

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



**ITEM: 3.100
(ID # 25180)**

MEETING DATE:
Tuesday, August 27, 2024

FROM : TLMA-TRANSPORTATION

SUBJECT: TRANSPORTATION AND LAND MANAGEMENT AGENCY/TRANSPORTATION:
Approval of the On-Call Services Agreement by and between the County of Riverside and Kleinfelder, Inc. for Geotechnical and Materials Testing for FY 24/25 – 28/29. All Districts. [\$2,500,000 Total Cost – Capital Funds and Deposit-Based Fees 100%]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve the On-Call Services Agreement between the County of Riverside and Kleinfelder, Inc. for Geotechnical and Materials Testing Services for Fiscal Years 24/25 – 28/29 and authorize the Chairman of the Board to execute the same; and
2. Authorize the Director of Transportation to approve a no-cost time extension to complete ongoing tasks for Fiscal Years 29/30 – 30/31, as provided for in the agreement and approved as to form by County Counsel.

ACTION:Policy


Dennis Acuna, Director of Transportation 8/12/2024

MINUTES OF THE BOARD OF SUPERVISORS

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

Ayes: Jeffries, Spiegel, Washington, Perez and Gutierrez
Nays: None
Absent: None
Date: August 27, 2024
xc: Trans.

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	\$ 500,000	\$ 500,000	\$ 2,500,000	\$ 0
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0
SOURCE OF FUNDS: Capital Funds and Deposit Based Fees (100%) There are no General Funds used on this project.			Budget Adjustment: N/A	
			For Fiscal Year: 24/25-28/29	

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

The County of Riverside Transportation Department (County) requires outside geotechnical and materials testing support services to deliver numerous road improvement projects identified and funded in the Transportation Improvement Program (TIP) and to meet the demands of the development community.

The County issued a Request for Qualifications in compliance with the California Department of Transportation (Caltrans) Local Assistance Procedures Manual. Seven (7) firms submitted Statement of Qualifications. The SOQs were reviewed by the selection committee, and all (7) qualified firms were interviewed, and the top five (5) ranked firms were selected for providing on-call engineering services.

Kleinfelder, Inc. was selected as one of the top-ranked firms to provide services on an 'as-needed' basis, with an estimated total amount not to exceed \$2,500,000 for a period of five years. The contract and rates for services were developed through negotiations between Kleinfelder, Inc. and the County. This on-call contract includes State requirements to maximize flexibility for use on State-funded projects. Additional contracts with four other engineering firms for on-call services will be presented on a separate agenda item. Entering into contracts with five different firms allows for the greatest flexibility in managing the County's workload.

Impact on Residents and Businesses

This on-call contract provides the flexibility needed to engage consultants in providing additional geotechnical and materials testing services necessary to deliver critical TIP projects and to meet the demands of the development community.

Additional Fiscal Information

All associated contract cost will be funded using Deposit Based Fees, Local or State Funds. No General Funds will be used for this contract.

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

Contract Term	Annual Budget
F.Y. 2024/2025	\$500,000
F.Y. 2025/2026	\$500,000
F.Y. 2026/2027	\$500,000
F.Y. 2027/2028	\$500,000
F.Y. 2028/2029	\$500,000
Total Contract Budget	\$2,500,000

Contract History and Price Reasonableness

The Transportation Department has negotiated billing rates with Kleinfelder, Inc., and they are within the range of acceptable industry practices for engineering services.

ATTACHMENTS:

On-Call Services Agreement for Geotechnical and Materials Testing with Kleinfelder, Inc.


Jason Farin, Principal Management Analyst 8/22/2024


Aaron Gettis, Chief of Deputy County Counsel 8/21/2024

Contract No.: 24-01-009
Termination Date: 06/30/2029
Amount \$2,500,000
Authorized: [No]
Federal Funding: [Yes]
State Funding:

ON-CALL SERVICES AGREEMENT

for

GEOTECHNICAL AND MATERIALS TESTING

between

County of Riverside • Transportation Department

and

Kleinfelder, Inc.



AUG 27 2024

3.100

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ATTACHMENTS

In the event that the terms in any of the Attachments conflicts with the terms as provided in the Agreement, the terms of the Agreement shall prevail.

Scope of Services.....A1
Schedule of Services..... B1
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1 **ARTICLE I INTRODUCTION**

2 A. This On-Call Services Agreement (hereinafter referred to as "Agreement") is entered into this _____ day of
3 _____, 20_____, by and between the COUNTY OF RIVERSIDE, a political subdivision of the
4 State of California, (hereinafter referred to as "COUNTY") and KLEINFELDER, INC., a California corporation,
5 (hereinafter referred to as "CONSULTANT").

6 B. Coordination of CONSULTANT and COUNTY activities shall be accomplished through a CONSULTANT
7 Project Manager and a COUNTY Contract Administrator.

8 The CONSULTANT Project Manager shall be:

9 Dany Hanna, PE

10 Located at:

11 2280 Market Street, Suite 300, Riverside, CA 92501

12 The COUNTY Contract Administrator shall be:

13 Elmer Datuin, PE

14 Located at:

15 2950 Washington Street, Riverside, CA 92504

16 C. CONSULTANT shall perform:

17 The covenants set forth in Article III entitled Statement of Work.

18 In accordance with the time frames set forth in Article IV entitled Performance Period.

19 For the fees set forth in Article V entitled Allowable Costs and Payments.

20 D. CONSULTANT in the performance of this Agreement, shall act in an independent capacity. It is understood
21 and agreed that CONSULTANT (including CONSULTANT's employees) is an independent contractor, and
22 that no relationship of employer-employee exists between the parties hereto. CONSULTANT's assigned
23 personnel shall not be entitled to any benefits payable to employees of COUNTY. During the term of this
24 Agreement and for one (1) year thereafter, CONSULTANT shall not solicit or encourage any employee,
25 vendor or independent contractor of COUNTY to leave or terminate their relationship with COUNTY for any
26 reason.

27 E. COUNTY is not required to make any deductions or withholdings from the compensation payable to
28 CONSULTANT under the provisions of the Agreement and is not required to issue W-2 Forms for income and
29 employment tax purposes for any of CONSULTANT's assigned personnel. CONSULTANT, in the

1 performance of its obligations hereunder, is only subject to the control or direction of the COUNTY as to the
2 designation of tasks to be performed and the results to be accomplished.

3 F. Any third-party person(s) employed by CONSULTANT shall be entirely and exclusively under the direction,
4 supervision, and control of CONSULTANT. CONSULTANT hereby indemnifies and holds COUNTY harmless
5 from any and all claims that may be made against COUNTY based upon any contention by any third party
6 that an employer-employee relationship exists by reason of this Agreement.

7 G. Without the written consent of COUNTY, this Agreement is not assignable or transferable by CONSULTANT
8 either in whole or in part. Except as expressly authorized herein, CONSULTANT shall not subcontract any
9 work, without the prior written approval of the COUNTY.

10 H. CONSULTANT shall be as fully responsible to the COUNTY for the acts and omissions of its contractors and
11 subcontractors or subconsultants, and of persons either directly or indirectly employed by them, in the same
12 manner as persons directly employed by CONSULTANT.

13 I. No alteration or variation of the terms of this Agreement shall be valid, unless made in writing and signed by
14 the authorized representatives of both parties; and no oral understanding or agreement not incorporated
15 herein, shall be binding on any of the parties hereto.

16 J. The consideration to be paid to CONSULTANT as provided herein, shall be in compensation for all of
17 CONSULTANT's expenses incurred in the performance hereof, including travel and per diem, unless
18 otherwise expressly so provided.

19 K. COUNTY is designated as the lead agency for each project set forth in each Task Order and is working
20 cooperatively with other agencies in the effort to complete the projects.

21 L. Other public agencies that may be involved with the projects including, but not limited to cooperative, funding,
22 reviewing, regulatory or operating agencies are listed below and will hereinafter be collectively referred to as
23 the "AGENCIES":

- 24 • California Department of Transportation (CALTRANS)
- 25 • Cities Departments of Transportation

26 **ARTICLE II CONSULTANT'S REPORTS OR MEETINGS**

27 A. To ensure understanding and performance of the Agreement objectives, meetings between COUNTY,
28 AGENCIES, and CONSULTANT shall be held as often as deemed necessary (typically at least monthly). All
29 work objectives, CONSULTANT's work schedule, the terms of the Agreement and any other related issues

1 will be discussed and/or resolved. CONSULTANT shall keep minutes of meetings and distribute copies of
2 minutes as appropriate. Progress reporting shall conform with the contract administration requirements of the
3 COUNTY's Consulting Services Manual including providing updated copies of the following documents at
4 each project coordination meeting:

- 5 • Meeting Agendas
- 6 • Meeting Sign-in Sheets
- 7 • Meeting Minutes (Prior Meeting)
- 8 • Action Items Tracking List
- 9 • Deliverables Tracking List
- 10 • Schedule Summary

- 11 B. CONSULTANT shall submit progress reports on each specific project in accordance with the Task Order.
12 These reports shall be submitted at least once a month. The report should be sufficiently detailed for the
13 COUNTY Contract Administrator to determine, if CONSULTANT is performing to expectations, or is on
14 schedule; to provide communication of interim findings, and to sufficiently address any difficulties or special
15 problems encountered, so remedies can be developed.
- 16 C. CONSULTANT Project Manager shall meet with COUNTY Contract Administrator, as needed, to discuss
17 progress on the project(s).

18 **ARTICLE III STATEMENT OF WORK**

19 CONSULTANT shall furnish all technical and professional services including labor, material, equipment,
20 transportation, supervision, and expertise to fully and adequately perform and complete the covenants set forth in
21 Attachment A, Scope of Services, which is attached hereto and incorporated herein by reference and in any Task
22 Order executed under the authority of this Agreement.

23 **ARTICLE IV PERFORMANCE PERIOD**

- 24 A. This Agreement shall go into effect upon the execution of this Agreement by both parties, and CONSULTANT
25 shall commence work after written notification to proceed by COUNTY Contract Administrator. The
26 Agreement shall end on June 30, 2029, unless extended by a written amendment signed by the authorized
27 representatives of both parties.
- 28 B. CONSULTANT is advised that any recommendation for Agreement award is not binding on COUNTY until the
29 Agreement is fully executed and approved by COUNTY.

1 C. The period of performance for each specific project shall be in accordance with the Task Order for that project
 2 and Attachment B, Schedule of Services, which is attached hereto and incorporated herein by reference. If
 3 work on a Task Order is in progress on the expiration date of this Agreement, the period of performance of
 4 this Agreement shall be extended by a written amendment signed by the authorized representatives of both
 5 parties prior to the expiration of the period of performance to cover the time needed to complete the Task
 6 Order in progress only. An amendment extending the period of performance of this Agreement to cover the
 7 time needed to complete a Task Order in progress may be signed by the Director of Transportation if
 8 authorized by the COUNTY Board of Supervisors.

9 **ARTICLE V ALLOWABLE COSTS AND PAYMENTS**

10 A. CONSULTANT will be reimbursed for hours worked at the hourly rates specified in the CONSULTANT's
 11 approved Compensation Plan set forth in Attachment C, Compensation Plan, which is attached hereto and
 12 incorporated herein by reference. The specified hourly rates shall include direct salary costs, employee
 13 benefits, prevailing wages, employer payments, overhead, and fee. These rates are not adjustable for the
 14 period of performance set forth in this Agreement.

15 B. In addition, CONSULTANT will be reimbursed for incurred (actual) direct costs other than salary costs that are
 16 in the approved Compensation Plan and identified in the executed Task Order.

17 C. Specific projects will be assigned to CONSULTANT through issuance of Task Orders.

18 D. After a project to be performed under this Agreement is identified by COUNTY, COUNTY will prepare a draft
 19 Task Order, less the cost estimate. A draft Task Order will identify the scope of services, expected results,
 20 project deliverables, period of performance, project schedule and will designate the COUNTY Contract
 21 Administrator. The draft Task Order will be delivered to CONSULTANT for review. CONSULTANT shall return
 22 the draft Task Order within ten (10) calendar days along with a Cost Estimate, including a written estimate of
 23 the number of hours and hourly rates per staff person, any anticipated reimbursable expenses, overhead, fee
 24 if any, and total dollar amount. After agreement has been reached on the negotiable items and total cost; the
 25 finalized Task Order shall be signed by the authorized representatives of both COUNTY and CONSULTANT.
 26 Task Orders may be executed by the Director of Transportation if authorized by the COUNTY Board of
 27 Supervisors.

28 E. Task Orders may be negotiated for a lump sum (Firm Fixed Price) or for specific rates of compensation, both
 29 of which must be based on the labor and other rates set forth in CONSULTANT's approved Compensation

1 Plan. CONSULTANT shall be responsible for any future adjustments to prevailing wage rates including, but
2 not limited to, base hourly rates and employer payments as determined by the Department of Industrial
3 Relations. CONSULTANT is responsible for paying the appropriate rate, including escalations that take place
4 during the period of performance of the Agreement.

5 F. Reimbursement for transportation and subsistence costs shall not exceed the rates as specified in the
6 approved Compensation Plan. CONSULTANT will be responsible for transportation and subsistence costs in
7 excess of State rates.

8 G. When milestone cost estimates are included in the approved Compensation Plan, CONSULTANT shall obtain
9 prior written approval in the form of a written amendment signed by the authorized representatives of both
10 parties for a revised milestone cost estimate from the COUNTY Contract Administrator before exceeding such
11 estimate.

12 H. Progress payments for each Task Order will be made monthly in arrears based on services provided and
13 actual costs incurred.

14 I. CONSULTANT shall not commence performance of work or services until this Agreement has been approved
15 by COUNTY and notification to proceed has been issued by COUNTY Contract Administrator. No payment
16 will be made prior to approval or for any work performed prior to approval of this Agreement.

17 J. A Task Order is of no force or effect until returned to COUNTY and signed by an authorized representative of
18 COUNTY. No expenditures are authorized on a project and work shall not commence until a Task Order for
19 that project has been executed by COUNTY.

20 K. CONSULTANT will be reimbursed, as promptly as fiscal procedures will permit, upon receipt by COUNTY
21 Contract Administrator of itemized invoices in duplicate. Separate invoices itemizing all costs are required for
22 all work performed under each Task Order. Invoices shall be submitted no later than thirty (30) calendar days
23 after the performance of work for which CONSULTANT is billing, or upon completion of the Task Order.
24 Invoices shall detail the work performed on each milestone, on each project as applicable. Invoices shall
25 follow the format stipulated for the approved Compensation Plan using the Project-Specific & Multi-Phase
26 Contract Invoice Templates provided in the COUNTY Consulting Services Manual and shall reference this
27 Agreement number, project title and Task Order number. Credits due COUNTY that includes any equipment
28 purchased under the provisions of Article XI Equipment Purchase and Other Capital Expenditures, must be
29 reimbursed by CONSULTANT prior to the expiration or termination of this Agreement. Final invoice must

1 contain the final cost and all credits due COUNTY including any equipment purchased under the provisions of
2 Article XI Equipment Purchase and Other Capital Expenditures of this Agreement. The final invoice shall be
3 submitted within sixty (60) calendar days after completion of CONSULTANT's work. **Final invoices not**
4 **submitted within sixty (60) calendar days after completion of CONSULTANT's work will not be paid.**

5 Invoices shall be mailed to COUNTY Contract Administrator at the address provided in Article I, paragraph B.

6 L. The period of performance for Task Orders shall be in accordance with dates specified in the Task Order and
7 Attachment B, Schedule of Services. No Task Order will be written which extends beyond the expiration date
8 of this Agreement.

9 M. The total amount payable by COUNTY for an individual Task Order shall not exceed the amount agreed to in
10 the Task Order, unless authorized by a written amendment signed by the authorized representatives of both
11 parties.

12 N. If CONSULTANT fails to satisfactorily complete a deliverable according to the schedule set forth in a Task
13 Order, no payment will be made until the deliverable has been satisfactorily completed.

14 O. Task Orders may not be used to amend the language (or the terms) of this Agreement nor to exceed the
15 scope of services under this Agreement.

16 P. The total amount payable by COUNTY for all Task Orders resulting from this Agreement shall not exceed
17 \$2,500,000. It is understood and agreed that there is no guarantee, either expressed or implied that this dollar
18 amount will be authorized under this Agreement through Task Orders.

19 Q. The services included under the terms of this Agreement are funded in whole or in part as noted below:

20 Federal funds: are included are not included

21 State funds: are included are not included

22 **ARTICLE VI TERMINATION**

23 A. This Agreement may be terminated by COUNTY, provided that COUNTY gives not less than thirty (30)
24 calendar days' written notice (delivered by certified mail, return receipt requested) to CONSULTANT of
25 COUNTY's termination. Upon termination, COUNTY may proceed with the work in any manner deemed
26 proper by COUNTY. COUNTY shall be entitled to all work, including but not limited to, reports, investigations,
27 appraisals, inventories, studies, analyses, drawings and date estimates performed to that date, whether
28 complete or not.

29 B. COUNTY may temporarily suspend this Agreement, at no additional cost to COUNTY, provided that

1 CONSULTANT is given written notice (delivered by certified mail, return receipt requested) of temporary
2 suspension. If COUNTY gives such notice of temporary suspension, CONSULTANT shall immediately
3 suspend its activities under this Agreement. A temporary suspension may be issued concurrent with the
4 notice of termination.

5 C. Notwithstanding any provisions of this Agreement, CONSULTANT shall not be relieved of liability to COUNTY
6 for damages sustained by COUNTY by virtue of any breach of this Agreement by CONSULTANT, and
7 COUNTY may withhold any payments due to CONSULTANT until such time as the exact amount of
8 damages, if any, due to COUNTY from CONSULTANT is determined.

9 D. In the event of termination, COUNTY shall pay CONSULTANT the sum due to CONSULTANT under this
10 Agreement prior to termination, unless the cost of completion to COUNTY exceeds the funds remaining in the
11 Agreement. In which case the overage shall be deducted from any sum due CONSULTANT under this
12 Agreement and the balance, if any, shall be paid to CONSULTANT upon demand.

13 **ARTICLE VII COST PRINCIPLES AND ADMINISTRATIVE REQUIREMENTS**

14 A. The CONSULTANT agrees that 48 CFR 31, Contract Cost Principles and Procedures, shall be used to
15 determine the allowability of individual terms of cost.

16 B. The CONSULTANT also agrees to comply with federal procedures in accordance with 2 CFR 200, Uniform
17 Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards.

18 C. Any costs for which payment has been made to CONSULTANT that are determined by subsequent audit to
19 be unallowable under 48 CFR 31 or 2 CFR 200 are subject to repayment by CONSULTANT to COUNTY.

20 **ARTICLE VIII RETENTION OF RECORDS/AUDIT**

21 The CONSULTANT, subconsultants, and COUNTY shall maintain and make available for inspection all books,
22 documents, papers, accounting records, independent CPA Audited Indirect Cost Rate workpapers, and other
23 evidence pertaining to the performance of the Agreement including, but not limited to, the costs of administering
24 the Agreement. All parties, including the CONSULTANT's Independent CPA, shall make such workpapers and
25 materials available at their respective offices at all reasonable times during the Agreement period and for three (3)
26 years from the date of final payment under the Agreement and records for real property and equipment acquired
27 with federal funds must be retained for three (3) years after final disposition. COUNTY, Caltrans Auditor, FHWA,
28 or any duly authorized representative of the federal government having jurisdiction under federal laws or
29 regulations (including the basis of federal funding in whole or in part) shall have access to any books, records,

1 and documents of the CONSULTANT, subconsultants, and the CONSULTANT's Independent CPA, that are
2 pertinent to the Agreement for audits, examinations, workpaper review, excerpts, and transactions, and copies
3 thereof shall be furnished if requested without limitation.

4 **ARTICLE IX AUDIT REVIEW PROCEDURES**

5 A. Any dispute concerning a question of fact arising under an interim or post audit of this Agreement that is not
6 disposed of by agreement, shall be reviewed by COUNTY's Chief Financial Officer.

7 B. Not later than thirty (30) days after issuance of the final audit report, CONSULTANT may request a review by
8 COUNTY's Chief Financial Officer of unresolved audit issues. The request for review will be submitted in
9 writing.

10 C. Neither the pendency of a dispute nor its consideration by COUNTY will excuse CONSULTANT from full and
11 timely performance, in accordance with the terms of this Agreement.

