

CONTRACT AMENDMENT ROUTING SHEET

Date Prepared: _____

Need Date: _____

PROCESSING DEPARTMENT:

Department: CAO P&C

Dept. Contact: Matthew Potter

Phone: X5417

Department: _____

Head Signature: S. R. Ewert

Sandy Ewert
Administrative Analyst
Supervisor

CONTRACTOR:

Name: Dewberry Engineers, Inc.

Address: 11060 White Rock Road, Suite 200

Rancho Cordova, Ca 95670

Phone: 916.363.4210

Org Code: 3610100

Project String
(if applicable): _____

CONTRACTING DEPARTMENT: Department of Transportation

Service Requested: Review and Approve

Description: First Amendment to Construction Management and Environmental Support Services for the Sly Park Road at Clear Creek Crossing – Bridge Replacement Project

Contract Term: 3 years Contract Value: \$513,364.18

COUNTY COUNSEL: (must approve all contracts and MOU's)

Approved: X Disapproved: _____ Date: 12/13/19 By: Bre Moebius

Approved: _____ Disapproved: _____ Date: _____ By: _____

COUNSEL -- PLEASE FORWARD TO HR AND RISK MANAGEMENT -- THANKS!

HR APPROVAL:

Compliance with Human Resources requirements? Yes: _____ No: _____

Compliance verified by: _____

RISK MANAGEMENT APPROVAL: (all contracts & MOU's except boilerplate grant funding contracts)

Approved: ✓ Disapproved: _____ Date: 16 Dec 2019 By: [Signature]

Approved: _____ Disapproved: _____ Date: _____ By: _____

OTHER APPROVAL: (Specify department(s) participating or directly affected by this contract).

Departments: _____

Approved: _____ Disapproved: _____ Date: _____ By: _____

Approved: _____ Disapproved: _____ Date: _____ By: _____

PLEASE EMAIL cao-contracts-newrequests@edcgov.us FOR PICK-UP

EDC COUNTY COUNSEL
2019 NOV 22 PM 2:48

ORIGINAL

#4358

Dewberry Engineers Inc.

doing business as

Dewberry | Drake Haglan

FIRST AMENDMENT TO AGREEMENT FOR SERVICES #2885

THIS FIRST AMENDMENT to that Agreement for Services #2885 made and entered into by and between the County of El Dorado, a political subdivision of the State of California (hereinafter referred to as "County"), and Drake, Haglan & Associates, Inc., a corporation duly qualified to conduct business in the state of California, now owned and operating as Dewberry Engineers Inc. doing business as Dewberry | Drake Haglan, a New York corporation duly qualified to conduct business in the State of California, whose principal place of business is 8401 Arlington Boulevard, Fairfax, Virginia 22031 and whose local address is 11060 White Rock Road, Suite 200, Rancho Cordova, California 95670 (hereinafter referred to as "Consultant");

RECITALS

WHEREAS, Drake, Haglan & Associates, Inc. has been engaged by County to assist County with construction management and environmental support services for the Department of Transportation pursuant to Agreement for Services #2885, dated May 22, 2018, incorporated herein and made by reference a part hereof (hereinafter referred to as "Agreement");

WHEREAS, ARTICLE X, F, Subcontracting, of the Agreement prohibits Drake, Haglan & Associates, Inc., from subcontracting, delegating, or assigning services to be provided, in whole or in part, to any other person or entity without prior written consent of County;

WHEREAS, Drake, Haglan & Associates, Inc. has been acquired by Dewberry Engineers Inc., effective September 27, 2019;

WHEREAS, by operation of this acquisition, Dewberry Engineers Inc. doing business as Dewberry | Drake Haglan shall assume all of Drake, Haglan & Associates, Inc.'s duties, responsibilities, and obligations, including insurance and indemnity obligations, for construction management and environmental support services under the terms and conditions of the Agreement, including, but not limited to, any liabilities or obligations for consulting services prior to the effective date of the acquisition;

