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | HOURS | COST |
|------|-----------------|------------------|-----------------|---------------|---------------------|-------|------|
| | \$180.07 | \$120.15 | \$81.35 | \$60.07 | \$40.05 | | |

| | | | |
|-----------------------|------------|------------|------------|
| Total Manhours | 124 | 217 | 341 |
|-----------------------|------------|------------|------------|

| | | | | | | | |
|--|------------|------------|--|--|--|------------|------------------|
| 1.1 Project Management | | | | | | | |
| 1.2 Project Team Meetings | | | | | | | |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | |
| 2.0 Research and Data Gathering | | | | | | | |
| 2.1 Collect and Review Existing Information | | | | | | | |
| 2.2 Conduct Field Review | | | | | | | |
| 3.0 Preliminary Engineering | | | | | | | |
| 3.1 Traffic Study (Technical Memorandum/Traffic Summary) | | | | | | | |
| 3.2 Preliminary Utility Mapping | | | | | | | |
| 3.3 Permits | | | | | | | |
| 3.4 Surveying and Right-of-Way Mapping (by County) | | | | | | | |
| 3.5 Preliminary Geotechnical Studies | | | | | | | |
| 3.6 Right-of-Way Requirements Map | | | | | | | |
| 3.7 Geometric Approval Drawings | | | | | | | |
| 3.8 Structure Advance Planning Study | | | | | | | |
| 3.9 Hydrologic, Hydraulic and Scour Studies | 124 | 217 | | | | 341 | \$ 39,981 |
| 3.10 Advisory and Mandatory Fact Sheets | | | | | | | |
| 3.11 Engineer's Estimate | | | | | | | |
| 4.0 Environmental Clearance & Documentation | | | | | | | |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|---|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Channel Hydraulics | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over Fomat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---------------------|--------------------|-----------|---------------------------|-------------------|
| Ceazar Aguilar | Project Manager | 18 | @ | \$71.94 | \$1,294.92 |
| Ruel Ituralde | Project Engineer | | | \$48.00 | |
| Christopher Aguilar | Design Engineer | 28 | @ | \$32.50 | \$910.00 |
| Genevieve Smith | Cadd Designer | | | \$24.00 | |
| Sally Beavan | Project Coordinator | | | \$16.00 | |
| | | TOTAL HOURS | 46 | TOTAL DIRECT LABOR | \$2,204.92 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$55.12 |
| FRINGE BENEFIT @ | 40.00% | (of Direct Labor + Escalation) | \$904.02 |
| GENERAL AND ADMINISTRATIVE @ | 82.00% | (of Direct Labor + Escalation) | \$1,853.24 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$501.73 |
| TOTAL MULTIPLIERS | | | \$3,314.11 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|------------------------------|----------|------|-----------|--------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| | | | | TOTAL ODC'S |

TOTAL \$5,519.03

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over Fomat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|---------------------|-------|-----------|------------|
| Ceazar Aguilar | Project Manager | 18 | @ \$71.94 | \$1,294.92 |
| Ruel Ituralde | Project Engineer | | \$48.00 | |
| Christopher Aguilar | Design Engineer | 28 | @ \$32.50 | \$910.00 |
| Genevieve Smith | Cadd Designer | | \$24.00 | |
| Sally Beavan | Project Coordinator | | \$16.00 | |

TOTAL HOURS **46** TOTAL DIRECT LABOR **\$2,204.92**

MULTIPLIERS

| | | | |
|------------------------------|--------|---|------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$55.12 |
| FRINGE BENEFIT @ | 40.00% | (of Direct Labor + Escalation) | \$904.02 |
| GENERAL AND ADMINISTRATIVE @ | 82.00% | (of Direct Labor + Escalation) | \$1,853.24 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$501.73 |

TOTAL MULTIPLIERS **\$3,314.11**

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|------------------------------|----------|------|-----------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |

TOTAL ODC'S

TOTAL **\$5,519.03**

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|---|--|--------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | DATE: November 10, 2025 | |

| TASK | PERSONNEL | | | | | HOURS | COST |
|---|-----------------|------------------|-----------------|---------------|---------------------|-------|------|
| | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | | |
| 4.3.2 Preliminary Site Assessment (Step-2) | | | | | | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | |
| 4.3.4 Natural Environmental Study | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | | | | | | | |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | | | | | | | |
| 4.3.9A Finding of Effect (FoE) (Step-2) | | | | | | | |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | | | | | | | |
| 4.5.2 Draft IS/EA for Public Review | | | | | | | |
| 4.5.3 Public Review | | | | | | | |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | | | | | | | |
| 4.5.5 Final MND/FONSI | | | | | | | |
| 4.6 - CEQA EIR | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for Standalone Initial Study (IS) and Distribution List | | | | | | | |
| 4.6.2 - Public Scoping | | | | | | | |
| 4.6.3 - Admin Draft EIR and MMRP | | | | | | | |
| 4.6.4 - Draft EIR and MMRP for Public Circulation | | | | | | | |
| 4.6.5 - Public Notices and Meeting | | | | | | | |
| 4.6.6 - Final EIR and MMRP | | | | | | | |

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|---|--|--------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
|---|--|--------------------------|

| | |
|---|-----------------------------------|
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | DATE: November 10, 2025 |
|---|-----------------------------------|

| TASK | PERSONNEL | | | | | HOURS | COST |
|--|-----------------|------------------|-----------------|---------------|---------------------|-------|------|
| | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | | |
| 4.6.7 - Admin Record | | | | | | | |
| 4.7 - NEPA Categorical Exclusion (CE) | | | | | | | |
| 4.8 - Resource Monitoring Plans | | | | | | | |
| 4.8.1 - Cultural Resource Monitoring Plan (CRMP) | | | | | | | |
| 4.8.2 - Paleontological Resource Impact Mitigation Program (PRIMP) | | | | | | | |
| 4.9 - Historic Properties Treatment | | | | | | | |
| 4.9.1 - Historic American Engineering Record (HAER) | | | | | | | |
| 4.9.2 - Preconstruction Historic Design Elements Review | | | | | | | |
| 4.9.3 - Interpretive Webpage | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|---|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Channel Hydraulics | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over East Stubbe Wash (Br. No. 56C0101, FPN BRLO-5956(229)) | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|---------------------|-------|-----------|------------|
| Ceazar Aguilar | Project Manager | 24 | @ \$71.94 | \$1,726.56 |
| Ruel Ituralde | Project Engineer | | \$48.00 | |
| Christopher Aguilar | Design Engineer | 48 | @ \$32.50 | \$1,560.00 |
| Genevieve Smith | Cadd Designer | | \$24.00 | |
| Sally Beavan | Project Coordinator | | \$16.00 | |

TOTAL HOURS **72** TOTAL DIRECT LABOR **\$3,286.56**

MULTIPLIERS

| | | | |
|------------------------------|--------|---|------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$82.16 |
| FRINGE BENEFIT @ | 40.00% | (of Direct Labor + Escalation) | \$1,347.49 |
| GENERAL AND ADMINISTRATIVE @ | 82.00% | (of Direct Labor + Escalation) | \$2,762.35 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$747.86 |

TOTAL MULTIPLIERS **\$4,939.86**

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|------------------------------|----------|------|-----------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |

TOTAL ODC'S

TOTAL **\$8,226.42**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over East Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---------------------|--------------------|-----------|---------------------------|-------------------|
| Ceazar Aguilar | Project Manager | 24 | @ | \$71.94 | \$1,726.56 |
| Ruel Ituralde | Project Engineer | | | \$48.00 | |
| Christopher Aguilar | Design Engineer | 48 | @ | \$32.50 | \$1,560.00 |
| Genevieve Smith | Cadd Designer | | | \$24.00 | |
| Sally Beavan | Project Coordinator | | | \$16.00 | |
| | | TOTAL HOURS | 72 | TOTAL DIRECT LABOR | \$3,286.56 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$82.16 |
| FRINGE BENEFIT @ | 40.00% | (of Direct Labor + Escalation) | \$1,347.49 |
| GENERAL AND ADMINISTRATIVE @ | 82.00% | (of Direct Labor + Escalation) | \$2,762.35 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$747.86 |
| TOTAL MULTIPLIERS | | | \$4,939.86 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|------------------------------|----------|------|-----------|--------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| | | | | TOTAL ODC'S |