12 D. CONSULTANT and subconsultant agreements, including Cost Proposals and Indirect Cost Rates (ICR), may
13 be subject to audits or reviews such as, but not limited to, an agreement audit, an incurred cost audit, an ICR
14 Audit, or a CPA ICR audit work paper review. If selected for audit or review, the Agreement, Cost Proposal
15 and ICR and related work papers, if applicable, will be reviewed to verify compliance with 48 CFR 31 and
16 other related laws and regulations. In the instances of a CPA ICR audit work paper review, it is
17 CONSULTANT's responsibility to ensure federal, state, or local government officials are allowed full access to
18 the CPA's work papers including making copies as necessary. The Agreement, Cost Proposal, and ICR shall
19 be adjusted by CONSULTANT and approved by COUNTY Contract Administrator to conform to the audit or
20 review recommendations. CONSULTANT agrees that individual terms of costs identified in the audit report
21 shall be incorporated into the Agreement by this reference if directed by COUNTY at its sole discretion.
22 Refusal by CONSULTANT to incorporate audit or review recommendations, or to ensure that the federal,
23 state or local governments have access to CPA work papers, will be considered a breach of Agreement terms
24 and cause for termination of this Agreement and disallowance of prior reimbursed costs.

25 E. CONSULTANT's Cost Proposal may be subject to a CPA ICR Audit Work Paper Review and/or audit by the
26 Independent Office of Audits and Investigations (IOAI). IOAI, at its sole discretion, may review and/or audit
27 and approve the CPA ICR documentation. The Cost Proposal shall be adjusted by the CONSULTANT and
28 approved by the COUNTY Contract Administrator to conform to the Work Paper Review recommendations
29 included in the management letter or audit recommendations included in the audit report. Refusal by the

CONSULTANT to incorporate the Work Paper Review recommendations included in the management letter or audit recommendations included in the audit report will be considered a breach of the Agreement terms and cause for termination of the Agreement and disallowance of prior reimbursed costs.

1. During IOAI's review of the ICR audit work papers created by the CONSULTANT's independent CPA, IOAI will work with the CPA and/or CONSULTANT toward a resolution of issues that arise during the review. Each party agrees to use its best efforts to resolve any audit disputes in a timely manner. If IOAI identifies significant issues during the review and is unable to issue a cognizant approval letter, COUNTY will reimburse the CONSULTANT at an accepted ICR until a FAR (Federal Acquisition Regulation) compliant ICR {e.g. 48 CFR, Part 31; GAGAS (Generally Accepted Auditing Standards); CAS (Cost Accounting Standards), if applicable; in accordance with procedures and guidelines of the American Association of State Highways and Transportation Officials (AASHTO) Audit Guide; and other applicable procedures and guidelines} is received and approved by IOAI. Accepted rates will be as follows:

- a. If the proposed rate is less than one hundred fifty percent (150%) - the accepted rate reimbursed will be ninety percent (90%) of the proposed rate.
- b. If the proposed rate is between one hundred fifty percent (150%) and two hundred percent (200%) - the accepted rate will be eighty-five percent (85%) of the proposed rate.
- c. If the proposed rate is greater than two hundred percent (200%) - the accepted rate will be seventy-five percent (75%) of the proposed rate.

2. If IOAI is unable to issue a cognizant letter per Article IX.E.1. above, IOAI may require CONSULTANT to submit a revised independent CPA-audited ICR and audit report within three (3) months of the effective date of the management letter. IOAI will then have up to six (6) months to review the CONSULTANT's and/or the independent CPA's revisions.

3. If the CONSULTANT fails to comply with the provisions of this Article IX.E, or if IOAI is still unable to issue a cognizant approval letter after the revised independent CPA audited ICR is submitted, overhead cost reimbursement will be limited to the accepted ICR that was established upon initial rejection of the ICR and set forth in Article IX.E.1. above for all rendered services. In this event, this accepted ICR will become the actual and final ICR for reimbursement purposes under this Agreement.

4. CONSULTANT may submit to COUNTY final invoice only when all of the following items have occurred:
 (1) IOAI accepts or rejects the original or revised independent CPA audited ICR; (2) all work under this

1 Agreement has been completed to the satisfaction of COUNTY; and (3) IOAI has issued its final ICR
2 review letter. The CONSULTANT MUST SUBMIT ITS FINAL INVOICE TO COUNTY no later than sixty
3 (60) days after occurrence of the last of these items. The accepted ICR will apply to this Agreement and
4 all other agreements executed between COUNTY and the CONSULTANT, either as a prime or
5 subconsultant, with the same fiscal period ICR.
6

7 **ARTICLE X SUBCONTRACTING**

- 8 A. Nothing contained in this Agreement or otherwise, shall create any contractual relation between COUNTY
9 and any subconsultant(s), and no sub agreement shall relieve CONSULTANT of its responsibilities and
10 obligations hereunder. CONSULTANT agrees to be as fully responsible to COUNTY for the acts and
11 omissions of its subconsultant(s) and of persons either directly or indirectly employed by any of them as it is
12 for the acts and omissions of persons directly employed by CONSULTANT. CONSULTANT's obligation to
13 pay its subconsultant(s) is an independent obligation from COUNTY's obligation to make payments to the
14 CONSULTANT.
- 15 B. CONSULTANT shall perform the work contemplated with resources available within its own organization and
16 no portion of the work shall be subcontracted without written authorization by COUNTY Contract
17 Administrator, except that which is expressly identified in the CONSULTANT's Cost Proposal.
- 18 C. Any sub agreement entered into as a result of this Agreement, shall contain all the provisions stipulated in this
19 entire Agreement to be applicable to subconsultants unless otherwise noted.
- 20 D. CONSULTANT shall pay its subconsultants within ten (10) calendar days from receipt of each payment made
21 to CONSULTANT by COUNTY.
- 22 E. Any substitution of subconsultants must be approved in writing by COUNTY Contract Administrator in
23 advance of assigning work to a substitute subconsultant.

24 **ARTICLE XI EQUIPMENT PURCHASE AND OTHER CAPITAL EXPENDITURES**

- 25 A. Prior authorization in writing by COUNTY Contract Administrator shall be required before CONSULTANT
26 enters into any unbudgeted purchase order, or subcontract exceeding five thousand dollars (\$5,000) for
27 supplies, equipment, or CONSULTANT services. CONSULTANT shall provide an evaluation of the necessity
28 or desirability of incurring such costs.
- 29 B. For purchase of any item, service or consulting work not covered in CONSULTANT's approved Cost Proposal

1 and exceeding five thousand dollars (\$5,000), with prior authorization by COUNTY Contract Administrator,
2 three competitive quotations must be submitted with the request, or the absence of quotations must be
3 adequately justified.

- 4 C. Any equipment purchased with funds provided under the terms of this Agreement is subject to the following:
- 5 1. CONSULTANT shall maintain an inventory of all nonexpendable property. Nonexpendable property is
6 defined as having a useful life of at least two years and an acquisition cost of five thousand dollars
7 (\$5,000) or more. If the purchased equipment needs replacement and is sold or traded in, COUNTY shall
8 receive a proper refund or credit at the conclusion of the Agreement, or if the Agreement is terminated,
9 CONSULTANT may either keep the equipment and credit COUNTY in an amount equal to its fair market
10 value, or sell such equipment at the best price obtainable at a public or private sale, in accordance with
11 established COUNTY procedures; and credit COUNTY in an amount equal to the sales price. If
12 CONSULTANT elects to keep the equipment, fair market value shall be determined at CONSULTANT's
13 expense, on the basis of a competent independent appraisal of such equipment. Appraisals shall be
14 obtained from an appraiser mutually agreeable to by COUNTY and CONSULTANT, if it is determined to
15 sell the equipment, the terms and conditions of such sale must be approved in advance by COUNTY.
 - 16 2. Regulation 2 CFR 200 requires a credit to federal funds when participating equipment with a fair market
17 value greater than five thousand dollars (\$5,000) is credited to the project.

18 **ARTICLE XII STATE PREVAILING WAGE RATES**

- 19 A. No CONSULTANT or subconsultant may be awarded an agreement containing public work elements unless
20 registered with the Department of Industrial Relations (DIR) pursuant to Labor Code §1725.5. Registration
21 with DIR must be maintained throughout the entire term of this Agreement, including any subsequent
22 amendments.
- 23 B. The CONSULTANT shall comply with all of the applicable provisions of the California Labor Code requiring
24 the payment of prevailing wages. The General Prevailing Wage Rate Determinations applicable to work under
25 this Agreement are available and on file with the Department of Transportation's Regional/District Labor
26 Compliance Officer (<https://dot.ca.gov/programs/construction/labor-compliance>). These wage rates are made
27 a specific part of this Agreement by reference pursuant to Labor Code §1773.2 and will be applicable to work
28 performed at a construction project site. Prevailing wages will be applicable to all inspection work performed
29 at COUNTY construction sites, at COUNTY facilities and at off-site locations that are set up by the

1 construction contractor or one of its subcontractors solely and specifically to serve COUNTY projects.
2 Prevailing wage requirements do not apply to inspection work performed at the facilities of vendors and
3 commercial materials suppliers that provide goods and services to the general public.

4 C. General Prevailing Wage Rate Determinations applicable to the projects may also be obtained from the
5 Department of Industrial Relations website at <http://www.dir.ca.gov>.

6 D. Payroll Records

7 1. Each CONSULTANT and subconsultant shall keep accurate certified payroll records and supporting
8 documents as mandated by Labor Code §1776 and as defined in 8 CCR §16000 showing the name,
9 address, social security number, work classification, straight time and overtime hours worked each day
10 and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other
11 employee employed by the CONSULTANT or subconsultant in connection with the public work. Each
12 payroll record shall contain or be verified by a written declaration that it is made under penalty of perjury,
13 stating both of the following:

14 a. The information contained in the payroll record is true and correct.

15 b. The employer has complied with the requirements of Labor Code §1771, §1811, and §1815 for
16 any work performed by his or her employees on the public works project.

17 2. The payroll records enumerated under paragraph (1) above shall be certified as correct by the
18 CONSULTANT under penalty of perjury. The payroll records and all supporting documents shall be made
19 available for inspection and copying by COUNTY representatives at all reasonable hours at the principal
20 office of the CONSULTANT. The CONSULTANT shall provide copies of certified payrolls or permit
21 inspection of its records as follows:

22 a. A certified copy of an employee's payroll record shall be made available for inspection or furnished
23 to the employee or the employee's authorized representative on request.

24 b. A certified copy of all payroll records enumerated in paragraph (1) above, shall be made available
25 for inspection or furnished upon request to a representative of COUNTY, the Division of Labor
26 Standards Enforcement and the Division of Apprenticeship Standards of the Department of
27 Industrial Relations. Certified payrolls submitted to COUNTY, the Division of Labor Standards
28 Enforcement and the Division of Apprenticeship Standards shall not be altered or obliterated by
29 the CONSULTANT.

1 c. The public shall not be given access to certified payroll records by the CONSULTANT. The
2 CONSULTANT is required to forward any requests for certified payrolls to the COUNTY Contract
3 Administrator by both email and regular mail on the business day following receipt of the request.

4 3. Each CONSULTANT shall submit a certified copy of the records enumerated in paragraph (1) above, to
5 the entity that requested the records within ten (10) calendar days after receipt of a written request.

6 4. Any copy of records made available for inspection as copies and furnished upon request to the public or
7 any public agency by COUNTY shall be marked or obliterated in such a manner as to prevent disclosure
8 of each individual's name, address, and social security number. The name and address of the
9 CONSULTANT or subconsultant performing the work shall not be marked or obliterated.

10 5. The CONSULTANT shall inform COUNTY of the location of the records enumerated under paragraph (1)
11 above, including the street address, city and county, and shall, within five (5) working days, provide a
12 notice of a change of location and address.

13 6. The CONSULTANT or subconsultant shall have ten (10) calendar days in which to comply subsequent to
14 receipt of written notice requesting the records enumerated in paragraph (1) above. In the event the
15 CONSULTANT or subconsultant fails to comply within the ten (10) day period, he or she shall, as a
16 penalty to COUNTY, forfeit one hundred dollars (\$100) for each calendar day, or portion thereof, for each
17 worker, until strict compliance is effectuated. Such penalties shall be withheld by COUNTY from
18 payments then due. CONSULTANT is not subject to a penalty assessment pursuant to this section due to
19 the failure of a subconsultant to comply with this section.

20 E. When prevailing wage rates apply, the CONSULTANT is responsible for verifying compliance with certified
21 payroll requirements. Invoice payment will not be made until the invoice is approved by the COUNTY
22 Contract Administrator.

23 F. Penalty

24 1. The CONSULTANT and any of its subconsultants shall comply with Labor Code §1774 and §1775.
25 Pursuant to Labor Code §1775, the CONSULTANT and any subconsultant shall forfeit to the COUNTY a
26 penalty of not more than two hundred dollars (\$200) for each calendar day, or portion thereof, for each
27 worker paid less than the prevailing rates as determined by the Director of DIR for the work or craft in
28 which the worker is employed for any public work done under the Agreement by the CONSULTANT or by
29 its subconsultant in violation of the requirements of the Labor Code and in particular, Labor Code §§1770

1 to 1780, inclusive.

- 2 2. The amount of this forfeiture shall be determined by the Labor Commissioner and shall be based on
 - 3 consideration of mistake, inadvertence, or neglect of the CONSULTANT or subconsultant in failing to pay
 - 4 the correct rate of prevailing wages, or the previous record of the CONSULTANT or subconsultant in
 - 5 meeting their respective prevailing wage obligations, or the willful failure by the CONSULTANT or
 - 6 subconsultant to pay the correct rates of prevailing wages. A mistake, inadvertence, or neglect in failing to
 - 7 pay the correct rates of prevailing wages is not excusable if the CONSULTANT or subconsultant had
 - 8 knowledge of the obligations under the Labor Code. The CONSULTANT is responsible for paying the
 - 9 appropriate rate, including any escalations that take place during the term of the Agreement.
- 10 3. In addition to the penalty and pursuant to Labor Code §1775, the difference between the prevailing wage
 - 11 rates and the amount paid to each worker for each calendar day or portion thereof for which each worker
 - 12 was paid less than the prevailing wage rate shall be paid to each worker by the CONSULTANT or
 - 13 subconsultant.
- 14 4. If a worker employed by a subconsultant on a public works project is not paid the general prevailing per
 - 15 diem wages by the subconsultant, the prime CONSULTANT of the project is not liable for the penalties
 - 16 described above unless the prime CONSULTANT had knowledge of that failure of the subconsultant to
 - 17 pay the specified prevailing rate of wages to those workers or unless the prime CONSULTANT fails to
 - 18 comply with all of the following requirements:
 - 19 a. The Agreement executed between the CONSULTANT and the subconsultant for the performance
 - 20 of work on public works projects shall include a copy of the requirements in Labor Code §§ 1771,
 - 21 1775, 1776, 1777.5, 1813, and 1815.
 - 22 b. The CONSULTANT shall monitor the payment of the specified general prevailing rate of per diem
 - 23 wages by the subconsultant to the employees by periodic review of the certified payroll records of
 - 24 the subconsultant.
 - 25 c. Upon becoming aware of the subconsultant's failure to pay the specified prevailing rate of wages
 - 26 to the subconsultant's workers, the CONSULTANT shall diligently take corrective action to halt or
 - 27 rectify the failure, including but not limited to, retaining sufficient funds due the subconsultant for
 - 28 work performed on the public works project.
 - 29 d. Prior to making final payment to the subconsultant for work performed on the public works project,

1 the CONSULTANT shall obtain an affidavit signed under penalty of perjury from the subconsultant
2 that the subconsultant had paid the specified general prevailing rate of per diem wages to the
3 subconsultant's employees on the public works project and any amounts due pursuant to Labor
4 Code §1813.

5 5. Pursuant to Labor Code §1775, COUNTY shall notify the CONSULTANT on a public works project within
6 fifteen (15) calendar days of receipt of a complaint that a subconsultant has failed to pay workers the
7 general prevailing rate of per diem wages.

8 6. If COUNTY determines that employees of a subconsultant were not paid the general prevailing rate of
9 per diem wages and if COUNTY did not retain sufficient money under the Agreement to pay those
10 employees the balance of wages owed under the general prevailing rate of per diem wages, the
11 CONSULTANT shall withhold an amount of moneys due the subconsultant sufficient to pay those
12 employees the general prevailing rate of per diem wages if requested by COUNTY.

13 G. Hours of Labor

14 Eight (8) hours labor constitutes a legal day's work. The CONSULTANT shall forfeit, as a penalty to the
15 COUNTY, twenty-five dollars (\$25) for each worker employed in the execution of the Agreement by the
16 CONSULTANT or any of its subconsultants for each calendar day during which such worker is required or
17 permitted to work more than eight (8) hours in any one calendar day and forty (40) hours in any one calendar
18 week in violation of the provisions of the Labor Code, and in particular §§1810 to 1815 thereof, inclusive,
19 except that work performed by employees in excess of eight (8) hours per day, and forty (40) hours during
20 any one week, shall be permitted upon compensation for all hours worked in excess of eight (8) hours per
21 day and forty (40) hours in any week, at not less than one and one-half (1.5) times the basic rate of pay, as
22 provided in §1815.

23 H. Employment of Apprentices

24 1. Where either the prime Agreement or the sub agreement exceeds thirty thousand dollars (\$30,000), the
25 CONSULTANT and any subconsultants under him or her shall comply with all applicable requirements of
26 Labor Code §§ 1777.5, 1777.6 and 1777.7 in the employment of apprentices.

27 2. CONSULTANTS and subconsultants are required to comply with all Labor Code requirements regarding
28 the employment of apprentices, including mandatory ratios of journey level to apprentice workers. Prior
29 to commencement of work, CONSULTANT and subconsultants are advised to contact the DIR Division

1 of Apprenticeship Standards website at <https://www.dir.ca.gov/das/>, for additional information regarding
 2 the employment of apprentices and for the specific journey-to- apprentice ratios for the Agreement work.
 3 The CONSULTANT is responsible for all subconsultants' compliance with these requirements. Penalties
 4 are specified in Labor Code §1777.7.

5 **ARTICLE XIII CONFLICT OF INTEREST**

6 A. CONSULTANT shall cause itself, its respective employees, agents, representatives, or independent
 7 contractors and its subconsultants as well as their respective employees, agents, representatives, or
 8 independent contractors to comply with all applicable conflict of interest laws and regulations, including but
 9 not limited to the Political Reform Act and California Government Code section
 10 1090. Furthermore, CONSULTANT shall cause itself, its respective employees, agents, representatives, or
 11 independent contractors and its subconsultants as well as their respective employees, agents,
 12 representatives, or independent contractors to comply with the COUNTY's Conflict of Interest
 13 Code. CONSULTANT further agrees to cause itself, its respective employees, agents, representatives, or
 14 independent contractors to complete any statements of economic interest if required by COUNTY or State
 15 law. Notwithstanding any other provision contained in this Agreement, for a breach or violation of this
 16 provision, COUNTY shall have the right to immediately terminate this Agreement without liability and seek any
 17 other remedy provided by law or equity or this Agreement.

18 B. During the term of this Agreement, the CONSULTANT shall disclose any financial, business, or other
 19 relationship with COUNTY that may have an impact upon the outcome of this Agreement or any ensuing
 20 COUNTY construction project. The CONSULTANT shall also list current clients who may have a financial
 21 interest in the outcome of this Agreement or any ensuing COUNTY construction project which will follow.

22 C. CONSULTANT certifies that it has disclosed to COUNTY any actual, apparent, or potential conflicts of interest
 23 that may exist relative to the services to be provided pursuant to this Agreement. CONSULTANT agrees to
 24 advise COUNTY of any actual, apparent or potential conflicts of interest that may develop subsequent to the
 25 date of execution of this Agreement.

26 D. CONSULTANT hereby certifies that it does not now have, nor shall it acquire any financial or business
 27 interest that would conflict with the performance of services under this Agreement.

28 E. The CONSULTANT (nor any subconsultant nor any firms affiliated with the CONSULTANT or any
 29 subconsultant) shall not be eligible to perform any further phases of the projects or to bid on any construction

1 contract or on any Agreement to provide construction inspection for any construction project resulting from
2 this Agreement. An affiliated firm is one, which is subject to the control of the same persons, though joint
3 ownership or otherwise.

4 F. CONSULTANT's duties and services under this Agreement shall not include preparing or assisting the
5 COUNTY with any portion of the COUNTY's preparation of a request for proposals, request for qualifications,
6 or any other solicitation regarding a subsequent or additional contract with the COUNTY. The COUNTY
7 entering this Agreement shall at all times retain responsibility for public contracting, including with respect to
8 any subsequent phase of the projects. CONSULTANT's participation in the planning, discussions, or
9 drawings of project plans or specifications shall be limited to conceptual, preliminary, or initial plans or
10 specifications. CONSULTANT shall cooperate with the COUNTY to ensure that all bidders for a subsequent
11 contract on any subsequent phase of a project have access to the same information, including all conceptual,
12 preliminary, or initial plans or specifications prepared by CONSULTANT pursuant to this Agreement.

13 **ARTICLE XIV REBATES, KICKBACKS OR OTHER UNLAWFUL CONSIDERATION**

14 The CONSULTANT warrants that this Agreement was not obtained or secured through rebates, kickbacks or
15 other unlawful consideration either promised or paid to any COUNTY employee. For breach or violation of this
16 warranty, COUNTY shall have the right, in its discretion, to terminate this Agreement without liability, to pay only
17 for the value of the work actually performed, or to deduct from the Agreement price or otherwise recover the full
18 amount of such rebate, kickback or other unlawful consideration.