WHEREAS, the parties hereto desire to amend the Agreement to change all references from Drake, Haglan & Associates, Inc. to Dewberry Engineers Inc. doing business as Dewberry | Drake Haglan;

WHEREAS, the parties hereto desire to amend the Agreement to change all references from Community Development Services, Department of Transportation to Department of Transportation;

WHEREAS, the parties hereto desire to amend **ARTICLE XXIX, Notice to Parties**, to update the notice recipients;

NOW, THEREFORE, in consideration of the foregoing and the mutual promises and covenants hereinafter contained, County and Consultant mutually agree to amend the terms of the Agreement in this First Amendment to Agreement on the following terms and conditions:

- I. All references to Drake, Haglan & Associates, Inc. throughout the Agreement shall read Dewberry Engineers Inc. DBA Dewberry | Drake Haglan.
- II. All references to Community Development Services, Department of Transportation throughout the Agreement shall read Department of Transportation.
- III. The parties agree that by operation of the acquisition described above, Dewberry Engineers Inc. doing business as Dewberry | Drake Haglan assumes all duties and obligations under this Agreement, including, but not limited to, any liabilities or obligations for services performed by Drake, Haglan & Associates, Inc. prior to the effective date of the acquisition, and Dewberry Engineers Inc. doing business as Dewberry | Drake Haglan is responsible for performing the work and services in accordance with all the terms and conditions of this Agreement.
- IV. **ARTICLE XXIX, Notice to Parties**, of the Agreement is amended in its entirety to read as follows:

ARTICLE XXIX

Notice to Parties: All notices to be given by the parties hereto shall be in writing and served by depositing same in the United State Post Office, postage prepaid and return receipt requested. Notices to County shall be in duplicate and addressed as follows:

To County:

County of El Dorado
Department of Transportation
2850 Fairlane Court
Placerville, California 95667

Attn.: Matthew D. Smeltzer, P.E.
Deputy Director, Engineering
Fairlane Engineering Division

With a copy to:

County of El Dorado
Chief Administrative Office
2850 Fairlane Court
Placerville, California 95667

Attn.: Michele Weimer
Procurement and Contracts
Manager

or to such other location as County directs.

Notices to Consultant shall be addressed as follows:

Dewberry Engineers Inc. DBA Dewberry | Drake Haglan
11060 White Rock Road, Suite 200
Rancho Cordova, California 95670

Attn.: Craig Drake
Vice President

or to such other location as Consultant directs.

Except as herein amended, all other parts and sections of Agreement for Services #2885 shall remain unchanged and in full force and effect.

Requesting Contract Administrator Concurrence:

By: 
Matthew D. Smeltzer, P.E.
Deputy Director Engineering
Fairlane Engineering Unit
Department of Transportation

Dated: 1/24/20

Requesting Department Concurrence:

By: 
Rafael Martinez, Director
Department of Transportation

Dated: 1/27/2020

IN WITNESS WHEREOF, the parties hereto have executed this First Amendment to Agreement for Services #2855 on the dates indicated below.

-- COUNTY OF EL DORADO --

By: _____ Dated: _____

Board of Supervisors
"County"

Attest:
Kim Dawson
Clerk of the Board of Supervisors

By: _____ Dated: _____
Deputy Clerk

-- DEWBERRY ENGINEERS INC.
doing business as
DEWBERRY | DRAKE HAGLAN --

By: C. Drake Dated: 01/21/2020
Craig Drake
Vice President
"Consultant"

By: Cynthia Chen Digitally signed by
Cynthia Chen
Date: 2020.01.13
16:32:39 -05'00' Dated: 1/13/2020
Cynthia Chen
Chief Financial Officer

ORIGINAL

Drake, Haglan & Associates, Inc.