TOTAL **\$8,226.42**

SUBCONSULTANT MANHOOR WORKSHEET SUMMARY

| | | |
|--|---|-----------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Channel Hydraulics | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over East Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | DATE: November 10, 2025 | |

| TASK | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | | | | | | | HOURS |
|------|-----------------|------------------|-----------------|---------------|---------------------|--|--|--|--|--|--|-------|
|------|-----------------|------------------|-----------------|---------------|---------------------|--|--|--|--|--|--|-------|

\$180.07 \$120.15 \$81.35 \$60.07 \$40.05

PHASE TOTALS

| | | |
|-----------|-----------|-----------|
| 24 | 48 | 72 |
|-----------|-----------|-----------|

| |
|-----------|
| PHASE I |
| PHASE II |
| PHASE III |
| PHASE IV |

| | | |
|-----------|-----------|-----------|
| 24 | 48 | 72 |
|-----------|-----------|-----------|

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|---|--|--------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental | PHASE: Phase I |
|---|--|--------------------------|

| | |
|--|-----------------------------------|
| PROJECT: Replacement of Railroad Avenue Bridge over East Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | DATE: November 10, 2025 |
|--|-----------------------------------|

| TASK | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | HOURS | COST |
|------|-----------------|------------------|-----------------|---------------|---------------------|-------|------|
| | | | | | | | |

\$180.07 \$120.15 \$81.35 \$60.07 \$40.05

Total Manhours

| | | |
|-----------|-----------|-----------|
| 24 | 48 | 72 |
|-----------|-----------|-----------|

| | | | | | | | |
|--|-----------|-----------|--|--|--|-----------|-----------------|
| 1.1 Project Management | | | | | | | |
| 1.2 Project Team Meetings | | | | | | | |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | |
| 2.0 Research and Data Gathering | | | | | | | |
| 2.1 Collect and Review Existing Information | | | | | | | |
| 2.2 Conduct Field Review | | | | | | | |
| 3.0 Preliminary Engineering | | | | | | | |
| 3.1 Traffic Study (Technical Memorandum/Traffic Summary) | | | | | | | |
| 3.2 Preliminary Utility Mapping | | | | | | | |
| 3.3 Permits | | | | | | | |
| 3.4 Surveying and Right-of-Way Mapping (by County) | | | | | | | |
| 3.5 Preliminary Geotechnical Studies | | | | | | | |
| 3.6 Right-of-Way Requirements Map | | | | | | | |
| 3.7 Geometric Approval Drawings | | | | | | | |
| 3.8 Structure Advance Planning Study | | | | | | | |
| 3.9 Hydrologic, Hydraulic and Scour Studies | 24 | 48 | | | | 72 | \$ 8,226 |
| 3.10 Advisory and Mandatory Fact Sheets | | | | | | | |
| 3.11 Engineer's Estimate | | | | | | | |
| 4.0 Environmental Clearance & Documentation | | | | | | | |
| 4.1 Project Initiation | | | | | | | |
| 4.2 Preliminary Environmental Study (PES) | | | | | | | |

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|--|--|--------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental | PHASE: Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over East Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | DATE: November 10, 2025 | |

| TASK | PERSONNEL | | | | | HOURS | COST |
|---|-----------------|------------------|-----------------|---------------|---------------------|-------|------|
| | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | | |
| 4.3 Technical Studies | | | | | | | |
| 4.3.1 Hazardous Waste (Initial Site Assessment) | | | | | | | |
| 4.3.2 Preliminary Site Assessment (Step-2) | | | | | | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | |
| 4.3.4 Natural Environmental Study | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | | | | | | | |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | | | | | | | |
| 4.3.9A Finding of Effect (FoE) (Step-2) | | | | | | | |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | | | | | | | |
| 4.5.2 Draft IS/EA for Public Review | | | | | | | |
| 4.5.3 Public Review | | | | | | | |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | | | | | | | |
| 4.5.5 Final MND/FONSI | | | | | | | |
| 4.6 - CEQA EIR | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for Standalone Initial Study (IS) and Distribution List | | | | | | | |
| 4.6.2 - Public Scoping | | | | | | | |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|---|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Channel Hydraulics | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|---------------------|-------|-----------|------------|
| Ceazar Aguilar | Project Manager | 18 | @ \$71.94 | \$1,294.92 |
| Ruel Ituralde | Project Engineer | | \$48.00 | |
| Christopher Aguilar | Design Engineer | 33 | @ \$32.50 | \$1,072.50 |
| Genevieve Smith | Cadd Designer | | \$24.00 | |
| Sally Beavan | Project Coordinator | | \$16.00 | |

TOTAL HOURS **51** TOTAL DIRECT LABOR **\$2,367.42**

MULTIPLIERS

| | | | |
|------------------------------|--------|---|------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$59.19 |
| FRINGE BENEFIT @ | 40.00% | (of Direct Labor + Escalation) | \$970.64 |
| GENERAL AND ADMINISTRATIVE @ | 82.00% | (of Direct Labor + Escalation) | \$1,989.82 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$538.71 |

TOTAL MULTIPLIERS **\$3,558.35**

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|------------------------------|----------|------|-----------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |

TOTAL ODC'S

TOTAL **\$5,925.77**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---------------------|--------------------|-----------|---------------------------|-------------------|
| Ceazar Aguilar | Project Manager | 18 | @ | \$71.94 | \$1,294.92 |
| Ruel Ituralde | Project Engineer | | | \$48.00 | |
| Christopher Aguilar | Design Engineer | 33 | @ | \$32.50 | \$1,072.50 |
| Genevieve Smith | Cadd Designer | | | \$24.00 | |
| Sally Beavan | Project Coordinator | | | \$16.00 | |
| | | TOTAL HOURS | 51 | TOTAL DIRECT LABOR | \$2,367.42 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$59.19 |
| FRINGE BENEFIT @ | 40.00% | (of Direct Labor + Escalation) | \$970.64 |
| GENERAL AND ADMINISTRATIVE @ | 82.00% | (of Direct Labor + Escalation) | \$1,989.82 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$538.71 |
| TOTAL MULTIPLIERS | | | \$3,558.35 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|------------------------------|----------|------|-----------|--------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| | | | | TOTAL ODC'S |

TOTAL **\$5,925.77**

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: November 10, 2025 |

| TASK | PERSONNEL | | | | | HOURS | COST |
|------|-----------------|------------------|-----------------|---------------|---------------------|-------|------|
| | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | | |

\$180.07 \$120.15 \$81.35 \$60.07 \$40.05

| | | | |
|-----------------------|-----------|-----------|-----------|
| Total Manhours | 18 | 33 | 51 |
|-----------------------|-----------|-----------|-----------|

| | | | | | | | |
|--|-----------|-----------|--|--|--|-----------|-----------------|
| 1.1 Project Management | | | | | | | |
| 1.2 Project Team Meetings | | | | | | | |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | |
| 2.0 Research and Data Gathering | | | | | | | |
| 2.1 Collect and Review Existing Information | | | | | | | |
| 2.2 Conduct Field Review | | | | | | | |
| 3.0 Preliminary Engineering | | | | | | | |
| 3.1 Traffic Study (Technical Memorandum/Traffic Summary) | | | | | | | |
| 3.2 Preliminary Utility Mapping | | | | | | | |
| 3.3 Permits | | | | | | | |
| 3.4 Surveying and Right-of-Way Mapping (by County) | | | | | | | |
| 3.5 Preliminary Geotechnical Studies | | | | | | | |
| 3.6 Right-of-Way Requirements Map | | | | | | | |
| 3.7 Geometric Approval Drawings | | | | | | | |
| 3.8 Structure Advance Planning Study | | | | | | | |
| 3.9 Hydrologic, Hydraulic and Scour Studies | 18 | 33 | | | | 51 | \$ 5,926 |
| 3.10 Advisory and Mandatory Fact Sheets | | | | | | | |
| 3.11 Engineer's Estimate | | | | | | | |
| 4.0 Environmental Clearance & Documentation | | | | | | | |
| 4.1 Project Initiation | | | | | | | |
| 4.2 Preliminary Environmental Study (PES) | | | | | | | |