19 **ARTICLE XV PROHIBITION OF EXPENDING COUNTY STATE OR FEDERAL FUNDS FOR LOBBYING**

20 If Article V.Q identifies that federal funds are used, in whole or in part, to fund the services performed under this
21 Agreement and such federal funding will exceed \$150,000 then compliance with the provisions of Article XV as
22 described below is required. If Article V.Q identifies that services are not funded in whole or in part with federal
23 funds or such federal funding will be less than \$150,000 then compliance with the requirements of Article XV is
24 not required.

25 A. The CONSULTANT certifies, to the best of his or her knowledge and belief, that:

- 26 1. No state, federal or COUNTY appropriated funds have been paid or will be paid, by or on behalf of the
27 CONSULTANT, to any person for influencing or attempting to influence an officer or employee of any
28 local, state or federal agency, a Member of the State Legislature or United States Congress, an officer or
29 employee of the Legislature or Congress, or any employee of a Member of the Legislature or Congress in

1 connection with the awarding of making of this Agreement, or with the extension, continuation, renewal,
2 amendment, or modification of this Agreement.

3 2. If any funds other than federal appropriated funds have been paid or will be paid to any person for
4 influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an
5 officer or employee of Congress, or an employee of a Member of Congress in connection with this
6 Agreement, the CONSULTANT shall complete and submit Standard Form-LLL, "Disclosure Form to
7 Report Lobbying", in accordance with its instructions.

8 B. This certification is a material representation of fact upon which reliance was placed when this transaction
9 was made or entered into. Submission of this certification is a prerequisite for making or entering into this
10 transaction imposed by 31 U.S.C. Section 1352. Any person who fails to file the required certification shall be
11 subject to a civil penalty of not less than ten thousand dollars (\$10,000) and not more than one hundred
12 thousand dollars (\$100,000) for each such failure.

13 C. The CONSULTANT also agrees by signing this document that he or she shall require that the language of this
14 certification be included in all lower tier sub agreements, which exceed one hundred thousand dollars
15 (\$100,000), and that all such subrecipients shall certify and disclose accordingly.

16 **ARTICLE XVI NON-DISCRIMINATION CLAUSE AND STATEMENT OF COMPLIANCE**

17 A. The CONSULTANT's signature affixed herein and dated shall constitute a certification under penalty of
18 perjury under the laws of the State of California that CONSULTANT has, unless exempt, complied with the
19 nondiscrimination program requirements of Government Code Section 12990 and 2 California Code of
20 Regulations (CCR) Section 8103.

21 B. During the performance of this Agreement, CONSULTANT and its subconsultants shall not deny the
22 Agreement's benefits to any person on the basis of race, religious creed, color, national origin, ancestry,
23 physical disability, mental disability, medical condition, genetic information, marital status, sex, gender,
24 gender identity, gender expression, age, sexual orientation, or military and veteran status, nor shall they
25 unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment
26 because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical
27 condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual
28 orientation, or military and veteran status. CONSULTANT and subconsultants shall insure that the evaluation
29 and treatment of their employees and applicants for employment are free from such discrimination and

1 harassment.

2 C. CONSULTANT and subconsultants shall comply with the provisions of the Fair Employment and Housing Act
 3 (Government Code Section 12990 et seq.), the applicable regulations promulgated there under (2 CCR
 4 Section 11000 et seq.), the provisions of Government Code Sections 11135-11139.5, and the regulations or
 5 standards adopted by COUNTY to implement such article. The applicable regulations of the Fair Employment
 6 and Housing Commission implementing Government Code Section 12990 (a-f), set forth 2 CCR Sections
 7 8100-8504, are incorporated into this Agreement by reference and made a part hereof as if set forth in full.

8 D. CONSULTANT shall permit access by representatives of the Department of Fair Employment and Housing
 9 and the COUNTY upon reasonable notice at any time during the normal business hours, but in no case less
 10 than twenty-four (24) hours' notice, to such of its books, records, accounts, and all other sources of
 11 information and its facilities as said Department or COUNTY shall require to ascertain compliance with this
 12 cause.

13 E. CONSULTANT and its subconsultants shall give written notice of their obligations under this clause to labor
 14 organizations with which they have a collective bargaining or other agreement.

15 F. CONSULTANT shall include the nondiscrimination and compliance provisions of this clause in all
 16 subcontracts to perform work under this Agreement.

17 G. The CONSULTANT, with regard to the work under this Agreement, shall act in accordance with Title VI of the
 18 Civil Rights Act of 1964 (42 U.S.C. Section 2000d et seq.). Title VI provides that the recipients of federal
 19 assistance will implement and maintain a policy of nondiscrimination in which no person in the United States
 20 shall, on the basis of race, color, national origin, religion, sex, age, disability, be excluded from participation in,
 21 denied the benefits of or subject to discrimination under any program or activity by the recipients of federal
 22 assistance or their assignees and successors in interest.

23 H. The CONSULTANT shall comply with regulations relative to non-discrimination in federally-assisted programs
 24 of the U.S. Department of Transportation (49 CFR 21 – Effectuation of Title VI of the Civil Rights Act of 1964).
 25 Specifically, the CONSULTANT shall not participate either directly or indirectly in the discrimination prohibited
 26 by 49 CFR Section 21.5, including employment practices and the selection and retention of subconsultants.

27 I. CONSULTANT, subrecipient or subconsultant will never exclude any person from participation in, deny any
 28 person the benefits of, or otherwise discriminate against anyone in connection with the award and
 29 performance of any contract covered by 49 CFR 26 on the basis of race, color, sex, or national origin. In

1 administering the COUNTY components of DBE Program Plan, CONSULTANT, subrecipient or subconsultant
2 will not, directly or through contractual or other arrangements, use criteria or methods of administration that
3 have the effect of defeating or substantially impairing accomplishment of the objectives of the DBE Program
4 Plan with respect to individuals of a particular race, color, sex, or national origin.

5 **ARTICLE XVII DEBARMENT AND SUSPENSION CERTIFICATION**

6 A. The CONSULTANT's signature affixed herein shall constitute a certification under penalty of perjury under the
7 laws of the State of California, that the CONSULTANT or any person associated therewith in the capacity of
8 owner, partner, director, officer or manager:

- 9 1. Is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by
10 any federal agency;
- 11 2. Has not been suspended, debarred, voluntarily excluded, or determined ineligible by any federal
12 agency within the past three (3) years;
- 13 3. Does not have a proposed debarment pending; and
- 14 4. Has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent
15 jurisdiction in any matter involving fraud or official misconduct within the past three (3) years.

16 B. Any exceptions to this certification must be disclosed to COUNTY. Exceptions will not necessarily result in
17 denial of recommendation for award, but will be considered in determining responsibility. Disclosures must
18 indicate the party to whom the exceptions apply, the initiating agency, and the dates of agency action.

19 C. Exceptions to the Federal Government excluded parties (<https://sam.gov/content/home>) maintained by the
20 U.S. General Services Administration are to be determined by the Federal Highway Administration (FHWA).

21 **ARTICLE XVIII DISADVANTAGED BUSINESS ENTERPRISES (DBE) PARTICIPATION**

22 [Intentionally Omitted]

23 **ARTICLE XIX INDEMNIFICATION AND INSURANCE**

24 A. Basic Indemnity

- 25 1. To the fullest extent permitted by applicable law, CONSULTANT agrees to defend (through legal counsel
26 reasonably acceptable to COUNTY), indemnify, and hold harmless the County of Riverside, its Agencies,
27 Districts, Departments and Special Districts, Board of Supervisors, elected and appointed officials, and
28 each of their respective directors, members officers, employees, agents, volunteers and representatives
29 ("Indemnitees") and each of them from any and all Losses that arise out of or relate to any act or

1 omission constituting ordinary and not professional negligence (including, without limitation, negligent
2 breach of contract), recklessness, or willful misconduct on the part of CONSULTANT or its subconsultants
3 or their respective employees, agents, representatives, or independent contractors.

4 2. "Losses" shall mean any and all economic and non-economic losses, costs, liabilities, claims, damages,
5 actions, judgments, settlements and expenses, including, without limitation, full and actual attorney's fees
6 (including, without limitation, attorney's fees for trial and on appeal), expert and non-expert witness fees,
7 arbitrator and arbitration fees and mediator and mediation fees.

8 3. CONSULTANT further agrees to and shall indemnify and hold harmless the Indemnitees from all liability
9 arising from suits, claims, demands, actions, or proceedings made by agents, employees or
10 subcontractors of CONSULTANT for salary, wages, compensation, health benefits, insurance, retirement
11 or any other benefit not explicitly set forth in this Agreement and arising out of work performed for
12 COUNTY pursuant to this Agreement. The Indemnitees shall be entitled to the defense and
13 indemnification provided for hereunder regardless of whether the Loss is in part caused or contributed to
14 by the acts or omissions of an Indemnitee or any other person or entity; provided however, that nothing
15 contained herein shall be construed as obligating CONSULTANT to indemnify and hold harmless any
16 Indemnitee to the extent not required under the provisions of Paragraph B. below.

17 B. Indemnity for Design Professional Services

18 1. To the fullest extent permitted by Applicable Law, CONSULTANT agrees to defend (through legal counsel
19 reasonably acceptable to COUNTY), indemnify and hold harmless the Indemnitees, and each of them,
20 against any and all Losses that arise out of, pertain to, or relate to, any negligence, recklessness or willful
21 misconduct constituting professional negligence on the part of CONSULTANT or its subconsultants, or
22 their respective employees, agents, representatives, or independent contractors. The Indemnitees shall
23 be entitled to the defense, and indemnification provided for hereunder regardless of whether the Loss is,
24 in part, caused or contributed to by the acts or omissions of an Indemnitee or any other person or entity;
25 provided, however, that nothing contained herein shall be construed as obligating CONSULTANT to
26 indemnify and hold harmless any Indemnitee to the extent not required under the provisions of this
27 section. CONSULTANT shall defend and pay, all costs and fees, including but not limited to attorney fees,
28 cost of investigation, and defense, in any loss, suits, claims, demands, actions, or proceedings to the
29 extent and in proportion to the percentage, such costs and fees arise out of, pertain to, or relate to the

1 negligence, recklessness or willful misconduct of CONSULTANT arising out of or from the performance of
2 professional design services under this Agreement. The duty to defend applies to any alleged or actual
3 negligence, recklessness, willful misconduct of CONSULTANT. The cost for defense shall apply whether
4 or not CONSULTANT is a party to the lawsuit and shall apply whether or not CONSULTANT is directly
5 liable to the plaintiffs in the lawsuit. The duty to defend applies even if Indemnitees are alleged or found to
6 be actively negligent, but only in proportion to the percentage of fault or negligence of CONSULTANT.

- 7 2. Without affecting the rights of COUNTY under any other provision of this Agreement, CONSULTANT shall
8 not be required to indemnify or hold harmless or provide defense or defense costs to an Indemnitee for a
9 Loss due to that Indemnitee's negligence, recklessness or willful misconduct; provided, however, that
10 such negligence, recklessness or willful misconduct has been determined by agreement of
11 CONSULTANT and Indemnitee or has been adjudged by the findings of a court of competent jurisdiction.
- 12 3. CONSULTANT agrees to obtain or cause to be obtained executed defense and indemnity agreements
13 with provisions identical to those set forth in this section from each and every subconsultant, of every tier.
- 14 4. CONSULTANT's indemnification obligations under this Agreement shall not be limited by the amount or
15 type of damages, compensation or benefits payable under any policy of insurance, workers'
16 compensation acts, disability benefit acts or other employee benefit acts.
- 17 5. The Indemnitees shall be entitled to recover their attorneys' fees, costs and expert and consultant costs in
18 pursuing or enforcing their right to defense and/or indemnification under this Agreement.

19 C. INSURANCE

20 Without limiting or diminishing the CONSULTANT's obligation to indemnify or hold the COUNTY harmless,
21 CONSULTANT shall procure and maintain or cause to be maintained, at its sole cost and expense, the
22 following insurance coverages during the term of this Agreement. As respects to the insurance section only,
23 the COUNTY herein refers to the County of Riverside, its Agencies, Districts, Special Districts, and
24 Departments, their respective directors, officers, Board of Supervisors, employees, elected or appointed
25 officials, agents or representatives as Additional Insureds.

26 1. Workers' Compensation:

27 If the CONSULTANT has employees as defined by the State of California, the CONSULTANT shall
28 maintain statutory Workers' Compensation Insurance (Coverage A) as prescribed by the laws of the State
29 of California. Policy shall include Employers' Liability (Coverage B) including Occupational Disease with

limits not less than \$1,000,000 per person per accident. The policy shall be endorsed to waive subrogation in favor of the County of Riverside.

2. Commercial General Liability:

Commercial General Liability insurance coverage, including but not limited to, premises liability, unmodified contractual liability, products and completed operations liability, personal and advertising injury, and cross liability coverage, covering claims which may arise from or out of CONSULTANT's performance of its obligations hereunder. Policy's limit of liability shall not be less than \$2,000,000 per occurrence combined single limit. If such insurance contains a general aggregate limit, it shall apply separately to this Agreement or be no less than two (2) times the occurrence limit. Policy shall name the COUNTY as Additional Insureds.

3. Vehicle Liability:

If vehicles or mobile equipment are used in the performance of the obligations under this Agreement, then CONSULTANT shall maintain liability insurance for all owned, non-owned or hired vehicles so used in an amount not less than \$1,000,000 per occurrence combined single limit. If such insurance contains a general aggregate limit, it shall apply separately to this Agreement or be no less than two (2) times the occurrence limit. Policy shall name the COUNTY as Additional Insureds.

4. Professional Liability

CONSULTANT shall maintain Professional Liability Insurance providing coverage for the CONSULTANT's performance of work included within this Agreement, with a limit of liability of not less than \$1,000,000 per occurrence and \$2,000,000 annual aggregate. If CONSULTANT's Professional Liability Insurance is written on a claims made basis rather than an occurrence basis, such insurance shall continue through the term of this Agreement and CONSULTANT shall purchase at its sole expense either 1) an Extended Reporting Endorsement (also, known as Tail Coverage); or 2) Prior Dates Coverage from new insurer with a retroactive date back to the date of, or prior to, the inception of this Agreement; or 3) demonstrate through Certificates of Insurance that CONSULTANT has maintained continuous coverage with the same or original insurer. Coverage provided under items; 1), 2), or 3) will continue as long as the law allows.

5. General Insurance Provisions - All lines:

a. Any insurance carrier providing insurance coverage hereunder shall be admitted to the State of

1 California and have an A M BEST rating of not less than A: VIII (A:8) unless such requirements are
 2 waived, in writing, by the COUNTY Risk Manager. If the COUNTY's Risk Manager waives a
 3 requirement for a particular insurer such waiver is only valid for that specific insurer and only for one
 4 policy term.

5 b. The CONSULTANT must declare its insurance self-insured retention for each coverage required
 6 herein. If any such self-insured retention exceeds \$500,000 per occurrence each such retention shall
 7 have the prior written consent of the COUNTY Risk Manager before the commencement of
 8 operations under this Agreement. Upon notification of self-insured retention unacceptable to the
 9 COUNTY, and at the election of the COUNTY's Risk Manager, CONSULTANT's carriers shall either;
 10 1) reduce or eliminate such self-insured retention as respects this Agreement with the COUNTY, or 2)
 11 procure a bond which guarantees payment of losses and related investigations, claims administration,
 12 and defense costs and expenses.

13 c. CONSULTANT shall cause CONSULTANT's insurance carrier(s) to furnish the County of Riverside
 14 with either 1) a properly executed original Certificate(s) of Insurance and certified original copies of
 15 Endorsements effecting coverage as required herein, and 2) if requested to do so orally or in writing
 16 by the COUNTY Risk Manager, provide original Certified copies of policies including all
 17 Endorsements and all attachments thereto, showing such insurance is in full force and effect. Further,
 18 said Certificate(s) and policies of insurance shall contain the covenant of the insurance carrier(s) that
 19 thirty (30) days written notice shall be given to the County of Riverside prior to any material
 20 modification, cancellation, expiration or reduction in coverage of such insurance. In the event of a
 21 material modification, cancellation, expiration, or reduction in coverage, this Agreement shall
 22 terminate forthwith, unless the County of Riverside receives, prior to such effective date, another
 23 properly executed original Certificate of Insurance and original copies of endorsements or certified
 24 original policies, including all endorsements and attachments thereto evidencing coverage's set forth
 25 herein and the insurance required herein is in full force and effect. CONSULTANT shall not
 26 commence operations until the COUNTY has been furnished original Certificate (s) of Insurance and
 27 certified original copies of endorsements and if requested, certified original policies of insurance
 28 including all endorsements and any and all other attachments as required in this Section. An
 29 individual authorized by the insurance carrier to do so on its behalf shall sign the original

1 endorsements for each policy and the Certificate of Insurance.

- 2 d. It is understood and agreed to by the parties hereto that the CONSULTANT's insurance shall be
3 construed as primary insurance, and the COUNTY's insurance and/or deductibles and/or self-insured
4 retentions or self-insured programs shall not be construed as contributory.
- 5 e. If, during the term of this Agreement or any extension thereof, there is a material change in the scope
6 of services; or, there is a material change in the equipment to be used in the performance of the
7 scope of services; or, the term of this Agreement, including any extensions thereof, exceeds five (5)
8 years; the COUNTY reserves the right to adjust the types of insurance and the monetary limits of
9 liability required under this Agreement, if in the COUNTY Risk Manager's reasonable judgment, the
10 amount or type of insurance carried by the CONSULTANT has become inadequate.
- 11 f. CONSULTANT shall pass down the insurance obligations contained herein to all tiers of
12 subconsultants working under this Agreement.
- 13 g. The insurance requirements contained in this Agreement may be met with a program(s) of self-
14 insurance acceptable to the COUNTY.
- 15 h. CONSULTANT agrees to notify COUNTY of any claim by a third party or any incident or event that
16 may give rise to a claim arising from the performance of this Agreement.

17 **ARTICLE XX FUNDING REQUIREMENTS**

- 18 A. It is mutually understood between the parties that this Agreement may have been written before ascertaining
19 the availability of funds or appropriation of funds, for the mutual benefit of both parties, in order to avoid
20 program and fiscal delays that would occur if the Agreement were executed after that determination was
21 made.
- 22 B. This Agreement is valid and enforceable only if sufficient funds are made available to COUNTY for the
23 purpose of this Agreement. In addition, this Agreement is subject to any additional restrictions, limitations,
24 conditions, or any statute enacted by the Congress, State Legislature, or COUNTY governing board that may
25 affect the provisions, terms, or funding of this Agreement in any manner.
- 26 C. It is mutually agreed that if sufficient funds are not appropriated, this Agreement may be amended to reflect
27 any reduction in funds.
- 28 D. COUNTY has the option to terminate the Agreement pursuant to Article VI Termination, or by mutual
29 agreement to amend the Agreement to reflect any reduction of funds.

1 **ARTICLE XXI CHANGE IN TERMS**

- 2 A. This Agreement may be amended or modified only by mutual written agreement of the parties.
- 3 B. CONSULTANT shall only commence work covered by an amendment after the amendment is executed and
4 notification to proceed has been provided by COUNTY Contract Administrator.
- 5 C. There shall be no change in CONSULTANT Project Manager or members of the project team, as listed as
6 Key Personnel in the approved Scope of Services, which is a part of this Agreement without prior written
7 approval by COUNTY Contract Administrator.

8 **ARTICLE XXII CONTINGENT FEE**

9 CONSULTANT warrants, by execution of this Agreement that no person or selling agency has been employed, or
10 retained, to solicit or secure this Agreement upon an agreement or understanding, for a commission, percentage,
11 brokerage, or contingent fee, excepting bona fide employees, or bona fide established commercial or selling
12 agencies maintained by CONSULTANT for the purpose of securing business. For breach or violation of this
13 warranty, COUNTY has the right to annul this Agreement without liability; pay only for the value of the work
14 actually performed, or in its discretion to deduct from the Agreement price or consideration, or otherwise recover
15 the full amount of such commission, percentage, brokerage, or contingent fee.

16 **ARTICLE XXIII DISPUTES**

- 17 A. Prior to either party commencing any legal action under this Agreement, the parties agree to try in good faith,
18 to settle any dispute amicably between them. If a dispute has not been settled after forty-five (45) days of
19 good-faith negotiations and as may be otherwise provided herein, then either party may commence legal
20 action against the other. This Agreement shall be governed by the laws of the State of California. Any legal
21 action related to the performance or interpretation of this Agreement shall be filed only in the Superior Court
22 of the State of California located in Riverside, California, and the parties waive any provision of law providing
23 for a change of venue to another location. In the event any provision in this Agreement is held by a court of
24 competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions will nevertheless
25 continue in full force without being impaired or invalidated in any way.
- 26 B. Any dispute, other than audit, concerning a question of fact arising under this Agreement that is not disposed
27 of by agreement shall be decided by a committee consisting of COUNTY Contract Administrator and Director
28 of Transportation, or designee, who may consider written or verbal information submitted by CONSULTANT.
- 29 C. Not later than thirty (30) days after completion of all deliverables necessary to complete the plans,

1 specifications and estimate, CONSULTANT may request review by COUNTY Governing Board of unresolved
2 claims or disputes, other than audit. The request for review will be submitted in writing.