Construction Management and Environmental Support Services for the Sly Park Road at Clear Creek Crossing – Bridge Replacement Project

AGREEMENT FOR SERVICES #2885

THIS AGREEMENT, made and entered into by and between the County of El Dorado, a political subdivision of the State of California (hereinafter referred to as "COUNTY"), and Drake, Haglan & Associates, Inc., a corporation duly qualified to conduct business in the State of California, whose principal place of business is 11060 White Rock Road, Suite 200, Rancho Cordova, California 95670 (hereinafter referred to as "CONSULTANT");

RECITALS

WHEREAS, COUNTY has determined that it is necessary to obtain a consultant to assist COUNTY with construction management and environmental support services;

WHEREAS, CONSULTANT has represented to COUNTY that it is specially trained, experienced, expert, and competent to perform the special services required hereunder, and COUNTY has determined to rely upon such representations;

WHEREAS, it is the intent of the parties hereto that such services be in conformity with all applicable federal, state, and local laws and ordinances applicable to the work, including compliance with prevailing wage rates and their payment in accordance with California Labor Code Section 1775;

WHEREAS, COUNTY has determined that the provision of such services provided by CONSULTANT are in the public's best interest and authorized by El Dorado County Charter, Section 210(b)(6) and/or Government Code Section 31000;

NOW, THEREFORE, COUNTY and CONSULTANT mutually agree as follows:

ARTICLE I

Scope of Services:

- A. CONSULTANT's services are to be provided specifically in support of the Sly Park Road at Clear Creek Crossing – Bridge Replacement Project (hereinafter referred to as "Project").
- B. CONSULTANT shall perform all professional and technical services, work, and tasks required to accomplish the objectives set forth herein, and shall provide and make available CONSULTANT's own personnel, subconsultants, materials, equipment, vehicles, and services necessary to perform construction management support services for the Project. Services shall include, but not be limited to, those tasks as identified in Exhibit A, marked "Scope of Work," incorporated herein and made by reference a part hereof.

Unless otherwise indicated below, and notwithstanding any other provision of this Agreement to the contrary, deliverables for the specific items of work to be provided under the Scope of Work identified in Exhibit A hereto shall be as specified in Exhibit A, shall be prepared using the software described in section E of this Article, and shall be submitted in accordance with the timeframes and formats specified in Exhibit A. Adjustments to the completion times specified in Exhibit A may only be made in accordance with the prior written approval (may consist of an email) of COUNTY's Contract Administrator.

- C. CONSULTANT's responsibilities for compliance with DBE requirements are described in ARTICLE XLVI, Disadvantaged Business Enterprise (DBE) Considerations and in ARTICLE XLVII, Disadvantaged Business Enterprise (DBE) Participation, herein.
- D. COUNTY shall review CONSULTANT'S progress at key points as specified in Exhibit A. Milestone reviews shall be performed for the specific products and deliverables listed in Exhibit A. Milestones may only be changed by written agreement (may consist of an email) between COUNTY's Contract Administrator, or designee and CONSULTANT.
- E. If a submittal or deliverable is required to be an electronic file, CONSULTANT shall produce the file using Microsoft (MS) Office 2010 applications (specifically, MS Word, MS Project and MS Excel). Signed reports shall be submitted in Adobe portable document format (PDF). All digital photographs shall be submitted on CD-ROMs in jpeg format with a minimum resolution of 2816 X 2112. Electronic AutoCAD 2015 or AutoCAD Civil 3D 2015 format shall be used for submittal of plans or other similar documents as specified by COUNTY's Contract Administrator. All deliverables shall be submitted in language, format, and design that are compatible with and completely transferable to COUNTY's computer and engineering applications (e.g., Autodesk/Civil 3D 2015 and ASCII file formats) and that are acceptable to COUNTY's Contract Administrator. Newer versions of software may be used and other types of software used for analytical purposes may be authorized if approved in advance of the submittal by COUNTY's Contract Administrator.

CONSULTANT shall submit all deliverables to COUNTY's Contract Administrator in accordance with completion time schedules identified in Exhibit A unless prior written approval is provided by COUNTY's Contract Administrator, or designee. Failure to submit the required deliverables in the format required shall be grounds for termination of the Agreement, as provided in ARTICLE VI, Termination, herein.

All of the services included in this Article and Exhibit A, are the responsibility of CONSULTANT, unless specifically described as a task or item of work to be provided by COUNTY. CONSULTANT shall be responsible for the supervision, administration, and work performed by any subconsultant for services rendered under this Agreement.