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: November 10, 2025 |

| TASK | PERSONNEL | | | | | HOURS | COST |
|---|-----------------|------------------|-----------------|---------------|---------------------|-------|------|
| | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | | |
| 4.3 Technical Studies | | | | | | | |
| 4.3.1 Hazardous Waste (Initial Site Assessment) | | | | | | | |
| 4.3.2 Preliminary Site Assessment (Step-2) | | | | | | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | |
| 4.3.4 Natural Environmental Study | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | | | | | | | |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | | | | | | | |
| 4.3.9A Finding of Effect (FoE) (Step-2) | | | | | | | |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | | | | | | | |
| 4.5.2 Draft IS/EA for Public Review | | | | | | | |
| 4.5.3 Public Review | | | | | | | |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | | | | | | | |
| 4.5.5 Final MND/FONSI | | | | | | | |
| 4.6 - CEQA EIR | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for Standalone Initial Study (IS) and Distribution List | | | | | | | |

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: November 10, 2025 |

| TASK | PERSONNEL | | | | | HOURS | COST |
|--|-----------------|------------------|-----------------|---------------|---------------------|-------|------|
| | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | | |
| 4.6.2 - Public Scoping | | | | | | | |
| 4.6.3 - Admin Draft EIR and MMRP | | | | | | | |
| 4.6.4 - Draft EIR and MMRP for Public Circulation | | | | | | | |
| 4.6.5 - Public Notices and Meeting | | | | | | | |
| 4.6.6 - Final EIR and MMRP | | | | | | | |
| 4.6.7 - Admin Record | | | | | | | |
| 4.7 - NEPA Categorical Exclusion (CE) | | | | | | | |
| 4.8 - Resource Monitoring Plans | | | | | | | |
| 4.8.1 - Cultural Resource Monitoring Plan (CRMP) | | | | | | | |
| 4.8.2 - Paleontological Resource Impact Mitigation Program (PRIMP) | | | | | | | |
| 4.9 - Historic Properties Treatment | | | | | | | |
| 4.9.1 - Historic American Engineering Record (HAER) | | | | | | | |
| 4.9.2 - Preconstruction Historic Design Elements Review | | | | | | | |
| 4.9.3 - Interpretive Webpage | | | | | | | |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|---|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Channel Hydraulics | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---------------------|-------|---|---------|------------|
| Ceazar Aguilar | Project Manager | 18 | @ | \$71.94 | \$1,294.92 |
| Ruel Ituralde | Project Engineer | | | \$48.00 | |
| Christopher Aguilar | Design Engineer | 33 | @ | \$32.50 | \$1,072.50 |
| Genevieve Smith | Cadd Designer | | | \$24.00 | |
| Sally Beavan | Project Coordinator | | | \$16.00 | |

TOTAL HOURS **51** TOTAL DIRECT LABOR **\$2,367.42**

MULTIPLIERS

| | | | |
|------------------------------|--------|---|------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$59.19 |
| FRINGE BENEFIT @ | 40.00% | (of Direct Labor + Escalation) | \$970.64 |
| GENERAL AND ADMINISTRATIVE @ | 82.00% | (of Direct Labor + Escalation) | \$1,989.82 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$538.71 |

TOTAL MULTIPLIERS **\$3,558.35**

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|------------------------------|----------|------|-----------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |

TOTAL ODC'S

TOTAL \$5,925.77

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT | |
|---------------------|---------------------|--------------------|-----------|---------------------------|-------------------|
| Ceazar Aguilar | Project Manager | 18 | @ \$71.94 | \$1,294.92 | |
| Ruel Ituralde | Project Engineer | | \$48.00 | | |
| Christopher Aguilar | Design Engineer | 33 | @ \$32.50 | \$1,072.50 | |
| Genevieve Smith | Cadd Designer | | \$24.00 | | |
| Sally Beavan | Project Coordinator | | \$16.00 | | |
| | | TOTAL HOURS | 51 | TOTAL DIRECT LABOR | \$2,367.42 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$59.19 |
| FRINGE BENEFIT @ | 40.00% | (of Direct Labor + Escalation) | \$970.64 |
| GENERAL AND ADMINISTRATIVE @ | 82.00% | (of Direct Labor + Escalation) | \$1,989.82 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$538.71 |
| TOTAL MULTIPLIERS | | | \$3,558.35 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|------------------------------|----------|------|-----------|--------------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| | | | | TOTAL ODC'S |

TOTAL **\$5,925.77**

SUBCONSULTANT MANHOUR WORKSHEET SUMMARY

| | | |
|--|---|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Channel Hydraulics | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: November 10, 2025 |

| TASK | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | | | | | | | | | | | | | | | | | HOURS |
|------|-----------------|------------------|-----------------|---------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| | \$180.07 | \$120.15 | \$81.35 | \$60.07 | \$40.05 | | | | | | | | | | | | | | | | | |

PHASE TOTALS

| | | |
|-----------|-----------|-----------|
| 18 | 33 | 51 |
|-----------|-----------|-----------|

| |
|-----------|
| PHASE I |
| PHASE II |
| PHASE III |
| PHASE IV |

| | | |
|-----------|-----------|-----------|
| 18 | 33 | 51 |
| | | |
| | | |
| | | |

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|--|--|--------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | DATE: November 10, 2025 | |

| TASK | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | HOURS | COST |
|------|-----------------|------------------|-----------------|---------------|---------------------|-------|------|
| | \$180.07 | \$120.15 | \$81.35 | \$60.07 | \$40.05 | | |

| | | | |
|-----------------------|-----------|-----------|-----------|
| Total Manhours | 18 | 33 | 51 |
|-----------------------|-----------|-----------|-----------|

| | | | | | | | |
|--|-----------|-----------|--|--|--|-----------|-----------------|
| 1.1 Project Management | | | | | | | |
| 1.2 Project Team Meetings | | | | | | | |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | |
| 2.0 Research and Data Gathering | | | | | | | |
| 2.1 Collect and Review Existing Information | | | | | | | |
| 2.2 Conduct Field Review | | | | | | | |
| 3.0 Preliminary Engineering | | | | | | | |
| 3.1 Traffic Study (Technical Memorandum/Traffic Summary) | | | | | | | |
| 3.2 Preliminary Utility Mapping | | | | | | | |
| 3.3 Permits | | | | | | | |
| 3.4 Surveying and Right-of-Way Mapping (by County) | | | | | | | |
| 3.5 Preliminary Geotechnical Studies | | | | | | | |
| 3.6 Right-of-Way Requirements Map | | | | | | | |
| 3.7 Geometric Approval Drawings | | | | | | | |
| 3.8 Structure Advance Planning Study | | | | | | | |
| 3.9 Hydrologic, Hydraulic and Scour Studies | 18 | 33 | | | | 51 | \$ 5,926 |
| 3.10 Advisory and Mandatory Fact Sheets | | | | | | | |
| 3.11 Engineer's Estimate | | | | | | | |
| 4.0 Environmental Clearance & Documentation | | | | | | | |
| 4.1 Project Initiation | | | | | | | |
| 4.2 Preliminary Environmental Study (PES) | | | | | | | |
| 4.3 Technical Studies | | | | | | | |