3 D. Neither the pendency of a dispute, nor its consideration by the committee will excuse CONSULTANT from full
4 and timely performance in accordance with the terms of this Agreement.

5 **ARTICLE XXIV INSPECTION OF WORK**

6 CONSULTANT and any subconsultant shall permit COUNTY, the state, and the FHWA if federal participating
7 funds are used in this Agreement; to review and inspect the project activities and files at all reasonable times
8 during the performance period of this Agreement.

9 **ARTICLE XXV SAFETY**

10 A. CONSULTANT shall comply with OSHA regulations applicable to CONSULTANT regarding necessary safety
11 equipment or procedures. CONSULTANT shall comply with safety instructions issued by COUNTY Safety
12 Officer and other COUNTY representatives. CONSULTANT personnel shall wear hard hats and safety vests
13 at all times while working on the construction project site.

14 B. Pursuant to the authority contained in Vehicle Code Section 591, COUNTY has determined that such areas
15 are within the limits of the project and are open to public traffic. CONSULTANT shall comply with all of the
16 requirements set forth in Divisions 11, 12, 13, 14, and 15 of the Vehicle Code. CONSULTANT shall take all
17 reasonably necessary precautions for safe operation of its vehicles and the protection of the traveling public
18 from injury and damage from such vehicles.

19 C. Any subcontract entered into as a result of this Agreement, shall contain all of the provisions of this Article.

20 D. In the event CONSULTANT performs trenching of five (5) feet or deeper in the performance any service
21 provided under this Agreement, CONSULTANT must have a Division of Occupational Safety and Health
22 (CAL-OSHA) permit(s), as outlined in California Labor Code Sections 6500 and 6705, prior to the initiation of
23 any practices, work, method, operation, or process related to the construction or excavation of trenches which
24 are five (5) feet or deeper.

25 **ARTICLE XXVI OWNERSHIP OF DATA**

26 A. It is mutually agreed that all materials prepared by CONSULTANT under this Agreement shall become the
27 property of COUNTY, and CONSULTANT shall have no property rights therein whatsoever. Immediately,
28 upon termination, COUNTY shall be entitled to, and CONSULTANT shall deliver to COUNTY, reports,
29 investigations, appraisals, inventories, studies, analyses, drawings and data estimates performed to that date,

1 whether completed or not, and other such materials as may have been prepared or accumulated to date by
2 CONSULTANT in performing this Agreement which is not CONSULTANT's privileged information, as defined
3 by law, or CONSULTANT's personnel information, along with all other property belonging exclusively to
4 COUNTY which is in CONSULTANT's possession. Publication of the information derived from work
5 performed or data obtained in connection with services rendered under this Agreement must be approved in
6 writing by COUNTY.

7 B. Additionally, it is agreed that the Parties intend this to be an Agreement for services and each considers the
8 products and results of the services to be rendered by CONSULTANT hereunder to be work made for hire.
9 CONSULTANT acknowledges and agrees that the work (and all rights therein, including, without limitation,
10 copyright) belongs to and shall be the sole and exclusive property of COUNTY without restriction or limitation
11 upon its use or dissemination by COUNTY.

12 C. Nothing herein shall constitute or be construed to be any representation by CONSULTANT that the work
13 product is suitable in any way for any other project except the one detailed in this Agreement. Any reuse by
14 COUNTY for another project or project location shall be at COUNTY's sole risk.

15 D. COUNTY may permit copyrighting reports or other agreement products. If copyrights are permitted; the
16 Agreement shall provide that the FHWA and COUNTY shall have the royalty-free nonexclusive and
17 irrevocable right to reproduce, publish, or otherwise use; and to authorize others to use, the work for
18 government purposes.

19 **ARTICLE XXVII CLAIMS FILED BY COUNTY'S CONSTRUCTION CONTRACTOR**

20 A. If claims are filed by COUNTY's construction contractor relating to work performed by CONSULTANT's
21 personnel, and additional information or assistance from CONSULTANT's personnel is required in order to
22 evaluate or defend against such claims; CONSULTANT agrees to make its personnel available for
23 consultation with COUNTY's construction contract administration and legal staff and for testimony, if
24 necessary, at depositions and at trial or arbitration proceedings.

25 B. CONSULTANT's personnel that COUNTY considers essential to assist in defending against construction
26 contractor claims will be made available on reasonable notice from COUNTY. Consultation or testimony will
27 be reimbursed at the same rates, including travel costs that are being paid for CONSULTANT's personnel
28 services under this Agreement.

29 C. Services of CONSULTANT's personnel in connection with COUNTY's construction contractor claims will be

1 performed pursuant to a written contract amendment, if necessary, extending the termination date of this
2 Agreement in order to resolve the construction claims.

3 **ARTICLE XXVIII CONFIDENTIALITY OF DATA**

4 A. All financial, statistical, personal, technical, or other data and information relative to COUNTY's operations,
5 which are designated confidential by COUNTY and made available to CONSULTANT in order to carry out this
6 Agreement, shall be protected by CONSULTANT from unauthorized use and disclosure.

7 B. Permission to disclose information on one occasion, or public hearing held by COUNTY relating to the
8 Agreement, shall not authorize CONSULTANT to further disclose such information, or disseminate the same
9 on any other occasion.

10 C. CONSULTANT shall not comment publicly to the press or any other media regarding the Agreement or
11 COUNTY's actions on the same, except to COUNTY's staff, CONSULTANT's own personnel involved in the
12 performance of this Agreement, at public hearings or in response to questions from a Legislative committee.

13 D. CONSULTANT shall not issue any news release or public relations item of any nature, whatsoever, regarding
14 work performed or to be performed under this Agreement without prior review of the contents thereof by
15 COUNTY, and receipt of COUNTY's written permission.

16 E. Any subcontract entered into as a result of this Agreement shall contain all of the provisions of this Article.

17 F. All information related to the construction estimate is confidential and shall not be disclosed by
18 CONSULTANT to any entity other than COUNTY, Caltrans, and/or FHWA. All of the materials prepared or
19 assembled by CONSULTANT pursuant to the performance of this Agreement are confidential and
20 CONSULTANT agrees that they shall not be made available to any individual or organization without the prior
21 written approval of COUNTY or except by court order. If CONSULTANT or any of its officers, employees, or
22 subcontractors does voluntarily provide information in violation of this Agreement, COUNTY has the right to
23 reimbursement and indemnity from CONSULTANT for any damages caused by CONSULTANT releasing the
24 information, including, but not limited to, COUNTY's attorney's fees and disbursements, including without
25 limitation expert's fees and disbursements.

26 **ARTICLE XXIX NATIONAL LABOR RELATIONS BOARD CERTIFICATION**

27 In accordance with Public Contract Code Section 10296, CONSULTANT hereby states under penalty of perjury
28 that no more than one final unappealable finding of contempt of court by a federal court has been issued against
29 CONSULTANT within the immediately preceding two-year period, because of CONSULTANT's failure to comply

1 with an order of a federal court that orders CONSULTANT to comply with an order of the National Labor Relations
 2 Board.

3 **ARTICLE XXX LEGAL COMPLIANCE**

4 CONSULTANT shall comply with all federal, State and local laws, statutes, ordinances, rules and regulations, and
 5 the orders and decrees of any courts or administrative bodies or tribunals currently in effect and in any manner
 6 affecting the performance of this Agreement, including, without limitation, workers' compensation laws and
 7 licensing and regulations. Failure to comply with the foregoing by CONSULTANT may be grounds for termination
 8 by the COUNTY.

9 **ARTICLE XXXI EVALUATION OF CONSULTANT**

10 CONSULTANT's performance will be evaluated by COUNTY. A copy of the evaluation will be sent to
 11 CONSULTANT for comments. The evaluation together with the comments shall be retained as part of the
 12 Agreement record.

13 **ARTICLE XXXII RETENTION OF FUNDS**

- 14 A. Any subcontract entered into as a result of this Agreement shall contain all of the provisions of this Article.
- 15 B. COUNTY will withhold the last ten percent (10%) of the budget for preparation of the final PS&E documents.
- 16 The ten percent (10%) retainage is to be held after ninety percent (90%) of the PS&E phase has been billed
 17 and is not to be deducted from each invoice. The amount retained will be paid to CONSULTANT after
 18 COUNTY has approved CONSULTANT's PS&E documents. The CONSULTANT, or subconsultant, shall
 19 return all monies withheld in retention from a subconsultant within thirty (30) days after receiving payment.
 20 Federal law (49 CFR 26.29) requires that any delay or postponement of payment over thirty (30) days may
 21 take place only for good cause and with the COUNTY's prior written approval. Any violation of this provision
 22 shall subject the violating CONSULTANT or subconsultant to the penalties, sanctions and other remedies
 23 specified in Section 7108.5 of the Business and Professions Code. These requirements shall not be
 24 construed to limit or impair any contractual, administrative, or judicial remedies, otherwise available to the
 25 CONSULTANT or subconsultant in the event of a dispute involving late payment or nonpayment by the
 26 CONSULTANT, deficient subconsultant performance, or noncompliance by a subconsultant. This provision
 27 applies to both DBE and non-DBE prime consultant and subconsultants.

28 **ARTICLE XXXIII TITLE VI ASSURANCES**

29 CONSULTANT shall comply with the assurances set forth in Attachment D, Title VI Assurances, as applicable,

1 which is attached hereto and incorporated herein by reference.

2 **ARTICLE XXXIV NOTIFICATION**

3 All notices hereunder and communications regarding interpretation of the terms of this Agreement and changes
4 thereto, shall be effected by the mailing thereof by registered or certified mail, return receipt requested, postage
5 prepaid, and addressed to the CONSULTANT Project Manager and COUNTY Contract Administrator at the
6 respective addresses provided in Article I.B.

7 **ARTICLE XXXV CONTRACT**

8 A. The two parties to this Agreement, who are the before named CONSULTANT and the before named
9 COUNTY, hereby agree that this Agreement constitutes the entire agreement which is made and
10 concluded in triplicate between the two parties. Both of these parties for and in consideration of the
11 payments to be made, conditions mentioned, and work to be performed, each agree to diligently perform
12 in accordance with the terms and conditions of this Agreement as evidenced by the signatures below.

13 B. This Agreement may be executed in any number of counterparts, each of which will be an original, but all
14 of which together will constitute one instrument. Each party to this Agreement agrees to the use of
15 electronic signatures, such as digital signatures that meet the requirements of the California Uniform
16 Electronic Transactions Act (“CUETA”) Cal. Civ. Code §§ 1633.1 to 1633.17), for executing this
17 Agreement. The parties further agree that the electronic signatures of the parties included in this
18 Agreement are intended to authenticate this writing and to have the same force and effect as manual
19 signatures. Electronic signature means an electronic sound, symbol, or process attached to or logically
20 associated with an electronic record and executed or adopted by a person with the intent to sign the
21 electronic record pursuant to the CUETA as amended from time to time. The CUETA authorizes use of an
22 electronic signature for transactions and contracts among parties in California, including a government
23 agency. Digital signature means an electronic identifier, created by computer, intended by the party using
24 it to have the same force and effect as the use of a manual signature, and shall be reasonably relied upon
25 by the parties. For purposes of this section, a digital signature is a type of "electronic signature" as
26 defined in subdivision (i) of Section 1633.2 of the Civil Code.

27
28 [SIGNATURE PAGE FOLLOWS]
29

ARTICLE XXXVI SIGNATURES

COUNTY Signatures

RECOMMENDED FOR APPROVAL:

 Dated: 8/19/24

Director of Transportation


APPROVED AS TO FORM:

County Counsel

 Dated: _____

By Deputy

APPROVAL BY THE BOARD OF SUPERVISORS

 Dated: 8/27/2024
CHUCK WASHINGTON

PRINTED NAME

Chair, Riverside County Board of Supervisors

ATTEST:

 Deputy Dated: 8/27/2024

KIMBERLY RECTOR

Clerk of the Board (SEAL)

AUG 27 2024 3.100

On-Call Services Agreement

CONSULTANT Signatures

CONSULTANT:

 Dated: 8/8/2024
Jennifer Rios

PRINTED NAME

Corporate Controller/Assistant Sec

TITLE

ATTACHMENT A • SCOPE OF SERVICES

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ARTICLE AI • INTRODUCTION 1

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ARTICLE AI • INTRODUCTION

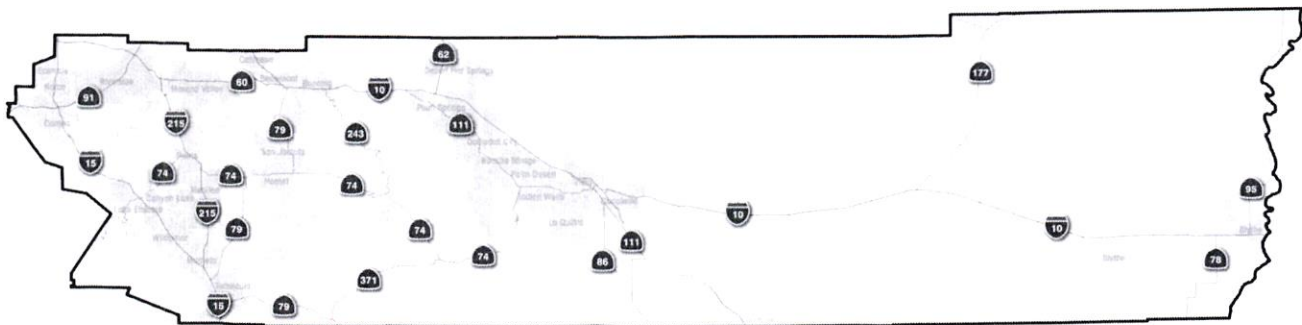
A. DESCRIPTION

CONSULTANT shall provide on-call geotechnical and materials testing services under this Agreement as set forth in each executed Task Order.

B. LOCATION

Task Orders may be for projects located anywhere within the jurisdictional boundaries of the County of Riverside as outlined in the map shown below.

Map of the County of Riverside



C. COORDINATION

CONSULTANT shall coordinate with other involved agencies for compatible design and phasing of construction with existing conditions.

D. STANDARDS

Documents shall be prepared in accordance with current State Department of Transportation (CALTRANS) regulations, policies, procedures, manuals and standards including compliance with Federal Highway Administration (FHWA) requirements and/or COUNTY Road Standards as appropriate. Improvements of local roads may be prepared in accordance with COUNTY standards in lieu of CALTRANS standards as directed by the COUNTY Contract Administrator. All documents shall be prepared using English Standard Units and dimensions.

E. KEY PERSONNEL

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

Assignment

Key Personnel

Project Manager

Dany Hanna, PE

ARTICLE AII • CONTRACT ADMINISTRATION

A. CONTRACT MANAGEMENT

The CONSULTANT Project Manager will maintain ongoing liaison with the COUNTY Contract Administrator and other effected agencies to promote effective coordination during the course of working on Task Orders.

B. COST ACCOUNTING

The CONSULTANT will prepare and submit monthly invoices of expenditures for each on-call Task Order. All Invoices will include all supporting data.

C. SCHEDULING

Schedules will be prepared for each specific Task Order.

ARTICLE AIII • SERVICES TO BE PROVIDED/SCOPE OF WORK

The scope of work for this Agreement is to provide on-call services to the Riverside County Transportation Department for transportation related services located throughout Riverside County. Services will be performed at the request of the COUNTY Contract Administrator. The CONSULTANT may be required to provide on-call services that include but are not limited to the following:

1. Laboratory Testing
2. Materials Sampling and Field Testing
3. Drilling/Subsurface Exploration
4. Traffic Control to support Drilling Exploration
5. Geophysical Investigation
6. Pavement Evaluation/Design
7. Geological/Geotechnical Engineering
8. Source Inspection/SIQMP Reports
9. Materials/Foundation/Geotechnical Design Reports
10. Specialty Testing

ATTACHMENT B • SCHEDULE OF SERVICES

ARTICLE BI • INTRODUCTION

The CONSULTANT shall perform the covenants set forth in Attachment A, Scope of Services, in accordance with the performance requirements of ARTICLE IV PERFORMANCE PERIOD of this Agreement and with the following additional Performance Requirements below. All Task Orders authorized under this Agreement must be authorized no later than June 30, 2029. All services authorized by Task Orders shall be completed by the Agreement expiration date. If work on a Task Order is in progress on the expiration date of this Agreement, the period of performance of this Agreement shall be extended by a written amendment signed by the authorized representatives of both parties prior to the expiration of the period of performance to cover the time needed to complete the Task Order in progress only. An amendment extending the period of performance of this Agreement to cover the time needed to complete a Task Order in progress may be signed by the Director of Transportation if authorized by the COUNTY Board of Supervisors. If written amendment is executed, Task Order services authorized in this Agreement shall therefore be completed no later than June 30, 2031. Deliverables/Services schedules will be prepared for each specific Task Order that the CONSULTANT is assigned.

ARTICLE BII • PERFORMANCE REQUIREMENTS

A. SUBMITTALS

Where CONSULTANT is required to prepare and submit studies, reports, plans, etc., to COUNTY, these shall be submitted in draft as scheduled, and the opportunity provided for COUNTY and AGENCIES to offer comments prior to final submission.

B. TIME EXTENSIONS

1. Any delay in providing services required by this Agreement occasioned by causes beyond the control and not due to the fault or negligence of CONSULTANT, shall be the reason for granting an extension of time for the completion of the aforesaid work. When such delay occurs, CONSULTANT shall promptly notify COUNTY in writing of the cause and of the extent of the delay whereupon COUNTY shall ascertain the facts and the extent of the delay and grant an extension of time for the completion of the work when, in COUNTY's judgment, their findings of fact justify such an extension of time.
2. COUNTY's findings of fact shall be final and conclusive to the parties hereto. However, this is not

1 intended to deny CONSULTANT of any available civil legal remedies in the event of a dispute

2 **C. FINAL ACCEPTANCE**

3 When COUNTY determines that CONSULTANT has satisfactorily completed the services, COUNTY may give
4 CONSULTANT a written Notice of Final Acceptance. CONSULTANT shall not incur any further costs
5 hereunder unless so specified in the Notice of Final Acceptance. No payment will be made for any work
6 performed after the Agreement end date as provided in ARTICLE IV PERFORMANCE PERIOD unless
7 extended by amendment regardless if a Notice of Final Acceptance has been issued or not. The final invoice
8 shall be submitted within 60 calendar days after completion of CONSULTANT's work as required by ARTICLE
9 V ALLOWABLE COSTS AND PAYMENTS. CONSULTANT may request a Notice of Final Acceptance
10 determination when, in its opinion, it has satisfactorily completed all covenants as stipulated in this
11 Agreement.

ATTACHMENT C • COMPENSATION PLAN

ARTICLE CI • INTRODUCTION

Satisfactory performance and completion of the services under this Agreement shall be compensated based upon the hourly rates specified herein and the negotiated cost estimate for each specific Task Order. Actual costs for any Task Order shall not exceed the authorized cost estimate. The sum of the Task Order cost estimates authorized shall not exceed the maximum amount of this Agreement.

ARTICLE CII • ELEMENTS OF COMPENSATION

Compensation for the services provided will be comprised of the following elements: HOURLY RATES, INCURRED (ACTUAL) DIRECT COSTS and OUTSIDE SERVICES.

A. HOURLY RATES

The specified hourly rates shall include direct salary costs, employee benefits, prevailing wages, employer payments, overhead and fee. These rates are not adjustable for the period of performance set forth in the Agreement.

B. INCURRED (ACTUAL) DIRECT COSTS

Additional incurred (actual) direct costs, directly identifiable to the performance of the services of this Agreement, shall be reimbursed at the rates defined in each Task Order, or at actual cost. Travel by air and/or travel in excess of 100 miles must have COUNTY's prior written approval to be reimbursed under this Agreement.

C. OUTSIDE SERVICES

Outside services shall be paid in accordance with the negotiated cost estimate for each Task Order and in conformance with the COUNTY Consulting Services Manual invoicing procedures. Firms proposed to provide sub-consulting services under this Agreement are listed below:

- ZT Consulting Group, Inc.
- TransMat, Inc.

ARTICLE CIII • INVOICING

CONSULTANT shall submit invoices in accordance with ARTICLE V ALLOWABLE COSTS AND PAYMENTS of the Agreement and with the following requirements.