ARTICLE II

Compensation for Services: For services provided herein, including all of the deliverables described in Exhibit A, and including all of the forms and reports required under the DBE provisions of this Agreement and including the progress reports required by ARTICLE III, Progress Reports, below, COUNTY agrees to pay CONSULTANT in arrears. Payment shall be made within forty-five (45) days following COUNTY's receipt and approval of itemized invoices detailing services rendered.

For the purposes hereof, the billing rates shall be in accordance with Exhibit B, marked "Rate Schedule," incorporated herein and made by reference a part hereof. The billing rates specified in Exhibit B shall include direct salary cost, employee benefits, overhead, and fee, as applicable. Subconsultant services and other direct costs shall be invoiced at CONSULTANT's cost, without markup, for the services rendered.

Other direct costs including special reproductions, delivery charges, and other outside services authorized herein, shall be invoiced at CONSULTANT's cost, for the services rendered. Any invoices that include other direct costs shall be accompanied by backup documentation to substantiate CONSULTANT's costs for the services being billed on those invoices.

Reimbursement for mileage expenses for CONSULTANT and subconsultants, if applicable, shall not exceed the lesser of (1) the rates to be paid to COUNTY employees under the current Board of Supervisors Travel Policy at the time the mileage expenses are incurred; or (2) the rates authorized to be paid to rank and file state employees under the then current State of California Department of Human Resources rates. References to the rates and CONSULTANT's responsibilities for cost differences and any overpayments are more fully described in ARTICLE VII, Cost Principles and Administrative Requirements, herein. Mileage reimbursement rates apply to CONSULTANT and to any subconsultants authorized under this Agreement. There shall be no markups allowed on mileage rates for CONSULTANT or for any subconsultant. Any reimbursements for mileage expenses will only be made if such expenses are included in Exhibit C, marked "Cost Estimate," incorporated herein and made by reference a part hereof pursuant to this Agreement.

For the purposes of this Agreement, travel costs (i.e., overnight lodging, meals, parking, airfare, bridge tolls, personal vehicle, and other per diem expenses) will be reimbursed as a direct cost only for source inspection services performed under this Agreement by CONSULTANT or by any authorized subconsultants. Any reimbursements for source inspection travel expenses will only be made if such expenses are included in Exhibit C.

For the purposes of budgeting the items of work identified in Exhibit A, the maximum allowable billing amounts for each task are described in Exhibit C, marked "Cost Estimate," incorporated herein and made by reference a part hereof. The amounts indicated in Exhibit C represent the composition of the total not-to-exceed budget for the various Tasks. In the performance of the Scope of Work to be provided under this Agreement, CONSULTANT may request to reallocate the expenses listed in Exhibit C among the various Scope of Work Tasks, Other Direct Costs, subconsultants, and Safework, Inc's Other Direct Costs, Travel, and Mileage identified therein, subject to

COUNTY's Contract Administrator's prior written approval. In no event shall the total not-to-exceed amount of the Agreement be exceeded.

In accordance with ARTICLE XII, State Prevailing Wage Rates, CONSULTANT shall provide COUNTY's Contract Administrator with certified payroll for applicable personnel for the period for which payment is requested and such certified payroll shall accompany each invoice submitted. The certified payroll shall contain information related only to the applicable project. No invoice shall be paid until the certified payroll is submitted. CONSULTANT shall keep payroll records in accordance with California Labor Code Section 1776. CONSULTANT also remains responsible for directly filing its certified payroll with the Department of Industrial Relations.