SUBCONSULTANT MANHOOR WORKSHEET

| | | |
|--|--|--------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | DATE: November 10, 2025 | |

| TASK | PERSONNEL | | | | | HOURS | COST |
|---|-----------------|------------------|-----------------|---------------|---------------------|-------|------|
| | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | | |
| 4.3.1 Hazardous Waste (Initial Site Assessment) | | | | | | | |
| 4.3.2 Preliminary Site Assessment (Step-2) | | | | | | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | |
| 4.3.4 Natural Environmental Study | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | | | | | | | |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | | | | | | | |
| 4.3.9A Finding of Effect (FoE) (Step-2) | | | | | | | |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | | | | | | | |
| 4.5.2 Draft IS/EA for Public Review | | | | | | | |
| 4.5.3 Public Review | | | | | | | |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | | | | | | | |
| 4.5.5 Final MND/FONSI | | | | | | | |
| 4.6 - CEQA EIR | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for Standalone Initial Study (IS) and Distribution List | | | | | | | |
| 4.6.2 - Public Scoping | | | | | | | |
| 4.6.3 - Admin Draft EIR and MMRP | | | | | | | |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|---|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Channel Hydraulics | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Suro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|---------------------|---------------------|-------|---|---------|------------|
| Ceazar Aguilar | Project Manager | 18 | @ | \$71.94 | \$1,294.92 |
| Ruel Ituralde | Project Engineer | | | \$48.00 | |
| Christopher Aguilar | Design Engineer | 33 | @ | \$32.50 | \$1,072.50 |
| Genevieve Smith | Cadd Designer | | | \$24.00 | |
| Sally Beavan | Project Coordinator | | | \$16.00 | |

TOTAL HOURS **51** TOTAL DIRECT LABOR **\$2,367.42**

MULTIPLIERS

| | | | |
|------------------------------|--------|---|------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$59.19 |
| FRINGE BENEFIT @ | 40.00% | (of Direct Labor + Escalation) | \$970.64 |
| GENERAL AND ADMINISTRATIVE @ | 82.00% | (of Direct Labor + Escalation) | \$1,989.82 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$538.71 |

TOTAL MULTIPLIERS **\$3,558.35**

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|------------------------------|----------|------|-----------|--------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |

TOTAL ODC'S

TOTAL **\$5,925.77**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|---------------------|---------------------|-------------|-----------|--------------------|
| Ceazar Aguilar | Project Manager | 18 | @ \$71.94 | \$1,294.92 |
| Ruel Ituralde | Project Engineer | | \$48.00 | |
| Christopher Aguilar | Design Engineer | 33 | @ \$32.50 | \$1,072.50 |
| Genevieve Smith | Cadd Designer | | \$24.00 | |
| Sally Beavan | Project Coordinator | | \$16.00 | |
| | | TOTAL HOURS | 51 | TOTAL DIRECT LABOR |
| | | | | \$2,367.42 |

MULTIPLIERS

| | | | |
|------------------------------|--------|---|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$59.19 |
| FRINGE BENEFIT @ | 40.00% | (of Direct Labor + Escalation) | \$970.64 |
| GENERAL AND ADMINISTRATIVE @ | 82.00% | (of Direct Labor + Escalation) | \$1,989.82 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$538.71 |
| TOTAL MULTIPLIERS | | | \$3,558.35 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|------------------------------|----------|------|-----------|-------------|
| Reproduction | | LS | | |
| Mailing and Special Delivery | | LS | | |
| Mileage and Travel | | LS | | |
| | | | | TOTAL ODC'S |

TOTAL **\$5,925.77**

SUBCONSULTANT MANHOOR WORKSHEET SUMMARY

| | | |
|--|---|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Channel Hydraulics | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: November 10, 2025 |

| TASK | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | | | | | | | | | | | | | | | | HOURS |
|------|-----------------|------------------|-----------------|---------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| | \$180.07 | \$120.15 | \$81.35 | \$60.07 | \$40.05 | | | | | | | | | | | | | | | | |

PHASE TOTALS

| | | |
|-----------|-----------|-----------|
| 18 | 33 | 51 |
|-----------|-----------|-----------|

- PHASE I
- PHASE II
- PHASE III
- PHASE IV

| | | |
|----|----|----|
| 18 | 33 | 51 |
| | | |
| | | |
| | | |

SUBCONSULTANT MANHOUR WORKSHEET

| | | |
|--|--|--------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | DATE: November 10, 2025 | |

| TASK | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | HOURS | COST |
|------|-----------------|------------------|-----------------|---------------|---------------------|-------|------|
|------|-----------------|------------------|-----------------|---------------|---------------------|-------|------|

\$180.07 \$120.15 \$81.35 \$60.07 \$40.05

| | | | |
|-----------------------|-----------|-----------|-----------|
| Total Manhours | 18 | 33 | 51 |
|-----------------------|-----------|-----------|-----------|

| | | | | | | | |
|--|-----------|-----------|--|--|--|-----------|-----------------|
| 1.1 Project Management | | | | | | | |
| 1.2 Project Team Meetings | | | | | | | |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | |
| 2.0 Research and Data Gathering | | | | | | | |
| 2.1 Collect and Review Existing Information | | | | | | | |
| 2.2 Conduct Field Review | | | | | | | |
| 3.0 Preliminary Engineering | | | | | | | |
| 3.1 Traffic Study (Technical Memorandum/Traffic Summary) | | | | | | | |
| 3.2 Preliminary Utility Mapping | | | | | | | |
| 3.3 Permits | | | | | | | |
| 3.4 Surveying and Right-of-Way Mapping (by County) | | | | | | | |
| 3.5 Preliminary Geotechnical Studies | | | | | | | |
| 3.6 Right-of-Way Requirements Map | | | | | | | |
| 3.7 Geometric Approval Drawings | | | | | | | |
| 3.8 Structure Advance Planning Study | | | | | | | |
| 3.9 Hydrologic, Hydraulic and Scour Studies | 18 | 33 | | | | 51 | \$ 5,926 |
| 3.10 Advisory and Mandatory Fact Sheets | | | | | | | |
| 3.11 Engineer's Estimate | | | | | | | |
| 4.0 Environmental Clearance & Documentation | | | | | | | |

SUBCONSULTANT MANHOOR WORKSHEET

| | | |
|--|--|--------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | DATE: November 10, 2025 | |

| TASK | PERSONNEL | | | | | HOURS | COST |
|---|-----------------|------------------|-----------------|---------------|---------------------|-------|------|
| | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | | |
| 4.1 Project Initiation | | | | | | | |
| 4.2 Preliminary Environmental Study (PES) | | | | | | | |
| 4.3 Technical Studies | | | | | | | |
| 4.3.1 Hazardous Waste (Initial Site Assessment) | | | | | | | |
| 4.3.2 Preliminary Site Assessment (Step-2) | | | | | | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | |
| 4.3.4 Natural Environmental Study | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | | | | | | | |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | | | | | | | |
| 4.3.9A Finding of Effect (FoE) (Step-2) | | | | | | | |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | | | | | | | |
| 4.5.2 Draft IS/EA for Public Review | | | | | | | |
| 4.5.3 Public Review | | | | | | | |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | | | | | | | |
| 4.5.5 Final MND/FONSI | | | | | | | |

SUBCONSULTANT MANHOOR WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: November 10, 2025 |

| TASK | PERSONNEL | | | | | HOURS | COST |
|---|-----------------|------------------|-----------------|---------------|---------------------|-------|------|
| | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | | |
| 4.6 - CEQA EIR | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for Standalone Initial Study (IS) and Distribution List | | | | | | | |
| 4.6.2 - Public Scoping | | | | | | | |
| 4.6.3 - Admin Draft EIR and MMRP | | | | | | | |
| 4.6.4 - Draft EIR and MMRP for Public Circulation | | | | | | | |
| 4.6.5 - Public Notices and Meeting | | | | | | | |
| 4.6.6 - Final EIR and MMRP | | | | | | | |
| 4.6.7 - Admin Record | | | | | | | |
| 4.7 - NEPA Categorical Exclusion (CE) | | | | | | | |
| 4.8 - Resource Monitoring Plans | | | | | | | |
| 4.8.1 - Cultural Resource Monitoring Plan (CRMP) | | | | | | | |
| 4.8.2 - Paleontological Resource Impact Mitigation Program (PRIMP) | | | | | | | |
| 4.9 - Historic Properties Treatment | | | | | | | |
| 4.9.1 - Historic American Engineering Record (HAER) | | | | | | | |
| 4.9.2 - Preconstruction Historic Design Elements Review | | | | | | | |
| 4.9.3 - Interpretive Webpage | | | | | | | |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