1. Billings for hours worked, incurred (actual) direct costs and outside services shall be included in CONSULTANT's monthly invoice submittals and be in conformance with the COUNTY's Consulting

- 1 Services Invoicing Procedures.
- 2 2. The charges for each individual assigned under this Agreement shall be listed separately.
- 3 3. Charges for incurred (actual) direct costs shall be accompanied by substantiating documentation
- 4 such as invoices, telephone logs, etc.
- 5 4. Each invoice shall bear a certification signed by the CONSULTANT Project Manager or an officer of
- 6 the firm which reads as follows:

7 "I hereby certify that the hours and salary rates charged in this invoice are the actual hours and

8 rates worked and paid to the employees listed."

9 **ARTICLE CIV • PAYMENT**

10 Progress payments shall be made in accordance with ARTICLE V ALLOWABLE COSTS AND PAYMENTS of

11 the Agreement. The total amount payable by COUNTY for all Task Orders resulting from this Agreement shall not

12 exceed \$2,500,000.

13 **ARTICLE CV • HOURLY RATES**

14 COUNTY shall pay CONSULTANT at the Loaded Hourly Billing Rates attached unless a Capped Rate is listed. If

15 a Capped Rate is listed, COUNTY shall pay CONSULTANT at the Capped Rate. These rates shall be applicable

16 to both straight time and overtime work unless payment of premium for overtime work is required by law,

17 regulation or craft agreement, or is otherwise specified in this Agreement.

HOURLY RATES

Please Note: Consultant completes all items in yellow highlight

CONSULTANT Kiewit, Inc. PRIME X SUB _____ CONTRACT NO. _____ DATE 2/9/2024

CONTRACT TYPE _____ Specific Rates of Compensation _____ (LIST ONE OF THE ABOVE LISTED CONTRACT TYPES)

Home Office Personnel: _____

Overhead % _____

OT (1.5x) _____

OT (2x) _____

Name/Classification	Home Office Personnel Field	Effective Date of Hourly Rate	Prevailing Wage Rate established by State DIR (only applicable for prevailing wage work)		Employee Actual Rate (fringe benefits vary year over year)		DELTA (TOTAL) = Employee Total Rate - DIR Rate		DELTA (BASE) = DELTA (TOTAL) - DELTA (FRINGE)		Applicable DELTA FRINGE = DELTA (TOTAL) - DELTA (BASE)		Applicable DELTA FRINGE = DELTA (TOTAL) - DELTA (BASE)		Applicable DELTA FRINGE = DELTA (TOTAL) - DELTA (BASE)		Applicable DELTA FRINGE = DELTA (TOTAL) - DELTA (BASE)		Hourly Rate	Hourly Range for Class
			Base Salary	Fringe Benefits	Total Base Salary + Fringe Benefits	Base Salary	Fringe	Estimate	15.0T	20.0T	15.0T	20.0T	15.0T	20.0T	15.0T	20.0T	15.0T	20.0T		
Reyhaneh Rastegar Prevention Evaluation/Design Non-Prevailing Wage Work Exempt	HOME	7/1/2024 6/30/2025																	\$ 67.07	N/A
John Nicolini Specialty Testing Non-Prevailing Wage Work Exempt	HOME	7/1/2024 6/30/2025																	\$ 79.61	N/A
Jeremy Mason Source Inspection/SQMP Reports Non-Prevailing Wage Work Exempt	HOME	7/1/2024 6/30/2025																	\$ 84.07	Rate has been capped at \$230.00 for Senior Engineer, footnote 6
Chad Davis Materials/Foundation Geotechnical Design Reports Non-Prevailing Wage Work Exempt	HOME	7/1/2024 6/30/2025																	\$ 84.07	Rate has been capped at \$230.00 for Senior Engineer, footnote 6
Anour Kartite Materials/Foundation Geotechnical Design Reports Non-Prevailing Wage Work Exempt	HOME	7/1/2024 6/30/2025																	\$ 72.12	N/A
Jennifer Estes Dispatch Non-Prevailing Wage Work (Non-Exempt)	HOME	7/1/2024 6/30/2025																	\$ 33.66	N/A
Shari Ramos Project Controls Non-Prevailing Wage Work Exempt	HOME	7/1/2024 6/30/2025																	\$ 47.64	N/A
Brana Kennedy Project Administrator Non-Prevailing Wage Work (Non-Exempt)	HOME	7/1/2024 6/30/2025																	\$ 48.50	N/A

The PW differentials Delta Base and Delta Fringe shown in the formulas above for Loaded Billing Rates are applicable only when performing services covered under DIR determinations.

Home Office Personnel: Fringe Benefits % = 57.07% + 91.82% = 148.89%
Overhead % = 148.89%
OT (1.5x) = 10.00%
OT (2x) = 2.13559

Loaded Rate Calculation:
A) Straight Time = Actual Hourly Rate * (1 + Field O.H.) * (1 + Fee) + Delta Base * (Applicable Multiplier Delta Base) + Delta Fringe * (Applicable Multiplier Delta Fringe)
B) 1.5x or 2.0x Overtime = Actual Hourly Rate * (1.5 or 2.0) * (1 + Field O.H.) * (1 + Fee) + Delta Base * (Applicable Multiplier Delta Base) + Delta Fringe * (Applicable Multiplier Delta Fringe)
C) Straight Time or 1.5x or 2.0x Overtime = Actual Hourly Rate * (1 + Field O.H.) * (1 + Fee) + Delta Base * (Applicable Multiplier Delta Base) + Delta Fringe * (Applicable Multiplier Delta Fringe)

Home Office Personnel: Overhead % = 148.89%
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HOURLY RATES

Please Note: Consultant completes all items in yellow highlight.

CONSULTANT: Kleinhefer, Inc. TRD: _____ DATE: 2/20/2024 CONTRACT NO. _____ SUB _____ PRIME X _____

Specific Rates of Compensation _____ (LIST ONE OF THE ABOVE LISTED CONTRACT TYPES)

Prime Consultant's Contract Amount: _____

Home Office Personnel: Name/Classification	Effective Date of Hourly Rate	Prevailing Wage Rate established by State DIR (only applicable for prevailing wage work)		Employee Actual Rate (Fringe benefits vary year over year)		DELTA (TOTAL) = Employee Total Rate - DIR Rate		DELTA (BASE) = Employee Base Rate - DIR Base Rate		Applicable DELTA FRINGE = DELTA (TOTAL) - DELTA (BASE)		Loaded Hourly Billing Rates		Actual Hourly Rate and/or Average Hourly Rate	Hourly Range for Class
		From	To	Base Salary	Fringe	Base Salary	Fringe	14.0%	24.0%	14.0%	24.0%	14.0%	24.0%		
HOME Technician/Materials Tester	7/1/2024	6/30/2023	6/30/2023	595.09	\$86.64	\$118.18	\$34.42	\$93.51	\$123.06	\$152.60	\$34.42	\$123.06	\$152.60	\$43.88	Rate capped at \$130.00 for non-inspector, footnote 6
	7/1/2024	6/30/2023	6/30/2023	595.09	\$86.64	\$118.18	\$34.42	595.09	\$123.06	\$152.60	\$34.42	595.09	\$123.06	\$43.88	Rate capped at \$130.00 for non-inspector, footnote 6
	7/1/2027	6/30/2026	6/30/2026	595.09	\$86.64	\$118.18	\$34.42	595.09	\$123.06	\$152.60	\$34.42	595.09	\$123.06	\$43.88	Rate capped at \$130.00 for non-inspector, footnote 6
	7/1/2028	6/30/2027	6/30/2027	595.09	\$86.64	\$118.18	\$34.42	595.09	\$123.06	\$152.60	\$34.42	595.09	\$123.06	\$43.88	Rate capped at \$130.00 for non-inspector, footnote 6
FIELD Group 1 Regular Shift	7/1/2024	6/30/2023	6/30/2023	595.09	\$86.64	\$118.18	\$34.42	595.09	\$123.06	\$152.60	\$34.42	595.09	\$123.06	\$43.88	Rate capped at \$184.00 for Field Technician, footnote 5
	7/1/2024	6/30/2023	6/30/2023	595.09	\$86.64	\$118.18	\$34.42	595.09	\$123.06	\$152.60	\$34.42	595.09	\$123.06	\$43.88	Rate capped at \$184.00 for Field Technician, footnote 5
	7/1/2027	6/30/2026	6/30/2026	595.09	\$86.64	\$118.18	\$34.42	595.09	\$123.06	\$152.60	\$34.42	595.09	\$123.06	\$43.88	Rate capped at \$184.00 for Field Technician, footnote 5
	7/1/2028	6/30/2027	6/30/2027	595.09	\$86.64	\$118.18	\$34.42	595.09	\$123.06	\$152.60	\$34.42	595.09	\$123.06	\$43.88	Rate capped at \$184.00 for Field Technician, footnote 5
FIELD Group 2 Special Shift	7/1/2024	6/30/2023	6/30/2023	595.09	\$86.64	\$118.18	\$34.42	595.09	\$123.06	\$152.60	\$34.42	595.09	\$123.06	\$43.88	Rate capped at \$204.00 for Specialty Inspector, footnote 5
	7/1/2024	6/30/2023	6/30/2023	595.09	\$86.64	\$118.18	\$34.42	595.09	\$123.06	\$152.60	\$34.42	595.09	\$123.06	\$43.88	Rate capped at \$204.00 for Specialty Inspector, footnote 5
	7/1/2027	6/30/2026	6/30/2026	595.09	\$86.64	\$118.18	\$34.42	595.09	\$123.06	\$152.60	\$34.42	595.09	\$123.06	\$43.88	Rate capped at \$204.00 for Specialty Inspector, footnote 5
	7/1/2028	6/30/2027	6/30/2027	595.09	\$86.64	\$118.18	\$34.42	595.09	\$123.06	\$152.60	\$34.42	595.09	\$123.06	\$43.88	Rate capped at \$204.00 for Specialty Inspector, footnote 5
FIELD Group 3 Special Shift	7/1/2024	6/30/2023	6/30/2023	595.09	\$86.64	\$118.18	\$34.42	595.09	\$123.06	\$152.60	\$34.42	595.09	\$123.06	\$43.88	Rate capped at \$204.00 for Specialty Inspector, footnote 5
	7/1/2024	6/30/2023	6/30/2023	595.09	\$86.64	\$118.18	\$34.42	595.09	\$123.06	\$152.60	\$34.42	595.09	\$123.06	\$43.88	Rate capped at \$204.00 for Specialty Inspector, footnote 5
	7/1/2027	6/30/2026	6/30/2026	595.09	\$86.64	\$118.18	\$34.42	595.09	\$123.06	\$152.60	\$34.42	595.09	\$123.06	\$43.88	Rate capped at \$204.00 for Specialty Inspector, footnote 5
	7/1/2028	6/30/2027	6/30/2027	595.09	\$86.64	\$118.18	\$34.42	595.09	\$123.06	\$152.60	\$34.42	595.09	\$123.06	\$43.88	Rate capped at \$204.00 for Specialty Inspector, footnote 5

1. "NC" denotes no charge for work more than 8 hours per day and for weekends and holidays for this contract only.

2. The billing rates shown in this cost proposal for field staff entitled for PW rates are calculated with estimated fringe benefits of the staff. The actual billing rates to be used in the invoices will be calculated by using the actual PW fringe benefits of the individual staff in accordance with the certified benefits statement submitted with each invoice.

3. The employees' actual hourly rates shown in this cost proposal are the rates that were effective on xxxxxx. Citizens Contract Manager's pre-approval is required for addition of staff not previously listed on the cost proposal. The billing rates for these employees, including those that fall under general classifications, will be calculated and returned based on their actual hourly rates on xxxxxx. Hourly rates for new hires.

4. Travel Time Charge

For Managers: On weekdays up to a maximum of 8 hours will be charged for work time, travel time or any combination of travel and work time. Billing Rate = Loaded Rate Formula "C" above.

Billing rate for travel time = Loaded Rate Formula "C" above.

For Non-Exempt Employees: During regular work day, actual travel time not to exceed 8 hours in any one day or one way travel will be billed at full normal overhead rate (i.e. without the application of the 1.5X or 2.0X multiplier for overtime as below).

5. Rates for technicians/inspectors have been capped at the direction of RCTD. The PW Rate calculations including details do not apply to the rates provided in the Loaded Hourly Billing Rates. No shift differential has been detailed per RCTD maximum billing rate.

6. Where noted in Range, the rates have been capped at the direction of RCTD.

HOURLY RATES

Please Note: Consultant completes all items in yellow highlight.

CONSULTANT: TransMat, Inc. PROJECT NO. CONTRACT NO. DATE 2/9/2024 SUB X TO FROM Specific Rates of Compensation (LIST ONE OF THE ABOVE LISTED CONTRACT TYPES)

Prime Consultant's Contract Amount:

Name/Classification	Home Office Personnel Field Office Personnel	Effective Date of Hourly Rate	Prevailing Wage Rate established by State DIR (Only applicable for prevailing wage work)		Employee Actual Rate (Fringe benefits very year over year)		DELTA (TOTAL) = Employees Total Rate - DIR Rate		DELTA (BASE) = Employee Base - DIR Base		DIR Rate - Rate		Applicable DELTA FRINGE DELTA TOTAL DELTA (Employee - DIR)		Lodged Hourly Billing Rates		Actual Hourly Rate Average Hourly Rate	Hourly Range for Class		
			Base Salary	Fringe	Base Salary	Fringe	Estimate	Fringe	1.0 OT	2.0 OT	1.0 OT	2.0 OT	1.0 OT	2.0 OT	1.0 OT	2.0 OT			1.0 OT	2.0 OT
Keecha Mechal Field Soils and Materials Tester Group 1 Regular Shift Prevailing Wage Work (non-Exempt)	FIELD	7/1/2024	550.09	88.64	118.18	334.42	393.51	1232.06	62.00	393.00	187.05	83.05	84.05	187.05	83.05	84.05	34.38	367.82	\$ 62.00	Rate capped at \$184.00 for Sr Field Technician, Incentive 5
		7/1/2025	550.09	88.64	118.18	334.42	393.51	1232.06	63.86	392.79	187.05	83.05	84.05	187.05	83.05	84.05	34.38	367.82	\$ 63.86	
		7/1/2026	550.09	88.64	118.18	334.42	393.51	1232.06	65.78	391.87	187.05	83.05	84.05	187.05	83.05	84.05	34.38	367.82	\$ 65.78	
		7/1/2028	550.09	88.64	118.18	334.42	393.51	1232.06	67.75	390.94	187.05	83.05	84.05	187.05	83.05	84.05	34.38	367.82	\$ 67.75	
Manuel B Uby Jr Field Soils and Materials Tester Group 1 Regular Shift Prevailing Wage Work (non-Exempt)	FIELD	7/1/2024	550.09	88.64	118.18	334.42	393.51	1232.06	60.00	390.00	187.05	83.05	84.05	187.05	83.05	84.05	31.36	367.82	\$ 60.00	Rate capped at \$184.00 for Sr Field Technician, Incentive 5
		7/1/2025	550.09	88.64	118.18	334.42	393.51	1232.06	61.80	389.20	187.05	83.05	84.05	187.05	83.05	84.05	31.36	367.82	\$ 61.80	
		7/1/2026	550.09	88.64	118.18	334.42	393.51	1232.06	63.65	388.35	187.05	83.05	84.05	187.05	83.05	84.05	31.36	367.82	\$ 63.65	
		7/1/2028	550.09	88.64	118.18	334.42	393.51	1232.06	65.56	387.44	187.05	83.05	84.05	187.05	83.05	84.05	31.36	367.82	\$ 65.56	
Hysaya Leebaktrung Field Soils and Materials Tester Group 1 Regular Shift Prevailing Wage Work (non-Exempt)	FIELD	7/1/2024	550.09	88.64	118.18	334.42	393.51	1232.06	58.00	387.00	187.05	83.05	84.05	187.05	83.05	84.05	28.45	367.82	\$ 58.00	Rate capped at \$184.00 for Sr Field Technician, Incentive 5
		7/1/2025	550.09	88.64	118.18	334.42	393.51	1232.06	59.74	386.16	187.05	83.05	84.05	187.05	83.05	84.05	28.45	367.82	\$ 59.74	
		7/1/2026	550.09	88.64	118.18	334.42	393.51	1232.06	61.53	385.30	187.05	83.05	84.05	187.05	83.05	84.05	28.45	367.82	\$ 61.53	
		7/1/2028	550.09	88.64	118.18	334.42	393.51	1232.06	63.38	384.45	187.05	83.05	84.05	187.05	83.05	84.05	28.45	367.82	\$ 63.38	
Jareeratana J Sirisujaribham Field Soils and Materials Tester Group 1 Regular Shift Prevailing Wage Work (non-Exempt)	FIELD	7/1/2024	550.09	88.64	118.18	334.42	393.51	1232.06	62.00	393.00	187.05	83.05	84.05	187.05	83.05	84.05	34.38	367.82	\$ 62.00	Rate capped at \$184.00 for Sr Field Technician, Incentive 5
		7/1/2025	550.09	88.64	118.18	334.42	393.51	1232.06	63.86	392.19	187.05	83.05	84.05	187.05	83.05	84.05	34.38	367.82	\$ 63.86	
		7/1/2026	550.09	88.64	118.18	334.42	393.51	1232.06	65.78	391.27	187.05	83.05	84.05	187.05	83.05	84.05	34.38	367.82	\$ 65.78	
		7/1/2028	550.09	88.64	118.18	334.42	393.51	1232.06	67.75	390.34	187.05	83.05	84.05	187.05	83.05	84.05	34.38	367.82	\$ 67.75	
Abdalla Oessey Field Soils and Materials Tester Group 1 Regular Shift Prevailing Wage Work (non-Exempt)	FIELD	7/1/2024	550.09	88.64	118.18	334.42	393.51	1232.06	62.00	393.00	187.05	83.05	84.05	187.05	83.05	84.05	34.38	367.82	\$ 62.00	Rate capped at \$184.00 for Sr Field Technician, Incentive 5
		7/1/2025	550.09	88.64	118.18	334.42	393.51	1232.06	63.86	392.19	187.05	83.05	84.05	187.05	83.05	84.05	34.38	367.82	\$ 63.86	
		7/1/2026	550.09	88.64	118.18	334.42	393.51	1232.06	65.78	391.27	187.05	83.05	84.05	187.05	83.05	84.05	34.38	367.82	\$ 65.78	
		7/1/2028	550.09	88.64	118.18	334.42	393.51	1232.06	67.75	390.34	187.05	83.05	84.05	187.05	83.05	84.05	34.38	367.82	\$ 67.75	

Home Office Personnel: Fringe Benefits % = 0.00% + 156.40% = 156.40% + 0.00% = 156.40%
Field Office Personnel: Fringe Benefits % = 0.00% + 156.40% = 156.40% + 0.00% = 156.40%
 General Administration % = 0.00%
 Combined % = 156.40%
 OVERTIME = 156.40%
 NOSPITAL = 156.40%
 OVERTIME = 156.40%
 Applicable Multiplier (Health Base Rate) = 2.0000
 Applicable Multiplier (Fringe Rate) = 2.0000

Non-Exempt Employee Lodged Billing Rates
 A) Straight Time = Actual Hourly Rate * (1 + Field O.H. (1 + Fee) + Delta Base * (Applicable Multiplier Delta Fringe) + Delta Fringe * (Applicable Multiplier Delta Fringe))
 B) 1.5X or 2.0X Overtime = Actual Hourly Rate * (1 + Field O.H. (1 + Fee) + 50% or 100% Actual Hourly Rate) + Delta Base * (Applicable Multiplier Delta Fringe) + Delta Fringe * (Applicable Multiplier Delta Fringe)
 C) Straight Time or 1.5X or 2.0X Overtime = Actual Hourly Rate * (1 + Field O.H. (1 + Fee) + Delta Base * (Applicable Multiplier Delta Base) + Delta Fringe * (Applicable Multiplier Delta Fringe))
 The PW differential Delta Base and Delta Fringe shown in the formulas above for Lodged Billing Rates are applicable only when performing services covered under DIR determinations.