ARTICLE III

Progress Reports: CONSULTANT shall submit written progress reports to COUNTY'S Contract Administrator at intervals that are commensurate with the requirements of the Tasks being performed and based upon a mutually agreeable schedule. At a minimum, CONSULTANT shall submit progress reports once per month. The reports shall be sufficiently detailed for COUNTY's Contract Administrator to determine if CONSULTANT is performing to expectations and is on schedule, to provide communication of interim findings, and to afford occasions for airing difficulties or special circumstances encountered so that remedies can be developed. COUNTY's review of these reports will ensure that CONSULTANT's work meets a level of acceptability as determined by COUNTY's Contract Administrator, and CONSULTANT shall be required to modify its work as necessary to meet that level of acceptability as defined by COUNTY's Contract Administrator. Progress reports shall include the total number of hours worked by CONSULTANT and any authorized subconsultants and shall include descriptions of the tasks and work performed, including a description of any deliverables submitted during the reporting period and the anticipated tasks, work, and deliverables proposed for the subsequent reporting period. Any invoices submitted by CONSULTANT for payment under the terms of this Agreement shall include copies of the progress reports that relate to the services being billed on those invoices.

ARTICLE IV

Performance Period:

- A. This Agreement shall go into effect upon final execution, contingent upon approval by COUNTY, and CONSULTANT shall commence work after notification to proceed by COUNTY's Contract Administrator. The Agreement shall end three (3) years thereafter, unless extended by contract amendment.
- B. CONSULTANT is advised that any recommendation for contract award is not binding on COUNTY until the Agreement is fully executed and approved by COUNTY.

ARTICLE V

Allowable Costs and Payments:

- A. CONSULTANT will be reimbursed for hours worked at the hourly rates specified in CONSULTANT's Cost Proposal for the Project. The specified hourly rates shall include direct salary costs, employee benefits, overhead, and fee. These rates are not adjustable for the performance period set forth in this Agreement.
- B. In addition, CONSULTANT will be reimbursed for incurred (actual) direct costs other than salary costs that are in the cost proposal and identified in Exhibit C.
- C. Reimbursement for transportation and subsistence costs shall not exceed the rates as specified in the approved Cost Proposal for the Project.
- D. When milestone cost estimates are included in the approved Cost Proposal, CONSULTANT shall obtain prior written approval for a revised milestone cost estimate from COUNTY's Contract Administrator before exceeding such estimate.
- E. Progress payments for the Agreement will be made in arrears based on services provided and actual costs incurred.
- F. CONSULTANT shall not commence performance of work or services until this Agreement has been approved by COUNTY and notification to proceed has been issued by COUNTY's Contract Administrator. No payment will be made prior to approval or for any work performed prior to approval of this Agreement.
- G. CONSULTANT will be reimbursed, as promptly as fiscal procedures will permit upon receipt by COUNTY's Contract Administrator of itemized invoices. Invoices shall be submitted no later than forty-five (45) calendar days after the performance of work for which CONSULTANT is billing. Invoices shall detail the work performed on each milestone of the Project. Invoices shall follow the format stipulated for the approved Cost Proposal and shall reference this Agreement number, Project title, the Work Breakdown Structure (WBS) Activity Identification Codes (Activity IDs) applicable for each item of work, and shall include the beginning and ending dates of the overall period of service. Final invoice must contain the final cost and all credits due COUNTY including any equipment purchased under the provisions of ARTICLE XI, Equipment Purchase, of this Agreement. The final invoice should be submitted within sixty (60) calendar days after completion of CONSULTANT's work. Invoices shall be mailed to COUNTY at the following address:

County of El Dorado
Community Development Services
Administration and Finance
2850 Fairlane Court
Placerville, California 95667
Attn.: Accounts Payable

or to such other location as COUNTY directs.

- H. The total amount payable by COUNTY shall not exceed the amount agreed to in the Agreement, unless authorized by contract amendment.
- I. If CONSULTANT fails to satisfactorily complete a deliverable according to the schedule set forth in Exhibit A, no payment will be made until the deliverable has been satisfactorily completed.
- J. The total amount payable by COUNTY shall not exceed \$513,364.18.
- K. Salary increases will be reimbursable if the new salary is within the salary range identified in Exhibit B and is approved by COUNTY's Contract Administrator prior to the increase.

For personnel subject to prevailing wage rates as described in the California Labor Code, all salary increases, which are the direct result of changes in the prevailing wage rates are reimbursable.