SUBCONSULTANT MANHOOR WORKSHEET SUMMARY

| | | |
|--|---|-----------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Channel Hydraulics | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | DATE: November 10, 2025 | |

| TASK | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | | | | | | | HOURS |
|------|-----------------|------------------|-----------------|---------------|---------------------|--|--|--|--|--|--|-------|
|------|-----------------|------------------|-----------------|---------------|---------------------|--|--|--|--|--|--|-------|

\$180.07 \$120.15 \$81.35 \$60.07 \$40.05

PHASE TOTALS

| | | |
|-----------|-----------|-----------|
| 28 | 42 | 70 |
|-----------|-----------|-----------|

- PHASE I
- PHASE II
- PHASE III
- PHASE IV

| | | |
|----|----|----|
| 28 | 42 | 70 |
|----|----|----|

SUBCONSULTANT MANHOOR WORKSHEET

| | | |
|--|--|--------------------------|
| COMPANY: Aguilar Consulting, Inc. (ACI) | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road Bridge over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | DATE: November 10, 2025 | |

| TASK | PERSONNEL | | | | | HOURS | COST |
|---|-----------------|------------------|-----------------|---------------|---------------------|-------|------|
| | PROJECT MANAGER | PROJECT ENGINEER | DESIGN ENGINEER | CADD DESIGNER | PROJECT COORDINATOR | | |
| 4.3.2 Preliminary Site Assessment (Step-2) | | | | | | | |
| 4.3.3 Water Quality Assessment Studies | | | | | | | |
| 4.3.4 Natural Environmental Study | | | | | | | |
| 4.3.5 Wetland Delineation and Assessment | | | | | | | |
| 4.3.6 Section 4(f) Evaluation (Individual Finding) | | | | | | | |
| 4.3.7 Visual Resources (Minor Visual Impact Assessment) | | | | | | | |
| 4.3.8 Culture Resources Study (APE/ASR/HRER/HPSR) | | | | | | | |
| 4.3.9A Finding of Effect (FoE) (Step-2) | | | | | | | |
| 4.3.9B Section 106 Memorandum of Agreement (MOA) (Step-2) | | | | | | | |
| 4.3.10 CEQA Notice of Exemption (NOE) | | | | | | | |
| 4.5 CEQA/NEPA Initial Study/Environmental Assessment (IS/EA) (Step-2) | | | | | | | |
| 4.5.1 Administrative Draft IS/EA | | | | | | | |
| 4.5.2 Draft IS/EA for Public Review | | | | | | | |
| 4.5.3 Public Review | | | | | | | |
| 4.5.4 Draft Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) | | | | | | | |
| 4.5.5 Final MND/FONSI | | | | | | | |
| 4.6 - CEQA EIR | | | | | | | |
| 4.6.1 - Notice of Preparation (NOP) for Standalone Initial Study (IS) and Distribution List | | | | | | | |
| 4.6.2 - Public Scoping | | | | | | | |
| 4.6.3 - Admin Draft EIR and MMRP | | | | | | | |
| 4.6.4 - Draft EIR and MMRP for Public Circulation | | | | | | | |
| 4.6.5 - Public Notices and Meeting | | | | | | | |
| 4.6.6 - Final EIR and MMRP | | | | | | | |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|---|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Geotechnical and ISA | PHASE: All Phases |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|------------|---|---------------------------|--------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | 6 | @ | \$86.67 | \$520.02 |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 156 | @ | \$63.76 | \$9,946.56 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | 6 | @ | \$50.87 | \$305.22 |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | 60 | @ | \$35.40 | \$2,124.00 |
| | Staff Engineer | 192 | @ | \$28.36 | \$5,445.12 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 420 | | TOTAL DIRECT LABOR | \$18,340.92 |

MULTIPLIERS

| | | | |
|------------------------------|---------|--|--------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$458.52 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$13,761.19 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$20,322.20 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$5,288.28 |
| TOTAL MULTIPLIERS | | | \$39,830.20 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|---------------------|----------|------|---|-----------|------------|
| Mileage and Travel | 6 | LS | @ | \$70.00 | \$420.00 |
| Miscellaneous (EDR) | 6 | LS | @ | \$200.00 | \$1,200.00 |

TOTAL ODC'S **\$1,620.00**

TOTAL **\$59,791.12**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|------------|---|--------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | 6 | @ | \$86.67 | \$520.02 |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 72 | @ | \$63.76 | \$4,590.72 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | 6 | @ | \$50.87 | \$305.22 |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | 60 | @ | \$35.40 | \$2,124.00 |
| | Staff Engineer | 72 | @ | \$28.36 | \$2,041.92 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 216 | | TOTAL DIRECT LABOR | \$9,581.88 |

MULTIPLIERS

| | | | |
|------------------------------|---------|--|--------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$239.55 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$7,189.28 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$10,616.96 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,762.77 |
| TOTAL MULTIPLIERS | | | \$20,808.56 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|---------------------|----------|------|---|-----------|-------------------|
| Mileage and Travel | 6 | LS | @ | \$70.00 | \$420.00 |
| Miscellaneous (EDR) | 6 | LS | @ | \$200.00 | \$1,200.00 |
| TOTAL ODC'S | | | | | \$1,620.00 |

TOTAL **\$32,010.44**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956(226), BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|------------|---|---------------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | | | \$86.67 | |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 84 | @ | \$63.76 | \$5,355.84 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | | | \$50.87 | |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | | | \$35.40 | |
| | Staff Engineer | 120 | @ | \$28.36 | \$3,403.20 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 204 | | TOTAL DIRECT LABOR | \$8,769.04 |

MULTIPLIERS

| | | | |
|------------------------------|---------|---|--------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$218.98 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$6,571.91 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$9,705.24 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$2,525.52 |
| TOTAL MULTIPLIERS | | | \$19,021.63 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|---------------------|----------|------|-----------|--------|
| Mileage and Travel | | LS | | |
| Miscellaneous (EDR) | | LS | | |

TOTAL ODC'S

TOTAL **\$27,780.67**

SUBCONSULTANT MANHOUR WORKSHEET SUMMARY

| | | |
|---|---|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Geotechnical and ISA | PHASE: All Phases |
| PROJECT: Replacement of Six Chuckwalla Valley Road and Railroad Avenue Bridges [BRLO-5956(228), BRLO-5956(229), BRLO-5956(239), BRLO-5956(227), BRLO-5956 | | DATE: November 10, 2025 |

| TASK | PRINCIPAL GEOTECHNICAL ENGINEER | PRINCIPAL ENVIRONMENTAL ENGINEER | PROJECT MANAGER/PRINCIPAL GEOTECHNICAL ENGINEER (ENVIRONMENTAL) | ASSOCIATE ENGINEER (ENVIRONMENTAL) | SENIOR PROJECT MANAGER | PROJECT MANAGER | STAFF ENGINEER | TECHNICIAN GEOTECHNICAL LABORATORY | TECHNICIAN HAZARDOUS MATERIALS | CADD | HOURS |
|------|---------------------------------|----------------------------------|---|------------------------------------|------------------------|-----------------|----------------|------------------------------------|--------------------------------|------|-------|
|------|---------------------------------|----------------------------------|---|------------------------------------|------------------------|-----------------|----------------|------------------------------------|--------------------------------|------|-------|

\$353.42 \$274.89 \$202.22 \$161.34 \$155.09 \$112.28 \$89.95 \$72.95 \$88.11 \$103.27

PHASE TOTALS

| | | | | | |
|----------|------------|----------|-----------|------------|------------|
| 6 | 156 | 6 | 60 | 192 | 420 |
|----------|------------|----------|-----------|------------|------------|

| |
|------------------|
| PHASE I |
| PHASE II |
| PHASE III |
| PHASE IV |

| | | | | | |
|---|----|---|----|-----|-----|
| 6 | 72 | 6 | 60 | 72 | 216 |
| | 84 | | | 120 | 204 |
| | | | | | |
| | | | | | |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|---|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Geotechnical and ISA | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|-----------|---|--------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | 1 | @ | \$86.67 | \$86.67 |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 26 | @ | \$63.76 | \$1,657.76 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | 1 | @ | \$50.87 | \$50.87 |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | 10 | @ | \$35.40 | \$354.00 |
| | Staff Engineer | 32 | @ | \$28.36 | \$907.52 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 70 | | TOTAL DIRECT LABOR | \$3,056.82 |