Home Office Personnel: Fringe Benefits % = 0.00% + 156.40% = 156.40% + 0.00% = 156.40%
Field Office Personnel: Fringe Benefits % = 0.00% + 156.40% = 156.40% + 0.00% = 156.40%
 General Administration % = 0.00%
 Combined % = 156.40%
 OVERTIME = 156.40%
 NOSPITAL = 156.40%
 OVERTIME = 156.40%
 Applicable Multiplier (Health Base Rate) = 2.0000
 Applicable Multiplier (Fringe Rate) = 2.0000

HOURLY RATES

Please Note: Consultant completes all items in yellow highlight

CONSULTANT: TransMat, Inc. PRIME: _____ SUB: X DATE: 2/9/2024 CONTRACT NO.: _____ TID: _____

CONTRACT TYPE: _____ Specific Rates of Compensation: _____ (LIST ONE OF THE ABOVE LISTED CONTRACT TYPES)

Prime Consultant's Contract Amount: _____

Home Office Personnel:	Fringe Benefits %	Overhead %	General Administration %	Combined %
NORMAL	0.00%	156.40%	0.00%	156.40%
FRID OFFICE	0.00%	156.40%	0.00%	156.40%
NORMAL	0.00%	156.40%	0.00%	156.40%
OVERTIME	0.00%	156.40%	0.00%	156.40%

Name/Classification	Home Office Personnel	Effective Date of Hourly Rate	Prevailing Wage Rate established by State DIR (only applicable for prevailing wage work)		Employee Actual Rate (fringe benefits vary year over year)		DELTA (TOTAL) = Employee Rate - DIR Rate	DELTA (BASE) = Employee Rate - DIR Base	Applicable DELTA FRINGE = DELTA (TOTAL) - DELTA (BASE)	Applicable DELTA FRINGE = DELTA (TOTAL) - DELTA (BASE) (Employee - DIR)	Loaded Hourly Billing Rates		Actual Hourly Rate and/or Average Hourly Rate	Hourly Range for Class
			Base Salary	Fringe Benefits	Total Base Salary + Fringe Benefits	Estimate Fringe					1.5 OT	2.0 OT		
Roger Rhoadesain	HOME	7/1/2024	6/30/2025											
Project Manager / Material Engineer	HOME	7/1/2025	6/30/2026											
Non-Prevailing Wage Work (Exempt)	HOME	7/1/2027	6/30/2028											
Non-Prevailing Wage Work (Exempt)	HOME	7/1/2028	6/30/2029											
Joshua J Fry	HOME	7/1/2024	6/30/2025											
Material Engineer	HOME	7/1/2025	6/30/2026											
Non-Prevailing Wage Work (Exempt)	HOME	7/1/2027	6/30/2028											
Non-Prevailing Wage Work (Exempt)	HOME	7/1/2028	6/30/2029											

Determination SC-23-61-2, 2023-20 - Craft, Building/Construction Inspector and Field Skills and Materials Tester

- "NC" denotes No Charge for work more than 8 hours per day and for weekends and holidays for this contract only.
- The billing rates shown in this cost proposal for field staff entitled for PW fringe benefits of the staff. The actual billing rates to be used in the invoices will be calculated by using the actual PW fringe benefits of the individual staff in accordance with the certified benefits statement submitted with each invoice.
- The employee's actual hourly rates shown in this cost proposal are the rates that were effective on xx/xx/xx. Caltrans Contract Manager's pre-approval is required for addition of staff not previously listed on the cost proposal. The billing rates for these employees, including those that fall under general classifications, will be calculated and reimbursed based on their actual hourly rates on xx/xx/xx. Hourly rates for new employees.
- Travel Time Charges:
 - For Managers: On weekdays up to a maximum of 8 hours will be charged for work time, travel time or any combination of travel and work time. Billing Rate = Loaded Rate Formula "C" above.
 - For Technicians/Inspectors: On weekdays up to a maximum of 8 hours will be charged for work time, travel time or any combination of travel and work time. Billing Rate = Loaded Rate Formula "C" above.
 - For Non-Exempt Employees: During regular work day, actual travel time not to exceed 8 hours in any one day or one way travel will be billed at full normal overhead rate (i.e. without the application of the 1.5X or 2.0X multiplier for overtime as follows).
- Rates for Technicians/Inspectors have been capped at the direction of RCTD. The PW Rate calculations including deltas do not apply to the rates provided in the Loaded Hourly Billing Rates. No shift differential has been detailed per RCTD maximum billing rate schedule.
- Where notated in Range, the rates have been capped at the direction of RCTD.

KLEINFELDER FEE SCHEDULE FOR GEOTECHNICAL / MATERIALS TESTING EQUIPMENT

EQUIPMENT CHARGES

MATERIALS TESTING EQUIPMENT			
Equipment	Invoice Name	Test Method[†]	Price
Anchor Bolt Testing Device	ANCHOR BOLT TST/DAY		\$150.00 / day
Brinell Hardness Tester	BRINELL HARDNESS/DAY	E10	\$20.00 /day
Concrete Rebound (Schmidt) Hammer	SCHMIDT HAMMER/DAY	C805	\$55.00 / day
Concrete Vapor Emission Test Kit	MOIST FLOOR/SLAB TST	F1869	\$30.00 / kit
Coring Machine	CORING MACHINE /DAY		\$85.00 /day
Coring Machine with Generator	CORING MCH W/GEN DAY		\$165.00 / day
Cylinder Mold	CYLINDER MOLDS		\$3.00 each
Diamond Bit Core Barrel Charge			
3" Diameter	CORING, 3" DIAM./IN		\$3.30 / inch
4" Diameter	CORING, 4" DIAM./IN		\$4.40 / inch
6" Diameter	CORING, 6" DIAM./IN		\$6.60 / inch
Digital Thickness Gauge	THICKNESS GAUGE /DAY		\$50.00 /day
FerroScan Equipment	FERROSCAN EQUIPMENT		\$275.00 /day
Floor Flatness Testing Device (Per Sq Ft)	FLOOR FLATNESS /SF	E1155	\$0.10 /sq ft
Floor Flatness Testing Device (Per Test)	FLOOR FLATNESS TST	E1155	\$150.00 / day
Hand Auger and Soil Sampler	HAND AUGER/DAY		\$75.00 /day
Magnetic Particle Testing Device	MAGNETIC PARTICLE	ASNT, AWS B1.1	\$45.00 /day
Nuclear Soil Density/Moisture Gauge	NUCLEAR DENS GAUGE	D6938	\$75.00 / day
Skidmore Bolt Tension Calibrator	SKID WILH BOLT/DAY	A325, A490	\$55.00 / day
Torque Wrench, up to 1,000 foot-pounds	TORQUE WRENCH/DAY	A325, A490	\$50.00 / day
Ultrasonic Testing Device	UT TESTING EQUIP/DAY	ASNT, AWS B1.1	\$75.00 /day

VEHICLES		
Description	Invoice Name	Price
Mileage, 2 Wheel Drive (Per Mile)	MILEAGE, 2 WH/MILE	\$0.80 / mile
Mileage, 4 Wheel Drive (Per Mile)	MILEAGE, 4 WH/MILE	\$1.60 / mile
Vehicle, 2 Wheel Drive (Per Hour)	VEHICLE, 2 WHEEL/HR	\$10.00 / hour
Vehicle w/Std Testing Equip (Per Hour)	VEH W/STD EQUIP/HR	\$19.00 / hour

OFFICE EQUIPMENT		
Description	Invoice Name	Price
Reproduction (Per Page)	REPRODUCTION/PAGE	\$0.65 / page
Report Surcharge (Per Copy)	REPORT (PER COPY)	\$44.00 / each
Bond Cost for CADD (Per Square Foot)	CADD – BOND	\$0.60 / sq ft
CADD Workstation (Per Hour)	CADD WORKSTATION /HR	\$15.75 / hour

[†]Examples of common test methods. Other methods may exist.

2023 KLEINFELDER FEE SCHEDULE FOR GEOTECHNICAL and MATERIALS LABORATORY TESTING SERVICES

SOIL TESTS

SOIL DENSITY TESTS				
Test	Standard Test Method[†]	Fee		
Standard Proctor	D698, T99	\$	290	each
Modified Proctor	D1557, T180	\$	290	each
Rapid Determination of Compaction*	D5080	\$	250	each
1-Point Proctor, Check Point	T272	\$	170	each
Proctor Oversize Correction	D4718	\$	90	each
Treated Soil Proctor	D558	\$	380	each
Minimum and Maximum Relative Density	D4254, D4253	\$	510	each
Maximum Density by Vibratory Hammer	D7382	\$	660	each
Moisture/Density, TEX 113-E	TEX113-E	\$	330	each
Moisture/Density, TEX 114-E	TEX114-E	\$	330	each
California Impact, CT 216	CT216	\$	270	each

*Field Test

SOIL CLASSIFICATION AND INDEX TESTS				
Test	Standard Test Method[†]	Fee		
Visual Classification	D2488	\$	35	each
Sieve Analysis, % Finer than No. 200 Sieve	D1140	\$	110	each
Sieve Analysis, Fine	D422, D6913, T88	\$	155	each
Sieve Analysis, Coarse	D422, D6913, T88	\$	155	each
Sieve Analysis, Coarse and Fine	D422, D6913, T88	\$	200	each
Hydrometer Analysis (<i>Requires a Sieve Analysis, not included</i>)	D422, D7928	\$	185	each
Water Content	D2216, D4363, T265	\$	30	each
Water Content and Dry Unit Weight	D2216, D2937, D7263	\$	55	each
Atterberg Limits, Single Point	D4318-B, T89, T90	\$	145	each
Atterberg Limits, Multiple Point	D4318-A, T89, T90	\$	220	each
Soil Specific Gravity	D854, T100	\$	270	each
Soil Organic Content	D2974-C	\$	150	each
Fiber Content of Peat Soils	D1997	\$	320	each
Pinhole Dispersion Classification	D4647	\$	630	each
Soil pH	D4972, G51	\$	70	each
Double Hydrometer for Dispersive Soils	D4221	\$	330	each
Crumb Test for Dispersive Soils	D6572	\$	105	each
Soil Resistivity	G187	\$	190	each
Chloride Content		\$	85	each
Sulfate Content		\$	70	each
Thermal Resistivity, Per Point	D5334, IEEE 422	\$	390	each
Thermal Resistivity, Dry-Out Curve	D5334, IEEE 422	\$	1140	each

[†]Common ASTM, AASHTO and DOT test methods.

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- Those beginning with T are AASHTO methods.

**2023 KLEINFELDER FEE SCHEDULE FOR
GEOTECHNICAL and MATERIALS LABORATORY TESTING SERVICES**

SOIL TESTS (continued)

SOIL BEARING PRESSURE TESTS				
Test	Standard Test Method[†]	Fee		
California Bearing Ratio, Single Point (<i>proctor not included</i>)	D1883, T193	\$	420	each
California Bearing Ratio, 3 Points (<i>proctor not included</i>)	D1883, T193	\$	780	each
Resistance R-Value	D2844	\$	390	each
Resistance R-Value of Treated Material	D2844	\$	450	each
Rock Correction for R-Value	D2844	\$	100	each
Stabilized Soil UC Strength, 1 Point (<i>proctor not included</i>)	D1633, D5102	\$	210	each
Stabilized Soil UC Strength, Set of 3	D1633, D5102	\$	1140	each
CT373, 1 Lime Content, w/o Opt. Moist.	CT373	\$	210	each
CT373, 1 Lime Content	CT373	\$	440	each
CT373, 3 Lime Contents	CT373	\$	1,320	each
Eades and Grim Test (Opt. Lime Content)	C977	\$	235	each
Resilient Modulus	T307	\$	570	each
CTB Strength, Individual Specimen		\$	220	each
CTB Strength, Set of 3, Without Design		\$	500	each
CTB Complete Mix Design		\$	7,150	each

SOIL STRENGTH AND PERMEABILITY TESTS				
Test	Standard Test Method[†]	Fee		
Pocket Penetration Value		\$	35	each
Unconfined Compressive Strength	D2166, T208	\$	170	each
Direct Shear, 1 Point	D3080, T236	\$	180	each
Direct Shear, 3 Points	D3080, T236	\$	470	each
Direct Shear, Residual Strength, Each Pt	D3080-Modified	\$	300	each
Consolidation without Time Rate Plots	D2435-Modified	\$	410	each
Consolidation with 2 Time Rate Plots	D2435-A, T216-A	\$	540	each
Consolidation, All Loads with Time Rates	D2435-B, T216-B	\$	760	each
Collapse Potential	D5333	\$	310	each
One Dimensional Swell – Wetting After Loading, Series	D4546-A	\$	360	each
One Dimensional Swell – Wetting After Loading	D4546-B	\$	210	each
One Dimensional Swell – Loading After Wetting	D4546-C	\$	570	each
Expansion Index	D4829	\$	235	each
Denver Swell Test		\$	210	each
Permeability, Rigid Wall	D2434	\$	540	each
Permeability, Flexible Wall	D5084-C	\$	470	each
Triaxial Compression, CU, 1 Point	D4767, T297	\$	600	each
Triaxial Compression, CU, 3 Points	D4767, T297	\$	1,485	each
Triaxial Compression, UU, 1 Point	D2850, T296	\$	250	each
Triaxial Compression, UU, 3 Points	D2850, T296	\$	760	each
Triaxial Compression, UU Saturated, 1 Point	D2850-Modified	\$	360	each
Triaxial Test, TEX117E, Part I	TEX117E	\$	2,145	each
Triaxial Test, TEX117E, Part II	TEX117E	\$	2,145	each

[†]Common ASTM, AASHTO and DOT test methods.

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- Those beginning with T are AASHTO methods.

**2023 KLEINFELDER FEE SCHEDULE FOR
GEOTECHNICAL and MATERIALS LABORATORY TESTING SERVICES**

AGGREGATE TESTS

Test	Standard Test Method[†]	Fee		
		\$		
Acid Solubility		\$	220	each
ASR Reactivity, Long Method	C227, C1293	\$	2,035	each
ASR Reactivity, Short Method	C1260, C1567	\$	1,140	each
Cleanness Value	CT227	\$	200	each
Clay Lumps and Friable Particles, per size <i>*(see note below)</i>	C142, T112	\$	125	each
Coarse Specific Gravity & Absorption	C127, T85	\$	100	each
Fine Specific Gravity & Absorption	C128, T84	\$	175	each
Coarse Durability	D3744, T210	\$	180	each
Fine Durability	D3744, T210	\$	190	each
Flat and Elongated Particles, per size <i>*(see note below)</i>	D4791	\$	115	each
Fractured Faces, per size <i>*(see note below)</i>	D5821, T335	\$	125	each
Lightweight Pieces <i>(Per specific gravity of heavy liquid)</i>	C123, T113	\$	350	each
Los Angeles Abrasion, Large Aggregate	C535	\$	240	each
Los Angeles Abrasion, Small Aggregate	C131, T96	\$	240	each
Mortar Sand Strength	C87, CT515	\$	780	each
Organic Impurities	C40, T21	\$	90	each
Sand Equivalent	D2419, T176	\$	180	each
Sieve Analysis, % Finer than No. 200 Sieve	C117, T11	\$	110	each
Sieve Analysis, Fine	C136, T27	\$	155	each
Sieve Analysis, Coarse	C136, T27	\$	155	each
Sieve Analysis, Coarse and Fine	C136, T27	\$	200	each
Soundness of Aggregate, per size <i>*(see note below)</i>	C88, T104	\$	180	each
Unit Weight	C29, T19	\$	80	each
Water Content	D2216, C566, T255	\$	30	each
Texas Wet Ball Mill	TEX116E	\$	360	each
Decantation Wash	TEX406A	\$	110	each
Uncompacted Void Content of Fine Aggregate	C1252, T304	\$	170	each

**Tests are billed by each size fraction tested. The quantity of fractions tested is dependent on the sample gradation and test method.*

FILTER MEDIA TESTS

Test	Standard Test Method[†]	Fee		
		\$		
Filter Media, Sieve Analysis <i>(includes d10, d60, es, cu)</i>	AWWA B100	\$	220	each
Filter Media, Mohs Hardness	AWWA B100	\$	220	each
Filter Media, Percent Silica		\$	240	each
Acid Solubility	AWWA B100	\$	220	each

[†]Common ASTM, AASHTO and DOT test methods.

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**2023 KLEINFELDER FEE SCHEDULE FOR
GEOTECHNICAL and MATERIALS LABORATORY TESTING SERVICES**

CONCRETE TESTS

Test	Standard Test Method[†]	Fee		
Concrete Compression	C39	\$	40	each
Concrete Core Compression	C42	\$	100	each
Concrete Flexural Strength	C78	\$	125	each
Hydraulic Cement Mortar Compression	C109 (field cast)	\$	40	each
Concrete Drying Shrinkage, set of 3*	C157	\$	610	Each
Concrete Core Thickness	C174	\$	55	each
Concrete Laboratory Trial Batch**	C192	\$	1,485	each
Concrete Time of Set by Penetration Resistance	C403, C191	\$	2,400	each
Concrete Modulus of Elasticity	C469	\$	500	each
Concrete Splitting Tensile Strength	C496	\$	125	each
Concrete Absorption	C497, C642	\$	190	each
Concrete Cylinder Unit Weight	C567	\$	190	each
Non-Shrink Grout Compression	C1107, C579	\$	40	each
Shotcrete Compression	C1140, C1604	\$	85	each
Shotcrete Core Grading	ACI 506.3	\$	85	each
Concrete Paving Slab Modulus of Rupture	C1782	\$	900	each
Concrete Direct Tensile	D2936, CRD C164	\$	500	each
CLSM Compression	D4832	\$	55	each
<i>*For sets greater than 3, add \$100 per prism</i>				
<i>**Includes up to 9 cylinders (4x8 or 6x12) or 9 flex beams, additional cylinders, beams, or shrinkage prisms charged at individual unit rates</i>				

ROLLER COMPACTED CONCRETE TESTS

Test	Standard Test Method[†]	Fee		
RCC Compression	C1435/C39	\$	65	each
RCC Air Content	C1849	\$	50	each
RCC Unit Weight	C1849	\$	50	each
RCC Consistency and Density (VeBe)	C1170	\$	1,600	each
RCC Accelerated Cure	C1768 - modified	\$	750	each
RCC Trial Batch	ACI 211.1	\$	4,800	each
RCC Aggregate Mixing	ACI 211.1	\$	2,000	each

MASONRY TESTS

Test	Standard Test Method[†]	Fee		
Masonry Grout Compression	C1019, C942	\$	40	each
Masonry Mortar Compression	C270, C780	\$	40	each
Masonry Core Compression and Shear	CA DSA	\$	200	each
Masonry Prism Compression	C1314	\$	150	each
CMU Absorption and Received Moisture	C140	\$	120	each
CMU Compression	C140	\$	125	each
CMU Dimension Verification	C140	\$	55	each
CMU Lineal Shrinkage	C426	\$	300	each

[†]Common ASTM, AASHTO and DOT test methods.

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**2023 KLEINFELDER FEE SCHEDULE FOR
GEOTECHNICAL and MATERIALS LABORATORY TESTING SERVICES**

ROCK TESTS

Test	Standard Test Method†	Fee		
Rock Sample Preparation	D4543	\$	120	each
Rock Direct Shear, 1 Point	D5607	\$	350	each
Rock Mohs Hardness	IRSM	\$	55	each
Rock Point Load Index, per Point*	D5731	\$	65	each
Rock Slake Durability	D4644	\$	240	each
Rock Splitting Tensile/Brazilian, per Point*	D3967	\$	120	each
Rock Direct Tensile	D2936	\$	250	each
Rock Triaxial Compression	D7012-A	\$	420	each
Rock Triaxial Compression w/Modulus of Rupture	D7012-B	\$	560	each
Rock Unconfined Compression	D7012-C	\$	300	each
Rock Unconfined Compression w/Modulus of Rupture	D7012-D	\$	500	each
<i>Above testing fees include routine sample preparation (end grinding) and sample photographs</i>				
<i>*Point load and splitting tensile test fees are per break, not per set of 10.</i>				

EMULSION TESTS

EMULSION TESTS				
Test	Standard Test Method†	Fee		
Emulsion Settlement	D6930, T59	\$	280	each
Emulsion Sieve Test	D6933, T59	\$	125	each
Emulsion Storage Stability	D6930, T59	\$	220	each
Emulsion Torsional Recovery	CT332	\$	190	each
Particle Charge	D7402, T59	\$	125	each
Residue by Evaporation	D6934, T59	\$	140	each
Saybolt Viscosity	D7946, T59	\$	190	each
Slurry Seal Wet Track Abrasion	D3910, ISSA TB100	\$	420	each

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**2023 KLEINFELDER FEE SCHEDULE FOR
GEOTECHNICAL and MATERIALS LABORATORY TESTING SERVICES**

ASPHALT TESTS

MIX PROPERTY TESTS				
Test	Standard Test Method[†]	Fee		
Air Voids Determination (<i>calculation only</i>)	D3203, AI-MS-2	\$	65	each
VMA Determination (<i>calculation only</i>)	AI-MS-2, CT-LP-2	\$	65	each
VFA Determination (<i>calculation only</i>)	AI-MS-2, CT-LP-2	\$	65	each
Volumetric Properties (<i>calculation only</i>)	AI-MS-2, CT-LP-2	\$	55	each
AC Moisture Content	T329	\$	70	each
Gradation of Extracted Aggregate	D5444	\$	150	each
AC Content by Extraction	D2172	\$	260	each
AC Content by Ignition Oven	D6307, T308	\$	190	each
AC Ignition Oven Calibration (<i>determination of mix correction</i>)	D6307	\$	420	each
Hveem Stability	D1560	\$	420	each
Hveem Stability without Compaction	D1560	\$	220	each
Marshall Stability and Flow (<i>does not include compaction</i>)	D6927	\$	210	each
AC Swell	CT305	\$	600	each

DESIGN AND DENSITY TESTS				
Test	Standard Test Method[†]	Fee		
AC Core Thickness	D3549	\$	20	each
AC Core Unit Weight & Thickness	D1188, D2726, D3549	\$	65	each
Unit Weight, Gyratory Method	D6925, T312	\$	390	each
Unit Weight, Hveem Method	D1561	\$	370	each
Unit Weight, Marshall Method	D6926	\$	270	each
Maximum Theoretical Specific Gravity	D2041	\$	200	each
Moisture Induced Damage	T283	\$	1,615	each
Moisture Vapor Susceptibility	CT307	\$	720	each
Hamburg Wheel Track, Set of 2	T324	\$	1,210	each
Index of Retained Strength	D1075	\$	1,375	each
Indirect Tensile Strength (<i>does not include compaction</i>)	D6931	\$	1,050	set/3
Indirect Tensile Strength of Cored Specimen	D6931	\$	420	each
Caltrans Tensile Strength Ratio	CT371	\$	2,200	each
Caltrans Opt Bitumen Content OGFC	CT368	\$	2,035	each
Centrifuge Kerosene Equivalent	CT303	\$	360	each
Film Stripping	CT302	\$	180	each
Mix Design, Hveem Method w/RAP	CT367	\$	8,580	each
Mix Design, Hveem Method	CT367	\$	6,600	each
Mix Design, Marshall Method	AI-MS-2	\$	3,575	each
Mix Design, Superpave Method	AI-MS-2	\$	8,250	each

[†]Common ASTM, AASHTO and DOT test methods.