MULTIPLIERS

| | | | |
|------------------------------|---------|--|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$76.42 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$2,293.53 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$3,387.03 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$881.38 |
| TOTAL MULTIPLIERS | | | \$6,638.37 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|---------------------|----------|------|---|-----------|-----------------|
| Mileage and Travel | 1 | LS | @ | \$70.00 | \$70.00 |
| Miscellaneous (EDR) | 1 | LS | | \$200.00 | \$200.00 |
| TOTAL ODC'S | | | | | \$270.00 |

TOTAL \$9,965.19

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|-----------|---|--------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | 1 | @ | \$86.67 | \$86.67 |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 12 | @ | \$63.76 | \$765.12 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | 1 | @ | \$50.87 | \$50.87 |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | 10 | @ | \$35.40 | \$354.00 |
| | Staff Engineer | 12 | @ | \$28.36 | \$340.32 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 36 | | TOTAL DIRECT LABOR | \$1,596.98 |

MULTIPLIERS

| | | | |
|------------------------------|---------|--|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$39.92 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$1,198.21 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$1,769.49 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$460.46 |
| TOTAL MULTIPLIERS | | | \$3,468.09 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|---------------------|----------|------|---|-----------|-----------------|
| Mileage and Travel | 1 | LS | @ | \$70.00 | \$70.00 |
| Miscellaneous (EDR) | 1 | LS | @ | \$200.00 | \$200.00 |
| TOTAL ODC'S | | | | | \$270.00 |

TOTAL **\$5,335.07**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|-----------|---|---------------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | | | \$86.67 | |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 14 | @ | \$63.76 | \$892.64 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | | | \$50.87 | |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | | | \$35.40 | |
| | Staff Engineer | 20 | @ | \$28.36 | \$567.20 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 34 | | TOTAL DIRECT LABOR | \$1,459.84 |

MULTIPLIERS

| | | | |
|------------------------------|---------|--|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$36.50 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$1,095.32 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$1,617.54 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$420.92 |
| TOTAL MULTIPLIERS | | | \$3,170.27 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|---------------------|----------|------|-----------|--------|
| Mileage and Travel | | LS | | |
| Miscellaneous (EDR) | | LS | | |
| TOTAL ODC'S | | | | |

TOTAL **\$4,630.11**

SUBCONSULTANT MANHOUR WORKSHEET SUMMARY

| | | |
|---|---|-----------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Geotechnical and ISA | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | DATE: November 10, 2025 | |

| TASK | PRINCIPAL GEOTECHNICAL ENGINEER | PRINCIPAL ENVIRONMENTAL ENGINEER | PROJECT MANAGER/PRINCIPAL GEOTECHNICAL ENGINEER (ENVIRONMENTAL) | ASSOCIATE ENGINEER | SENIOR PROJECT MANAGER | PROJECT MANAGER | STAFF ENGINEER | TECHNICIAN GEOTECHNICAL LABORATORY | TECHNICIAN HAZARDOUS MATERIALS | CADD | HOURS |
|------|---------------------------------|----------------------------------|---|--------------------|------------------------|-----------------|----------------|------------------------------------|--------------------------------|------|-------|
|------|---------------------------------|----------------------------------|---|--------------------|------------------------|-----------------|----------------|------------------------------------|--------------------------------|------|-------|

\$353.42 \$274.89 \$202.22 \$161.34 \$155.09 \$112.28 \$89.95 \$72.95 \$88.11 \$103.27

PHASE TOTALS

| | | | | | | | | | | | |
|--|----------|-----------|----------|-----------|-----------|--|--|--|--|--|-----------|
| | 1 | 26 | 1 | 10 | 32 | | | | | | 70 |
|--|----------|-----------|----------|-----------|-----------|--|--|--|--|--|-----------|

| |
|------------------|
| PHASE I |
| PHASE II |
| PHASE III |
| PHASE IV |

| | | | | | | | | | | | |
|--|----------|-----------|----------|-----------|-----------|--|--|--|--|--|-----------|
| | 1 | 12 | 1 | 10 | 12 | | | | | | 36 |
| | | 14 | | | 20 | | | | | | 34 |

SUBCONSULTANT MANHOOR WORKSHEET

| | | |
|--|--|--------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
|--|--|--------------------------|

| | |
|---|-----------------------------------|
| PROJECT: Replacement of Railroad Avenue Bridge over Fornat Wash [Br. No. 56C0099, FPN BRLO-5956(228)] | DATE: November 10, 2025 |
|---|-----------------------------------|

| TASK | PRINCIPAL GEOTECHNICAL ENGINEER | PRINCIPAL ENVIRONMENTAL ENGINEER | PROJECT MANAGER/PRINCIPAL GEOTECHNICAL ENGINEER | ASSOCIATE ENVIRONMENTAL ENGINEER | SENIOR PROJECT MANAGER | PROJECT MANAGER | STAFF ENGINEER | TECHNICIAN GEOTECHNICAL LABORATORY | TECHNICIAN HAZARDOUS MATERIALS | HOURS | COST |
|------|---------------------------------|----------------------------------|---|----------------------------------|------------------------|-----------------|----------------|------------------------------------|--------------------------------|-------|------|
| | \$353.42 | \$274.89 | \$202.22 | \$161.34 | \$155.09 | \$112.28 | \$89.95 | \$72.95 | \$88.11 | | |

| | | | | | | | | | | | |
|-----------------------|----------|-----------|----------|--|-----------|-----------|--|--|--|-----------|--|
| Total Manhours | 1 | 12 | 1 | | 10 | 12 | | | | 36 | |
|-----------------------|----------|-----------|----------|--|-----------|-----------|--|--|--|-----------|--|

| | | | | | | | | | | | |
|--|--|--|-----------|----------|--|-----------|-----------|--|--|-----------|-----------------|
| 1.1 Project Management | | | | | | | | | | | |
| 1.2 Project Team Meetings | | | | | | | | | | | |
| 1.3 Quality Control and Quality Assurance (QC/QA) | | | | | | | | | | | |
| 2.0 Research and Data Gathering | | | | | | | | | | | |
| 2.1 Collect and Review Existing Information | | | | | | | | | | | |
| 2.2 Conduct Field Review | | | | | | | | | | | |
| 3.0 Preliminary Engineering | | | | | | | | | | | |
| 3.1 Traffic Study (Technical Memorandum/Traffic Summary) | | | | | | | | | | | |
| 3.2 Preliminary Utility Mapping | | | | | | | | | | | |
| 3.3 Permits | | | | | | | | | | | |
| 3.4 Surveying and Right-of-Way Mapping (by County) | | | | | | | | | | | |
| 3.5 Preliminary Geotechnical Studies | | | 12 | | | | 12 | | | 24 | \$ 3,506 |
| 3.6 Right-of-Way Requirements Map | | | | | | | | | | | |
| 3.7 Geometric Approval Drawings | | | | | | | | | | | |
| 3.8 Structure Advance Planning Study | | | | | | | | | | | |
| 3.9 Hydrologic, Hydraulic and Scour Studies | | | | | | | | | | | |
| 3.10 Advisory and Mandatory Fact Sheets | | | | | | | | | | | |
| 3.11 Engineer's Estimate | | | | | | | | | | | |
| 4.0 Environmental Clearance & Documentation | | | | | | | | | | | |
| 4.1 Project Initiation | | | | | | | | | | | |
| 4.2 Preliminary Environmental Study (PES) | | | | | | | | | | | |
| 4.3 Technical Studies | | | | | | | | | | | |
| 4.3.1 Hazardous Waste (Initial Site Assessment) | | | 1 | 1 | | 10 | | | | 12 | \$ 1,559 |

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|---|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Geotechnical and ISA | PHASE: All Phases |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|-----------|---|--------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | 1 | @ | \$86.67 | \$86.67 |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 26 | @ | \$63.76 | \$1,657.76 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | 1 | @ | \$50.87 | \$50.87 |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | 10 | @ | \$35.40 | \$354.00 |
| | Staff Engineer | 32 | @ | \$28.36 | \$907.52 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 70 | | TOTAL DIRECT LABOR | \$3,056.82 |

MULTIPLIERS

| | | | |
|------------------------------|---------|---|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$76.42 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$2,293.53 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$3,387.03 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead + Payroll Additives) | \$881.38 |
| TOTAL MULTIPLIERS | | | \$6,638.37 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|---------------------|----------|------|---|-----------|----------|
| Mileage and Travel | 1 | LS | @ | \$70.00 | \$70.00 |
| Miscellaneous (EDR) | 1 | LS | @ | \$200.00 | \$200.00 |
| | | | | | #VALUE! |

TOTAL ODC'S #VALUE!

TOTAL #VALUE!

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|-----------|---|---------------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | 1 | @ | \$86.67 | \$86.67 |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 12 | @ | \$63.76 | \$765.12 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | 1 | @ | \$50.87 | \$50.87 |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | 10 | @ | \$35.40 | \$354.00 |
| | Staff Engineer | 12 | @ | \$28.36 | \$340.32 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 36 | | TOTAL DIRECT LABOR | \$1,596.98 |

MULTIPLIERS

| | | | |
|------------------------------|---------|---|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$39.92 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$1,198.21 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$1,769.49 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead + Payroll Additives) | \$460.46 |
| TOTAL MULTIPLIERS | | | \$3,468.09 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|---------------------|----------|------|---|-----------|-----------------|
| Mileage and Travel | 1 | LS | @ | \$70.00 | \$70.00 |
| Miscellaneous (EDR) | 1 | LS | @ | \$200.00 | \$200.00 |
| TOTAL ODC'S | | | | | \$270.00 |

TOTAL **\$5,335.07**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|--|--|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Railroad Avenue Bridge over East Channel Stubbe Wash [Br. No. 56C0101, FPN BRLO-5956(229)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|-----------|---|--------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | | | \$86.67 | |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 14 | @ | \$63.76 | \$892.64 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | | | \$50.87 | |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | | | \$35.40 | |
| | Staff Engineer | 20 | @ | \$28.36 | \$567.20 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 34 | | TOTAL DIRECT LABOR | \$1,459.84 |

MULTIPLIERS

| | | | |
|------------------------------|---------|---|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$36.50 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$1,095.32 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$1,617.54 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead + Payroll Additives) | \$420.92 |
| TOTAL MULTIPLIERS | | | \$3,170.27 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|---------------------|----------|------|-----------|--------|
| Mileage and Travel | | LS | | |
| Miscellaneous (EDR) | | LS | | |

TOTAL ODC'S

TOTAL **\$4,630.11**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|---|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Geotechnical and ISA | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|-----------|---|--------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | 1 | @ | \$86.67 | \$86.67 |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 26 | @ | \$63.76 | \$1,657.76 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | 1 | @ | \$50.87 | \$50.87 |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | 10 | @ | \$35.40 | \$354.00 |
| | Staff Engineer | 32 | @ | \$28.36 | \$907.52 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 70 | | TOTAL DIRECT LABOR | \$3,056.82 |

MULTIPLIERS

| | | | |
|------------------------------|---------|---|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$76.42 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$2,293.53 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$3,387.03 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$881.38 |
| TOTAL MULTIPLIERS | | | \$6,638.37 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|---------------------|----------|------|---|-----------|----------|
| Mileage and Travel | 1 | LS | @ | \$70.00 | \$70.00 |
| Miscellaneous (EDR) | 1 | LS | @ | \$200.00 | \$200.00 |

TOTAL ODC'S **\$270.00**

TOTAL **\$9,965.19**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|-----------|---|---------------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | 1 | @ | \$86.67 | \$86.67 |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 12 | @ | \$63.76 | \$765.12 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | 1 | @ | \$50.87 | \$50.87 |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | 10 | @ | \$35.40 | \$354.00 |
| | Staff Engineer | 12 | @ | \$28.36 | \$340.32 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 36 | | TOTAL DIRECT LABOR | \$1,596.98 |

MULTIPLIERS

| | | | |
|------------------------------|---------|--|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$39.92 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$1,198.21 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$1,769.49 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$460.46 |
| TOTAL MULTIPLIERS | | | \$3,468.09 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|---------------------|----------|------|---|-----------|----------|
| Mileage and Travel | 1 | LS | @ | \$70.00 | \$70.00 |
| Miscellaneous (EDR) | 1 | LS | @ | \$200.00 | \$200.00 |

TOTAL ODC'S \$270.00

TOTAL \$5,335.07

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Chuckwalla Valley Road over Aztec Ditch [Br. No. 56C0102, FPN BRLO-5956(239)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|--------------------------|---|-----------|---------------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | | \$86.67 | |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 14 | @ \$63.76 | \$892.64 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | | \$50.87 | |
| | Senior Project Manager | | \$48.90 | |
| | Project Manager | | \$35.40 | |
| | Staff Engineer | 20 | @ \$28.36 | \$567.20 |
| | Technician Geotechnical Laboratory | | \$23.00 | |
| | Technician Hazardous Materials | | \$27.78 | |
| | CADD | | \$32.56 | |
| | Administrator | | \$25.28 | |
| TOTAL HOURS | | 34 | TOTAL DIRECT LABOR | \$1,459.84 |

MULTIPLIERS

| | | | |
|------------------------------|---------|--|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$36.50 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$1,095.32 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$1,617.54 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$420.92 |
| TOTAL MULTIPLIERS | | | \$3,170.27 |

OTHER DIRECT COSTS

*** Billed at Actual Cost ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|---------------------|----------|------|-----------|--------|
| Mileage and Travel | | LS | | |
| Miscellaneous (EDR) | | LS | | |

TOTAL ODC'S

TOTAL **\$4,630.11**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|---|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Geotechnical and ISA | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|-----------|---|--------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | 1 | @ | \$86.67 | \$86.67 |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 26 | @ | \$63.76 | \$1,657.76 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | 1 | @ | \$50.87 | \$50.87 |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | 10 | @ | \$35.40 | \$354.00 |
| | Staff Engineer | 32 | @ | \$28.36 | \$907.52 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 70 | | TOTAL DIRECT LABOR | \$3,056.82 |

MULTIPLIERS

| | | | |
|------------------------------|---------|--|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$76.42 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$2,293.53 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$3,387.03 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$881.38 |
| TOTAL MULTIPLIERS | | | \$6,638.37 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|---------------------|----------|------|---|-----------|----------|
| Mileage and Travel | 1 | LS | @ | \$70.00 | \$70.00 |
| Miscellaneous (EDR) | 1 | LS | | \$200.00 | \$200.00 |

TOTAL ODC'S **\$270.00**

TOTAL **\$9,965.19**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Tarantula Ditch [Br. No. 56C0103, FPN BRLO-5956(227)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|-----------|---|---------------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | 1 | @ | \$86.67 | \$86.67 |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 12 | @ | \$63.76 | \$765.12 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | 1 | @ | \$50.87 | \$50.87 |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | 10 | @ | \$35.40 | \$354.00 |
| | Staff Engineer | 12 | @ | \$28.36 | \$340.32 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 36 | | TOTAL DIRECT LABOR | \$1,596.98 |

MULTIPLIERS

| | | | |
|------------------------------|---------|--|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$39.92 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$1,198.21 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$1,769.49 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$460.46 |
| TOTAL MULTIPLIERS | | | \$3,468.09 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|---------------------|----------|------|---|-----------|-----------------|
| Mileage and Travel | 1 | LS | @ | \$70.00 | \$70.00 |
| Miscellaneous (EDR) | 1 | LS | @ | \$200.00 | \$200.00 |
| TOTAL ODC'S | | | | | \$270.00 |

TOTAL **\$5,335.07**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|---|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Geotechnical and ISA | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|-----------|---|--------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | 1 | @ | \$86.67 | \$86.67 |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 26 | @ | \$63.76 | \$1,657.76 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | 1 | @ | \$50.87 | \$50.87 |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | 10 | @ | \$35.40 | \$354.00 |
| | Staff Engineer | 32 | @ | \$28.36 | \$907.52 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 70 | | TOTAL DIRECT LABOR | \$3,056.82 |