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**2023 KLEINFELDER FEE SCHEDULE FOR
GEOTECHNICAL and MATERIALS LABORATORY TESTING SERVICES**

METAL TESTS

BOLT TESTS				
Test	Standard Test Method[†]	Fee		
Bolt Assembly Suite (Bolt, Nut, Washer) *	F606	\$	285	each
Bolt Hardness	E18	\$	40	each
Bolt Proof Load	F606	\$	55	each
Bolt Wedge Tensile	F606	\$	55	each
Nut Hardness	E18	\$	40	each
Nut Proof Load	F606	\$	55	each
Washer Hardness	E18	\$	40	each

**An 'assembly' is one bolt, one nut and one washer. The suite consists of a bolt wedge tensile test, bolt and nut proof load tests, and hardness tests on all three pieces.*

REINFORCING BAR TESTS				
Test	Standard Test Method[†]	Fee		
Bend	A370, E290	\$	55	each
Rebar Tensile, up to No. 11	A370, E8	\$	120	each
Rebar Tensile, No. 14 and No. 18	A370, E8	\$	250	each
Rebar Coupler Slip	A370, A1034, CT670	\$	190	each
Rebar Coupler Tensile, up to No. 11	A370, A1034, CT670	\$	120	each
Rebar Coupler Tensile, No. 14 and No. 18	A370, A1034, CT670	\$	250	each
CT670 Strain (Elongation)	CT670	\$	25	each
Headed Rebar Tensile, up to No. 11	A370, A970	\$	120	each
Headed Rebar Tensile, No. 14 and No. 18	A370, A970	\$	250	each
Modulus of Elasticity*	A370	\$	155	Each
Epoxy Coating Thickness	A775, A934	\$	125	each
Epoxy Coating Continuity – Holiday Test	A775, A934	\$	125	each
Epoxy Flexibility - Bending	A775, A934	\$	125	each

**In addition to the testing fee.*

METAL TESTS				
Test	Standard Test Method[†]	Fee		
PT Strand Tensile	A370, A1061	\$	205	each
Anchor Bolt Tensile, up to 1.5" dia.	F1554	\$	190	each
Anchor Bolt Tensile, greater than 1.5" dia.	F1554	\$	310	each
Reduced Section Tensile*	A370	\$	155	each
Rockwell Hardness	E18	\$	40	each
Macroetch	E381	\$	310	each
Charpy Impact, Set of 3 **	A370, A673	\$	470	each
Galvanization Thickness	B499, E376	\$	30	each
Fireproofing Density	E605	\$	95	each

**Machining test specimens is not included. Additional fees for stress-strain diagram.*

***Machining test specimens is not included. Additional fees will be assessed for testing at temperatures other than 40°F.*

[†]Common ASTM, AASHTO and DOT test methods.

- Those beginning with A, B, C, D, E, F, or G are ASTM methods.
- Those beginning with T are AASHTO methods.

**2023 KLEINFELDER FEE SCHEDULE FOR
GEOTECHNICAL and MATERIALS LABORATORY TESTING SERVICES**

DIMENSION STONE AND ROOFING MATERIAL TESTS

DIMENSION STONE				
Test	Standard Test Method†	Fee		
Dimension Stone, Absorption/Specific Gravity	C97	\$	280	set/5
Dimension Stone, Compressive Strength	C170	\$	280	set/5
Dimension Stone, Flexural Strength	C880	\$	280	set/5
Dimension Stone, Modulus of Rupture	C99	\$	280	set/5

MISCELLANEOUS TESTS

MISCELLANEOUS TESTS				
Test	Standard Test Method†	Fee		
Hydraulic Ram Verification	E4	\$	390	each
Tensile and Elastic Modulus Polymer Composite Materials	D3039	\$	750	set/5

SAMPLE PREPARATION

SAMPLE PREPARATION				
Test	Standard Test Method†	Fee		
Rock Sample Preparation	D4543	\$	120	each
Sample Crushing		\$	180	each
Sample Cutting and Trimming		\$	40	each
Sample Mixing and Processing		\$	125	each
Sample Preparation		\$	65	each
Sample Remolding		\$	95	each
Contamination Fee		\$	varies	each
Sample Disposal Fee		\$	10	each

†Common ASTM, AASHTO and DOT test methods.

- Those beginning with A, B, C, D, E, F, or G are ASTM methods.
- Those beginning with T are AASHTO methods.

24-7 2024 Drilling Rates

Drilling - Fully Loaded Labor and Equipment Rates	Non- Prevailing Wage	Prevailing Wage
Truck mounted Hollow Stem Auger Tier 4 Diedrich 70 or Equivalent - 2 man crew	\$250/hr.	\$440/hr.
Truck mounted Hollow Stem Auger Environmental Tier 4 Diedrich 70 or Equivalent - 3 man crew	\$370/hr.	\$560/hr.
Truck mounted Mud Rotary Tier 4 Diedrich 70 or Equivalent - 2 man crew	\$345/hr.	\$495/hr.
Truck mounted Auger/Direct Push Tier 4 Geoprobe 7822DT - 2 man crew	\$250/hr.	\$430/hr.
Rig mob/demob	\$200/hr.	\$395/hr.
Cancellation less than 48 hours prior	\$400/day	\$450/day
Minimum Charge	\$1500/day	\$1800/day

Note 1: Drilling rates apply to onsite mob/demob, dilling, and standby time.

Other Rates	Non- Prevailing Wage	Prevailing Wage
Additional Drillers Helper	\$95hr	\$150hr
Overtime, after 8 hours	1.5 times regular rate	1.5 times regular rate
Nights and Saturdays	1.5 times regular rate	1.5 times regular rate
Premium Time Sundays	2.0 times regular time	2.0 times regular time
Daily Crew Travel	\$150/man/hr	\$300/man/hr
Per Diem	\$250/man/day	\$250/man/day
Concrete Coring, min. 4 hours	\$150/hr.	\$200/hr.
GPR Survey, min. 4 hours	\$150/hr.	\$200/hr.
Additional Equipment Rental	Cont. Additional Equipment Rental	
Asphalt Grinder	\$200/day	Hot Mix Asphalt Unit \$400/day
Air Compressor	\$1000/day	Jackhammer \$200/day
Bulldog Bit use	\$150/boring	Mud Rotary Equipment \$500/day
Dietrich Continuous Core Sampling System	\$200/day	ODEX air rotary equipment \$1500/day
Decon Trailer	\$250/day	Rock Coring Equipment \$1500/day
Support Truck	\$500/day	Concrete saw \$250/day
GUS Piston Shelby tube Sampler	\$250/day	Vibrating Plate Compactor \$100/day
Generator	\$50/day	Water Tank - External \$100/day
Grout pump use	\$250/day	Light Tower \$300/night

Note 2: Other equipment and material are available by request for additional fee

Website: 247drilling.com
Email: jr@247drilling.com
Phone: 760.250.8320

Materials	
Asphalt Patch	\$25/bag
Bentonite Pellets	\$60/pail
Bentonite Pellets (TR)	\$90/pail
Bentonite Chips	\$20/ea
Bentonite Powder	\$30/ea
Benseal	\$25/ea
Cement 47#	\$25/bag
Concrete Quick Set	\$30/bag
Concrete Black Dye	\$15/ea
Core Box Cardboard/Wax	\$20/ea
Drums - 55 gallon	\$80/ea
Drilling Bits	\$40/ea
Drilling Mud	\$30/ea
Drill mud Polymers	\$250/pail
Gravel or Sand Bulk MSU bags	\$75/ea
Gravel - 50# bag	\$15/ea
Grout - Cement and or Bentonite	\$10/ft
Rock Core Diamond Bit/Reaming Shell	\$1000/ea
Sample can and 6 rings	\$30/bag
Sand - 50#	\$20/bag
Shelby Tubes and Caps	\$50/ea
Visqueen - 6 mil 100' x 20'	\$150/box
Well Box 8"	\$80/ea
Well Box 12"	\$120/ea
Well Box Monument	\$300/ea
1" PVC Sch 40 Screen	\$6/ft
1" PVC Sch 40 Blank	\$4/ft
1" PVC Slip Cap or Coupler	\$5/ea
1" PVC Threaded Cap	\$15/ea
1" Locking Plug	\$25/ea
2" PVC Sch 40 Screen	\$10/ft
2" PVC Sch 40 Blank	\$6/ft
2" PVC Slip Cap or Coupler	\$5/ea
2" PVC Threaded Cap	\$15/ea
2" Locking Plug	\$30/ea
2" Filter Sock	\$1.50/ft
4" PVC Sch 40 Screen	\$15/ft
4" PVC Sch 40 Blank	\$12/ft
4" PVC Slip Cap or Coupler	\$10/ea
4" PVC Threaded Cap	\$20/ea
4" Locking Plug	\$40/ea
3" Perforated Pipe	\$2.50/ft
3" Non Perforated Pipe	\$2.50/ft
3" Filter Sock	\$2/ft

Materials subject to vendor price increases

Website: 247drilling.com
 Email: jr@247drilling.com
 Phone: 760.250.8320



2024 SCHEDULE OF FEES

LABORATORY TESTING SERVICES

EFFECTIVE JANUARY 1, 2024

The following unit rates are for tests routinely performed at our geotechnical laboratory in Pomona, California. Normal turnaround time (TAT) is 5 business days for most tests. Rush basis is available for some tests with an additional charge of 60, 40, 30, 20 and 10% for same day, 1, 2, 3 and 4 business days TAT, respectively. Samples received after 12 PM will be considered as the next day morning delivery. Call our office for the availability of rush testing.

A. Identification and Index Properties Test	Unit Price
Visual Classification-ASTM D2488	\$30.00
Moisture Content-ASTM D2216	\$14.00
Moisture Content & Density-ASTM D2216 and D7263	
Shelby Tube Sample	\$32.00
Ring Sample	\$23.00
Atterberg Limits-ASTM D4318	
Three Point	\$110.00
One Point	\$70.00
Non-Plastic	\$45.00
Particle-Size Analysis	
Coarse and Fine Sieve Analyses for Soils (from No. 200 to 3 inch) -ASTM D6913 or C136, CT 202	\$160.00
Fine Sieve Analysis for Soils (from #200 to No. 4 sieve) -ASTM D6913 or C136, CT 202	\$105.00
Particle-Size Analysis (Hydrometer with Fine Sieve as above) -ASTM D6913 & D7928	\$155.00
Particle-Size Analysis (Hydrometer with Coarse+Fine Sieves as above) -ASTM D6913 & D7928	\$200.00
Percent Passing #200 Sieve -ASTM D1140	\$68.00
Specific Gravity	
Fine (passing No. 4 sieve)-ASTM D854	\$70.00
Coarse (retained on No. 4 sieve)-ASTM C127	\$88.00
Porosity (Total, Air-Filled & Water Filled) (Test includes density and specific gravity)	\$155.00
Sand Equivalent Value-ASTM D2419	\$72.00
Photograph of Specimen	\$5.00
B. Soil Corrosivity and Organic Content	
Soil pH-DOT CA Test 643	\$23.00
Electrical Resistivity-DOT CA Test 643	\$55.00
Sulfate Content-DOT CA Test 417-B	\$55.00
Chloride Content-DOT CA Test 422	\$55.00
Corrosion Suite including all above	\$145.00
Organic Matter Content-ASTM D2974	\$75.00
C. Compaction, CBR and R-value	
Standard Proctor Compaction-ASTM D698	
Method A (4-inch mold)	\$145.00
Method B or C (6-inch mold)	\$160.00
Modified Proctor Compaction-ASTM D1557 (including rock correction w/assumed Specific Gravity)	
Procedures A and B (4-inch mold)	\$160.00
Procedure C (6-inch mold)	\$175.00
Caltrans CT 216	\$200.00
California Bearing Ratio (CBR)-ASTM D1883 (proctor compaction charged separately)	
Three Points	\$425.00
One Point	\$200.00
R-Value-ASTM D2844	\$255.00
Samples treated with Lime or Cement	\$60.00

D. Shear Strength

Pocket Penetrometer	\$10.00
Torvane	\$10.00
Direct Shear-ASTM D 3080 (Regular Shear Rate=0.025 in/min, otherwise noted below)	
Single Point Direct Shear with stress-strain curve (regular speed = 0.025 in/min)	\$95.00
3-Point Direct Shear with stress-strain curves (regular speed = 0.025 in/min)	\$210.00
3-Point Direct Shear with stress-strain curves (slow speed = 0.005 in/min)	\$285.00
Residual Shear Strength (5 passes of shearing, regular 0.025 in/min speed)	\$360.00
Shelby Tube Cutting, Trimming or Remolding of Specimens (per sample)	\$45.00
Static Uniaxial and Triaxial Strength Tests	
Unconfined Compression (UC) - ASTM D2166	\$120.00
Unconsolidated Undrained (UU,Q) - ASTM D2850	\$145.00
Consolidated Undrained (CU,R) with Pore Pressure Measurement (per point) - ASTM D4767	\$340.00
Consolidated Drained (CD,S) with Volume Change on Sands (per point) - ASTM D7181	\$340.00
Three-Stage CU Triaxial Tests (1sample, 3 confining pressures)	\$750.00
Shelby Tube Cutting, Trimming or Remolding of Specimens (per sample)	\$45.00

E. Consolidation and Swell Tests

Consolidation Test-ASTM D2435	
Double increment loading up to 12.8 or 16 ksf and unload (10 total loads) <u>(no full time readings/plots)</u>	\$180.00
Each additional load or unload without full time readings/plots	\$15.00
Full time readings and plot of time curve per load	\$40.00
Shelby Tube Cutting, Trimming or Remolding of Specimens (per sample)	\$40.00
Expansion Index Test-ASTM D4829	\$100.00
Single Load Swell/Collapse Test-ASTM D4546	\$100.00

F. Permeability Tests

Constant Head Permeability of Granular Soils -ASTM D2434	\$185.00
Triaxial Permeability in Flexible-Wall Permeameter- ASTM D5084	
-Measurement at One Effective Stress	\$185.00
-Each Additional Effective Stress	\$80.00
Shelby Tube Cutting, Trimming or Remolding of Specimens (per sample)	\$45.00

G. Rock Core Tests

Uniaxial Compressive Strength of Rock Core <u>(no stress-strain curve)</u>	\$155.00
-Initial Tangent Modulus of Elasticity	Call for Pricing
Rock Core Cutting (per specimen)	\$45.00
Slake Durability (ASTM D4644)	\$190.00
Point Load Index (ASTM D5731)	\$105.00

H. Other Special Tests

Pin Hole Dispersion	\$260.00
Using pH to Estimate the Soil-Lime Proportion Requirement for Soil Stabilization, ASTM D 6276	\$170.00
LA Abrasion, ASTM C 131	
-Method A	\$255.00
-Method B & C	\$190.00
-Method D	\$125.00

I. Sample Pickup, Disposal and Return Policy

Sample Pickup up to 150 lbs within 30 miles radius area (24-hour notice is required)	\$125.00
Sample Disposal Policy:	
The remaining portions of tested samples will be disposed of 30 days after project completion <u>without notice</u> .	
A disposal fee of \$15 per bag will be imposed on all untested bulk samples.	

J. Rings and Cans

Preparation of clean rings and cans (recycled 6 rings per can)	\$5.00/can
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For inquiries please call our office at (909) 869-6316 or email to justin@aplaboratory.com

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA
Tel: 909-590-5905 E-Mail: Envirocheminc@gmail.com

Quotation

To: Kleinfelder
c| 909.841.2153

Ms. Libby Boddy
E-Mail: LBoddy@kleinfelder.com

From: Jessica Lin/Enviro-Chem, Inc. (909)590-5905 E-Mail: EnviroChemInc@GMail.com

Date: December 11, 2023

Subject: **RCTC On-Call Engineering Services for Geotechnical and Materials Testing**

Matrix	Test	Test Method	Unit Price
L/S/SL/W	% Moisture or % Solid	SM 2540B/SM 2540B M	\$20.00
L/S/SL/W	Oil & Grease (IR)	EPA 413.2	\$200.00
L/S/SL/W	Oil & Grease (TRPH)	EPA 418.1	\$200.00
L/S/SL/W	Oil & Grease (Total)	EPA 1664A-HEM	\$100.00
L/S/SL/W	Oil & Grease (Total+Non-Polar)	EPA 1664A-HEM-SGT	\$120.00
L/S/SL/W	TPH-Diesel (Extractable)	EPA 8015B	\$70.00
L/S/SL/W	TPH-Diesel/Oil Or CCID (Extractable)	EPA 8015B	\$90.00
L/S/SL/W	TPH-Gasoline/BTEX/MTBE	EPA 8015B/8021B	\$60.00
L/S/SL/W	TPH-Gasoline	EPA 8015B	\$50.00
L/S/SL/W	BTEX/Oxygenates	EPA 8260B	\$100.00
L/S/SL/W	VOCs (Full List W/O Oxygenates)	EPA 8260B	\$140.00
L/S/SL/W	VOCs (Full List + Oxygenates)	EPA 8260B	\$160.00
VAPOR	BTEX+OXY (Air)	EPA 8260B	\$160.00
L/S/SL/W	VOCs (Oxygenates Only)	EPA 8260B	\$100.00
L/S/SL/W	SVOCs	EPA 8270C or 625.1	\$300.00
L/S/SL/W	Polynuclear Aromatic Hydrocarbons	EPA 8270C or 8270C-SIM	\$250.00
Soil/Sludge	pH	EPA 9045C	\$30.00
Water	pH	EPA 9040B/4500-H ⁺ B	\$20.00
L/S/SL/W	Organochlorine Pesticides	EPA 8081A or 608.3	\$130.00
L	PCBs (Oil)	EPA 8082	\$70.00
S/SL/W	PCBs (Soil/Water)	EPA 8082 or 608.3	\$100.00
Any	PCBs (Soxhlet Extraction)	EPA 8082/3045C	\$140.00
L/S/SL/W	Organophosphorus Pesticides	EPA 8141A	\$200.00
L/S/SL/W	Chlorinated Herbicides	EPA 8151A	\$250.00
L/S/SL/W	Hexavalent Cr	EPA 7199	\$110.00
L/S/SL/W	Hexavalent Cr	EPA 7196A	\$80.00
L/S/SL/W	CAM 17 TTLC Metals	EPA 6010B/7471A	\$180.00
L/S/SL/W	TTLC-Digestion	EPA 3050B	\$30.00
L/S/SL/W	STLC-Extraction	WET	\$70.00
L/S/SL/W	TCLP-Extraction	TCLP	\$70.00
L/S/SL/W	ICP Metals (Except Hg) Per metal needed	6010B or 200.7	\$30.00
L/S/SL/W	(any additional metal after 1st metal)		\$20.00
L/S/SL/W	Mercury	7471A or 7470A	\$60.00
L/S/SL/W	Fish Bioassay **	LC-50	\$400.00
Soil	EPA 5035 Sampling Kits	EPA 5035	\$20.00
Soil	5035 Handle	EPA 5035	\$25.00
Wipe	Wipe Kit	---	\$20.00
SW	Stormwater bottles	---	\$40.00

1) Prices are based on standard QA/QC report and are based on 7 **Working Day** turnaround time (TAT) for results done in house.

** = Subcontract item, Standard TAT is 10-14 Working days

2) Sample cut off time is 10am for Sameday, 12PM for 24-HR, any sample received after 3pm will be logged in the following working day.