MULTIPLIERS

| | | | |
|------------------------------|---------|--|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$76.42 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$2,293.53 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$3,387.03 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$881.38 |
| TOTAL MULTIPLIERS | | | \$6,638.37 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|---------------------|----------|------|---|-----------|-----------------|
| Mileage and Travel | 1 | LS | @ | \$70.00 | \$70.00 |
| Miscellaneous (EDR) | 1 | LS | | \$200.00 | \$200.00 |
| TOTAL ODC'S | | | | | \$270.00 |

TOTAL **\$9,965.19**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|-----------|---|---------------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | 1 | @ | \$86.67 | \$86.67 |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 12 | @ | \$63.76 | \$765.12 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | 1 | @ | \$50.87 | \$50.87 |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | 10 | @ | \$35.40 | \$354.00 |
| | Staff Engineer | 12 | @ | \$28.36 | \$340.32 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 36 | | TOTAL DIRECT LABOR | \$1,596.98 |

MULTIPLIERS

| | | | |
|------------------------------|---------|--|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$39.92 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$1,198.21 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$1,769.49 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$460.46 |
| TOTAL MULTIPLIERS | | | \$3,468.09 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|---------------------|----------|------|---|-----------|-----------------|
| Mileage and Travel | 1 | LS | @ | \$70.00 | \$70.00 |
| Miscellaneous (EDR) | 1 | LS | @ | \$200.00 | \$200.00 |
| TOTAL ODC'S | | | | | \$270.00 |

TOTAL **\$5,335.07**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Chuckwalla Valley Road over Sutro Ditch [Br. No. 56C0104, FPN BRLO-5956(226)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|--------------------------|---|-----------|---------------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | | \$86.67 | |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 14 | @ \$63.76 | \$892.64 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | | \$50.87 | |
| | Senior Project Manager | | \$48.90 | |
| | Project Manager | | \$35.40 | |
| | Staff Engineer | 20 | @ \$28.36 | \$567.20 |
| | Technician Geotechnical Laboratory | | \$23.00 | |
| | Technician Hazardous Materials | | \$27.78 | |
| | CADD | | \$32.56 | |
| | Administrator | | \$25.28 | |
| TOTAL HOURS | | 34 | TOTAL DIRECT LABOR | \$1,459.84 |

MULTIPLIERS

| | | | |
|------------------------------|---------|--|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$36.50 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$1,095.32 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$1,617.54 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$420.92 |
| TOTAL MULTIPLIERS | | | \$3,170.27 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|---------------------|----------|------|-----------|--------|
| Mileage and Travel | | LS | | |
| Miscellaneous (EDR) | | LS | | |

TOTAL ODC'S

TOTAL **\$4,630.11**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|---|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Geotechnical and ISA | PHASE: All Phases |
| PROJECT: Replacement of Chuckwalla Valley Road over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|-----------|---|--------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | 1 | @ | \$86.67 | \$86.67 |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 26 | @ | \$63.76 | \$1,657.76 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | 1 | @ | \$50.87 | \$50.87 |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | 10 | @ | \$35.40 | \$354.00 |
| | Staff Engineer | 32 | @ | \$28.36 | \$907.52 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 70 | | TOTAL DIRECT LABOR | \$3,056.82 |

MULTIPLIERS

| | | | |
|------------------------------|---------|--|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$76.42 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$2,293.53 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$3,387.03 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$881.38 |
| TOTAL MULTIPLIERS | | | \$6,638.37 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|---------------------|----------|------|---|-----------|-----------------|
| Mileage and Travel | 1 | LS | @ | \$70.00 | \$70.00 |
| Miscellaneous (EDR) | 1 | LS | @ | \$200.00 | \$200.00 |
| TOTAL ODC'S | | | | | \$270.00 |

TOTAL **\$9,965.19**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Preliminary Engineering & Environmental Documentation | PHASE: Phase I |
| PROJECT: Replacement of Chuckwalla Valley Road over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | | RATE | AMOUNT |
|--------------------------|---|-----------|---|---------------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | 1 | @ | \$86.67 | \$86.67 |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 12 | @ | \$63.76 | \$765.12 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | 1 | @ | \$50.87 | \$50.87 |
| | Senior Project Manager | | | \$48.90 | |
| | Project Manager | 10 | @ | \$35.40 | \$354.00 |
| | Staff Engineer | 12 | @ | \$28.36 | \$340.32 |
| | Technician Geotechnical Laboratory | | | \$23.00 | |
| | Technician Hazardous Materials | | | \$27.78 | |
| | CADD | | | \$32.56 | |
| | Administrator | | | \$25.28 | |
| TOTAL HOURS | | 36 | | TOTAL DIRECT LABOR | \$1,596.98 |

MULTIPLIERS

| | | | |
|------------------------------|---------|--|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$39.92 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$1,198.21 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$1,769.49 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$460.46 |
| TOTAL MULTIPLIERS | | | \$3,468.09 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | | UNIT COST | AMOUNT |
|---------------------|----------|------|---|-----------|----------|
| Mileage and Travel | 1 | LS | @ | \$70.00 | \$70.00 |
| Miscellaneous (EDR) | 1 | LS | @ | \$200.00 | \$200.00 |

TOTAL ODC'S **\$270.00**

TOTAL **\$5,335.07**

SUBCONSULTANT FEE PROPOSAL WORKSHEET

| | | |
|---|--|-----------------------------------|
| COMPANY: Group Delta Consultants | SCOPE OF WORK: Plans, Specifications & Estimate (PS&E) | PHASE: Phase II |
| PROJECT: Replacement of Chuckwalla Valley Road over Acari Ditch [Br. No. 56C0108, FPN BRLO-5956(225)] | | DATE: November 10, 2025 |

DIRECT LABOR

| PERSONNEL | POSITION | HOURS | RATE | AMOUNT |
|--------------------------|---|-----------|---------------------------|-------------------|
| Shah Ghanbari, P.E. | Principal Geotechnical Engineer | | \$111.43 | |
| Glenn Burks, Ph.D., P.E. | Principal Environmental Engineer | | \$86.67 | |
| Curt Scheyhing, G.E. | Project Manager/Principal Geotechnical Engineer | 14 | @ \$63.76 | \$892.64 |
| Jack Packwood, CIH | Associate (Environmental) (Project Engineer) | | \$50.87 | |
| | Senior Project Manager | | \$48.90 | |
| | Project Manager | | \$35.40 | |
| | Staff Engineer | 20 | @ \$28.36 | \$567.20 |
| | Technician Geotechnical Laboratory | | \$23.00 | |
| | Technician Hazardous Materials | | \$27.78 | |
| | CADD | | \$32.56 | |
| | Administrator | | \$25.28 | |
| TOTAL HOURS | | 34 | TOTAL DIRECT LABOR | \$1,459.84 |

MULTIPLIERS

| | | | |
|------------------------------|---------|--|-------------------|
| ESCALATION @ | 2.50% | (of Direct Labor) | \$36.50 |
| FRINGE BENEFIT @ | 73.20% | (of Direct Labor + Escalation) | \$1,095.32 |
| GENERAL AND ADMINISTRATIVE @ | 108.10% | (of Direct Labor + Escalation) | \$1,617.54 |
| PROFIT (FIXED FEE) @ | 10.0% | (of Direct Labor + Escalation + Overhead) | \$420.92 |
| TOTAL MULTIPLIERS | | | \$3,170.27 |

OTHER DIRECT COSTS

*** Billed at Actual Cost (See ODC Cost Estimate Work Sheet) ***

| ITEM | QUANTITY | UNIT | UNIT COST | AMOUNT |
|---------------------|----------|------|-----------|--------|
| Mileage and Travel | | LS | | |
| Miscellaneous (EDR) | | LS | | |

TOTAL ODC'S

TOTAL **\$4,630.11**

RAILROAD AVENUE BRIDGE REPLACEMENT VICINITY MAP



CHUCKWALLA VALLEY ROAD BRIDGE REPLACEMENT VICINITY MAP