3) Rush results can be obtained for the following surcharges:

200% = Sameday TAT (If Possible), 100% = 24-Hour TAT, 50% = 48-Hour TAT, 25% = 72-Hour TAT.

4) A Waste Disposal Fee of \$5 will be charged per Non-Hazardous sample. For Hazardous samples, customers are responsible for pick up and disposal.

5) Sample Pickup Service Rate: \$100 per pick-up within 30 miles of Enviro-Chem, if over 30 miles please call for pricing.

Feel free to call us at (909) 590-5905 should you have any questions

Sincerely,

Jessica Lin

Operations Manager



**RCTD On-Call Fee Schedule
Time and Materials/Fixed Price Contract**

Labor

<u>Category</u>	<u>Hourly Rate</u>
Principal	300
Senior Geophysicist	220
Project Manager	150
CADD / Mapping specialist	120
Senior Project Geophysicist	126
Project Geophysicist	120
Senior Staff Geophysicist	115
Staff Geophysicist	95
Senior Geophysical Technician	105
Geophysical Technician II	95
Geophysical Technician I	75
Clerical	65

Expenses

<u>Category</u>	<u>Fee</u>
Materials	Cost
Travel Expenses	Cost
billed per California State Regulations	
Internal Computer Resources	Included in labor rates

Subcontracts

Cost Overhead on Subcontracts	Cost
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Valid through December 2024
Subject to 4% increase January each year



Equipment Fee Schedule (US\$)
Time and Materials/Fixed Fee Contract

Equipment Item (qty if more than 1)	Day	Week	Month
Geonics EM-31DL Terrain Conductivity Meter w/data logger (2)	100	500	1,500
Geonics EM-61 High Sensitivity Digital Metal Detector w/data logger (2)	100	500	1,500
Geonics EM-61MK2A High Sensitivity Digital Metal Detector w/data logger	130	650	1,950
Geometrics G-858 Cesium Magnetometer	160	800	2,400
Gem GSM-19 Walking Magnetometer	60	300	900
GSSI SIR10, 20, 3000, 4000 Ground Penetrating Radar Unit (4)	135	675	2,025
GSSI GPR Antenna (2.6, 1.5 GHz, 900, 400, 350, 275, 200 MHz – ground coupled)	80	400	1,200
Geometrics Geode 24-channel Seismograph (4)	130	650	1,950
Twenty-five 8 to 40 Hz Geophones with Muller or Kooter takeouts (350)	60	300	900
Twenty-Five 4.5 Hz Geophones (80)	120	600	1,800
InstanTel Micromate seismograph for vibration monitoring – add \$50 “Cal Fee” first use	65	325	975
InstanTel MicroMate seismograph – with stainless steel enclosure, battery and charger	110	550	1,650
IVI T15000 MiniVib Seismic Reflection System including MiniVib	1,680	8,400	25,200
Horizontally Polarized Shear-Wave Vibrator seismic Source (MicroVib)	1,000	5,000	15,000
Seismic Refraction/Reflection Cable, including adapters (25)	30	150	450
Input/Output RLS240M Roll Box with cable adapters	30	150	450
Betsy Downhole Percussion Firing Rod without shells	20	100	300
Accelerated Weight Drop (AWD) PEG40Kg (3) and Geometrics AWD 80Kg (1)	140	700	2,100
Kinometrics Ranger or Oyo Geospace 1Hz Seismometer (8)	20	100	300
Kinometrics Episensor Accelerometer (2)	20	100	300
Geostuff Triax BHG-3 Borehole Geophone	75	375	1,125
Metrotech/RadioDetection/Dynatel/Ditchwitch Utility Locator (8)	40	200	600
Fisher TW-6 Metal Detector (6)	20	100	300
Schonstedt GA72Cd Magnetic Locator (5)	10	50	150
Tempos or Decagon Thermal Properties Analyzer	40	200	600
IEI Impulse Echo System	220	1,100	3,300
HP Spectrum Analyzer	170	850	2,550
GeoVISION Nano NTSC borehole camera	500	2,500	7,500
Sokkia Axis3 or Trimble Pro XR GPS Unit (2)	90	450	1,350
Nikon AP-7 or Sokkia C300 Automatic Level (2)	10	50	150
Nikon NPL-362 Total Station	80	400	1,200
General 210 Motorized Auger	10	50	150
Honda EX650 or EU2000i generator (3)	10	50	150
Polaris Ranger/Quad with Trailer, or Truck/Van (10)	140	420	1,260

Complete Systems	Day	Week	Month
Full Utility Search Vehicle with GPR, Fisher, 2 EM utility locators, field supplies (5)	550	2,750	8,250
Full UST and Utility Search Vehicle with EM, Magnetic, GPR, Fisher, Metrotech, and RD400 equipment	720	3,600	10,800
SUE (Subsurface Utility Engineering) Equipment to augment Utility Search, including Compressor, Air powered spade and other digging tools, Vacuum Extraction System, and Nikon NPL-362 Total Station	1,100	5,500	16,500
Oyo P-S Wave Suspension Logging System with Logging Truck (w/o truck -\$100) (4)	1,100	5,500	16,500
Robertson Borehole Televiewer (both HRAT and OPTV) including winch, Micrologger II, SmartWinch, and Logging Truck (w/o truck subtract \$100) (2)	610	3,050	9,150
Robertson E-Logging system including winch, Micrologger II, SmartWinch, E-log probe (16"/64" Normal Resistivity / Natural Gamma / SPR / SP), and Caliper probe, and Logging Truck (w/o truck subtract \$100) (2)	330	1,650	4,950
Robertson Caliper/Nat'l Gamma, or Fluid Temp/Conductivity/N Gamma, add-on to E-Log	170	850	2,550
Geostuff Downhole Seismic Probe incl. cables, Geode, shear wave plank and vehicle	440	2,200	6,600
GEOVision "Triple Whammy" high energy P- and S-wave surface source for downhole seismic, includes 3 PEG 40KG accelerated weight drop generators	550	2,750	8,250
SASW System (HP Analyzer, 1 Hz seismometers, AWD or shaker source)	390	1,950	5,850
Full Surface-Wave System, including MASW, SASW, ReMi (includes SASW system plus refraction system with Geodes)	720	3,600	10,800
Seismic Refraction System (24 channel, cables, geophones, sledge hammer, AWD or Betsy firing rod, level, GPS system) (2)	550	2,750	8,250
Seismic Refraction System (48 channel, cables, geophones, sledge hammer, AWD or Betsy firing rod, level, GPS system, high voltage blaster, radio trigger)	830	4,150	12,450
MRI vibration survey system (HP Analyzer, PCB non-ferrous sensors, signal conditioner)	330	1,650	4,950
AGI SuperSting R8 IP earth resistivity system with R8/112 Switch Box and 56 electrodes	410	2,050	6,150
AGI SuperSting R8 IP earth resistivity system with R8/112 Switch Box and 112 electrodes	720	3,600	10,800
Trimble R8 RTK GPS System (Rover, Base, Radio, Data Collector, etc.)	330	1,650	4,950
MicroVib Seismic Reflection System including MicroVib, Doghouse with 144Ch Geometrics Geode Acquisition system, Input/Output Roll Box, 5KVA generator, 240 channels 40Hz S-wave geophones, and cables	1,980	9,900	29,700
IVI T15000 MiniVib Seismic Reflection System including MiniVib, Doghouse with 144Ch Geode Acquisition system, Input/Output Roll Box, 5KVA generator, 240 channels 28Hz P-wave OR 40-Hz S-wave geophones, and cables	2,420	12,100	36,300

Valid through December 2023

Hi-Way Safety Rentals Inc.

13310 5th St. Chino, Ca. 91710
 (909) 591-1781 Estimating Fax (909) 364-2371

520 W. Grand Ave. Escondido, Ca. 92025
 (760) 745-2250 Fax (760) 745-2094

Contractors License#934148 A-General Engineering, C-31 Work Zone Traffic Control, C-32 Highway Improvements DIR#1000034374

Prepared	KLEINFELDER		Today's Date	12/19/2023
Location			Bid Date	
Reference	RIVERSIDE COUNTY		Delivery Date	
Phone		Fax	Job #	
			P.O. #	

Quotation

ITEM	QTY	UNIT	DESCRIPTION	UNIT	TOTAL
1	1	SHIFT	2 MAN CREW ONSITE UP TO 8 HOURS WITH EQUIPMENT LISTED	\$ 1,750.00	\$ 1,750.00
			BELOW.		
			OVERTIME RATE IS \$220.00/HOUR (8+ TO 12 HOURS ONSITE)		
			EQUIPMENT:		
	2	EA	SOLAR ARROW BOARD		
	20	EA	PRE-WARNING SIGNS		
	10	EA	SIGNS MTD ON TYPE I BARRICADE		
	150	EA	28" TRAFFIC CONES W/COLLARS		
	2	EA	TRAFFIC CONTROL TRUCK		
			SAMPLE QUOTATION		
			Due to the nature of service, lane closures, etc. all rates to be calculated on a task order basis when provided the complete scope.		

QUOTATION SUBMITTED BY: LUIS DIAZ			SUBTOTAL	
CERTIFIED PAYROLL REQUIRED	YES	NO	TAX	
1. ALL RENTAL ITEMS PROPERTY OF HI-WAY SAFETY RENTALS INC.			FREIGHT	
2. INSTALLATIONS EXCLUDE ANY CUTTING OR CORING OF ASPHALT OR CONCRETE			LABOR	
3. CUSTOMER RESPONSIBLE FOR LOSS OR DAMAGE OF EQUIPMENT WHILE ON RENT			OTHER	
4. 1 MOVE IN INCLUDED UNLESS OTHERWISE NOTED.			TOTAL	T.B.D.
5. THIS QUOTE WILL BE HONORED FOR AT LEAST 30 DAYS				

To accept this quote please sign above and indicate whether certified payroll will be required and fax to 909.364.2371

ATTACHMENT D • TITLE VI ASSURANCES

ARTICLE DI • INTRODUCTION

The U.S. Department of Transportation Order No. 1050.2A requires all federal-aid Department of Transportation contracts between COUNTY and CONSULTANT to contain Clauses A and E of Article DII • Clauses below. Clauses B, C, and D of Article DII • Clauses below are only applicable as shown below. In addition, the CONSULTANT must include Clauses A and E, and if applicable, Clauses B, C, and D of Article DII • Clauses below in all subcontracts to perform work under this Agreement.

Clause B of Article DII • Clauses below shall be included as a covenant running with the land, in any deed from the United States effecting or recording a transfer of real property, structures, use or improvements thereon or interest therein to COUNTY. Clauses C and D of Article DII • Clauses below shall be included as a covenant running with the land, in any future deeds, leases, licenses, permits, or similar instruments entered into by COUNTY with other parties: (a) for the subsequent transfer of real property acquired or improved under the applicable activity, project or program; and (b) for the construction of use of, or access to, space on, over, or under real property acquired or improved under the applicable activity, project or program.

ARTICLE DII • CLAUSES

CLAUSE A

During the performance of this Agreement, the CONSULTANT, for itself, its assignees and successors in interest (hereinafter collectively referred to as CONSULTANT) agrees as follows:

- a. Compliance with Regulations: CONSULTANT shall comply with the regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation, Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the REGULATIONS), which are herein incorporated by reference and made a part of this Agreement.
- b. Nondiscrimination: CONSULTANT, with regard to the work performed by it during the Agreement, shall not discriminate on the grounds of race, color, sex, national origin, religion, age, or disability in the selection and retention of sub-applicants, including procurements of materials and leases of equipment. CONSULTANT shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the REGULATIONS, including employment practices when the agreement covers a program set forth in Appendix B of the REGULATIONS.

- 1 c. Solicitations for Sub-agreements, Including Procurements of Materials and Equipment: In all solicitations
2 either by competitive bidding or negotiation made by CONSULTANT for work to be performed under a Sub-
3 agreement, including procurements of materials or leases of equipment, each potential sub-applicant or
4 supplier shall be notified by CONSULTANT of the CONSULTANT'S obligations under this Agreement and
5 the REGULATIONS relative to nondiscrimination on the grounds of race, color, or national origin.
- 6 d. Information and Reports: CONSULTANT shall provide all information and reports required by the
7 REGULATIONS, or directives issued pursuant thereto, and shall permit access to its books, records,
8 accounts, other sources of information, and its facilities as may be determined by the recipient or FHWA to
9 be pertinent to ascertain compliance with such REGULATIONS or directives. Where any information
10 required of CONSULTANT is in the exclusive possession of another who fails or refuses to furnish this
11 information, CONSULTANT shall so certify to the recipient or FHWA as appropriate, and shall set forth what
12 efforts CONSULTANT has made to obtain the information.
- 13 e. Sanctions for Noncompliance: In the event of CONSULTANT's noncompliance with the nondiscrimination
14 provisions of this Agreement, the recipient shall impose such agreement sanctions as it or the FHWA may
15 determine to be appropriate, including, but not limited to:
- 16 i. withholding of payments to CONSULTANT under the Agreement within a reasonable period of time,
17 not to exceed 90 days; and/or
 - 18 ii. cancellation, termination or suspension of the Agreement, in whole or in part.
- 19 f. Incorporation of Provisions: CONSULTANT shall include the provisions of paragraphs (1) through (6) in
20 every sub-agreement, including procurements of materials and leases of equipment, unless exempt by the
21 REGULATIONS, or directives issued pursuant thereto.

22 CONSULTANT shall take such action with respect to any sub-agreement or procurement as the recipient or
23 FHWA may direct as a means of enforcing such provisions including sanctions for noncompliance, provided,
24 however, that, in the event CONSULTANT becomes involved in, or is threatened with, litigation with a sub-
25 applicant or supplier as a result of such direction, CONSULTANT may request the recipient enter into such
26 litigation to protect the interests of the State, and, in addition, CONSULTANT may request the United States to
27 enter into such litigation to protect the interests of the United States.

28
29 **CLAUSE B: CLAUSES FOR DEEDS TRANSFERRING UNITED STATES PROPERTY**

1 The following clauses will be included in deeds effecting or recording the transfer of real property, structures, or
 2 improvements thereon, or granting interest therein from the United States pursuant to the provisions of Assurance
 3 4:

4
 5 **NOW THEREFORE**, the U.S. Department of Transportation as authorized by law and upon the condition that
 6 the recipient will accept title to the lands and maintain the project constructed thereon in accordance with Title
 7 23 U.S.C., the regulations for the administration of the preceding statute, and the policies and procedures
 8 prescribed by the FHWA of the U.S. Department of Transportation in accordance and in compliance with all
 9 requirements imposed by Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A,
 10 Office of the Secretary, Part 21, Non-discrimination in Federally-assisted programs of the U.S. Department of
 11 Transportation pertaining to and effectuating the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat.
 12 252; 42 U.S.C. § 2000d to 2000d-4), does hereby remise, release, quitclaim and convey unto the recipient all
 13 the right, title and interest of the U.S. Department of Transportation in and to said lands described in Exhibit A
 14 attached hereto and made a part hereof.

15
 16 **(HABENDUM CLAUSE)**

17 **TO HAVE AND TO HOLD** said lands and interests therein unto the recipient and its successors forever, subject,
 18 however, to the covenants, conditions, restrictions and reservations herein contained as follows, which will
 19 remain in effect for the period during which the real property or structures are used for a purpose for which
 20 Federal financial assistance is extended or for another purpose involving the provision of similar services or
 21 benefits and will be binding on the recipient, its successors and assigns. The recipient, in consideration of the
 22 conveyance of said lands and interest in lands, does hereby covenant and agree as a covenant running with
 23 the land for itself, its successors and assigns, that (1) no person will on the grounds of race, color, or national
 24 origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination
 25 with regard to any facility located wholly or in part on, over, or under such lands hereby conveyed [,] [and]* (2)
 26 that the recipient will use the lands and interests in lands and interest in lands so conveyed, in compliance with
 27 all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. Department of
 28 Transportation, Subtitle A, Office of the Secretary, Part 21, Non-discrimination in Federally-assisted programs
 29 of the Department of Transportation, Effectuation of Title VI of the Civil Rights Act of 1964, and as said

1 Regulations and Acts may be amended [, and (3) that in the event of breach of any of the above- mentioned
2 non-discrimination conditions, the Department will have a right to enter or re-enter said lands and facilities on
3 said lands, and that above described land and facilities will thereon revert to and vest in and become the
4 absolute property of the U.S. Department of Transportation and its assigns as such interest existed prior to this
5 instruction].*

6
7 (*Reverter clause and related language to be used only when it is determined that such a clause is necessary
8 in order to make clear the purpose of Title VI.)

9
10 **CLAUSE C: CLAUSES FOR TRANSFER OF REAL PROPERTY ACQUIRED OR IMPROVED UNDER THE**
11 **ACTIVITY, FACILITY, OR PROGRAM**

12 The following clauses will be included in deeds, licenses, leases, permits, or similar instruments entered into by the
13 recipient pursuant to the provisions of Assurance 7(a):

14 A. The (grantee, lessee, permittee, etc. as appropriate) for himself/herself, his/her heirs, personal
15 representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby
16 covenant and agree [in the case of deeds and leases add "as a covenant running with the land"] that:

- 17 1. In the event facilities are constructed, maintained, or otherwise operated on the property described
18 in this (deed, license, lease, permit, etc.) for a purpose for which a U.S. Department of
19 Transportation activity, facility, or program is extended or for another purpose involving the
20 provision of similar services or benefits, the (grantee, licensee, lessee, permittee, etc.) will maintain
21 and operate such facilities and services in compliance with all requirements imposed by the Acts
22 and Regulations (as may be amended) such that no person on the grounds of race, color, or
23 national origin, will be excluded from participation in, denied the benefits of, or be otherwise
24 subjected to discrimination in the use of said facilities.

25 B. With respect to licenses, leases, permits, etc., in the event of breach of any of the above Nondiscrimination
26 covenants, the recipient will have the right to terminate the (lease, license, permit, etc.) and to enter, re-
27 enter, and repossess said lands and facilities thereon, and hold the same as if the (lease, license, permit,
28 etc.) had never been made or issued.*

29 C. With respect to a deed, in the event of breach of any of the above Non-discrimination covenants, the

1 recipient will have the right to enter or re-enter the lands and facilities thereon, and the above described
2 lands and facilities will there upon revert to and vest in and become the absolute property of the recipient
3 and its assigns.*

4 (*Reverter clause and related language to be used only when it is determined that such a clause is
5 necessary to make clear the purpose of Title VI.)

6
7 **CLAUSE D: CLAUSES FOR CONSTRUCTION/USE/ACCESS TO REAL PROPERTY ACQUIRED UNDER THE**
8 **ACTIVITY, FACILITY OR PROGRAM**

9 The following clauses will be included in deeds, licenses, permits, or similar instruments/agreements entered into
10 by the recipient pursuant to the provisions of Assurance 7(b):

11 A. The (grantee, licensee, permittee, etc., as appropriate) for himself/herself, his/her heirs, personal
12 representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby
13 covenant and agree (in the case of deeds and leases add, "as a covenant running with the land") that (1)
14 no person on the ground of race, color, or national origin, will be excluded from participation in, denied the
15 benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the
16 construction of any improvements on, over, or under such land, and the furnishings of services thereon,
17 no person on the ground of race, color, or national origin, will be excluded from participation in, denied the
18 benefits or, or otherwise be subjected to discrimination, (3) that the (grantee, licensee, lessee, permittee,
19 etc.) will use the premises in compliance with all other requirements imposed by or pursuant to the Acts
20 and Regulations, as amended, set forth in this Assurance.

21 B. With respect to (licenses, leases, permits, etc.) in the event of breach of any of the above of the above
22 Non-discrimination covenants, the recipient will have the right to terminate the (license, permits, etc., as
23 appropriate) and to enter or re-enter and repossess said land and the facilities thereon, and hold the same
24 as if said (license, permit, etc., as appropriate) had never been made or issued.*

25 C. With respect to deeds, in the event of breach of any of the above Non-discrimination covenants, the
26 recipient will there upon revert to and vest in and become the absolute property of the recipient and its
27 assigns.

CLAUSE E:

During the performance of this Agreement, the CONSULTANT, for itself, its assignees, and successors in interest (hereinafter referred to as the "CONSULTANT") agrees to comply with the following nondiscrimination statutes and authorities, including, but not limited to:

Pertinent Non-Discrimination Authorities:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), prohibits discrimination on the basis of sex;
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 U.S.C. § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination of the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 – 12189) as implemented by Department of Transportation regulations 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-

1 Income Populations, which ensures discrimination against minority populations by discouraging programs,
2 policies, and activities with disproportionately high and adverse human health or environmental effects on
3 minority and low-income populations;

- 4 • Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and
5 resulting agency guidance, national origin discrimination includes discrimination because of Limited English
6 Proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP
7 persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- 8 • Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating
9 because of sex in education programs or activities (20 U.S.C.1681 et seq).

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