ARTICLE VI
Termination:

- A. COUNTY reserves the right to terminate this Agreement upon thirty (30) calendar days written notice to CONSULTANT with the reasons for termination stated in the Notice of Termination. If such prior termination is effected, COUNTY will pay for satisfactory services rendered prior to the effective dates, as set forth in the Notice of Termination provided to CONSULTANT, and for such other services which COUNTY may agree to in writing as necessary for contract resolution. In no event, however, shall COUNTY be obligated to pay more than the not-to-exceed amount of this Agreement. Upon receipt of a Notice of Termination, CONSULTANT shall promptly discontinue all services affected, as of the effective date of termination set forth in such Notice of Termination, unless the Notice directs otherwise.
- B. COUNTY may terminate this Agreement with CONSULTANT should CONSULTANT fail to perform the covenants herein contained at the time and in the manner herein provided. In the event of such termination, COUNTY may proceed with the work in any manner deemed proper by COUNTY. If COUNTY terminates this Agreement with CONSULTANT, COUNTY shall pay CONSULTANT the sum due to CONSULTANT under this Agreement prior to termination, unless the cost of completion to COUNTY exceeds the funds remaining in the Agreement. In which case the overage shall be deducted from any sum due CONSULTANT under this Agreement and the balance, if any, shall be paid to CONSULTANT upon demand.
- C. The maximum amount for which COUNTY shall be liable if this Agreement is terminated is the not-to-exceed amount of this Agreement.
- D. Default: Upon the occurrence of any default of the provisions of this Agreement, a party shall give written notice of said default to the party in default (notice). If the party in default does not cure the default within ten (10) days of the date of notice

(Time to Cure), then such party shall be in default. The Time to Cure may be extended at the discretion of the party giving notice. Any extension of Time to Cure must be in writing, prepared by the party in default for signature by the party giving notice, and must specify the reason(s) for the extension and the date in which the extension of Time to Cure expires.

Notice given under this section shall specify the alleged default and the applicable Agreement provision and shall demand that the party in default perform the provisions of this Agreement within the applicable period of time. No such notice shall be deemed a termination of this Agreement unless the party giving notice so elects in this notice, or the party giving notice so elects in a subsequent written notice after the Time to Cure has expired.

- E. Bankruptcy: This Agreement, at the sole option of COUNTY, shall be terminable in the case of bankruptcy, voluntary or involuntary, or insolvency of CONSULTANT.
- F. Ceasing Performance: COUNTY may terminate this Agreement in the event CONSULTANT ceases to operate as a business or otherwise becomes unable to substantially perform any term or condition of this Agreement.
- G. Termination or Cancellation without Cause: CONSULTANT shall comply with the requirements of this Article, regarding administrative, contractual, or legal remedies in instances of default, termination, or cancellation and with other terms and conditions of COUNTY's grant funding agreements that provide for such sanctions and penalties as may be appropriate in instances where contract terms are violated or breached.
- H. Completion of Work: In the event of termination of the Agreement, for default or without cause, COUNTY reserves the right to take over and complete any work, service, or task by contract or by other means.

ARTICLE VII

Cost Principles and Administrative Requirements:

- A. CONSULTANT agrees that the Contract Cost Principles and Procedures, 48 C.F.R. Federal Acquisition Regulations System, Chapter 1, Part 31.000 et seq., shall be used to determine the cost allowability of individual items.
- B. CONSULTANT also agrees to comply with federal procedures in accordance with 2 C.F.R. § 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards.
- C. Any costs for which payment has been made to CONSULTANT that are determined by subsequent audit to be unallowable under 2 C.F.R. § 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards and 48 C.F.R. Federal Acquisition Regulations System, Chapter 1, Part 31.000 et seq., are subject to repayment by CONSULTANT to COUNTY.

- D. Notwithstanding any other provision of this Agreement to the contrary, payments to CONSULTANT for travel and subsistence (per diem) and mileage expenses, if applicable, for CONSULTANT's staff or for subconsultant's claims for reimbursement shall not exceed the lesser of (1) the rates to be paid to COUNTY employees under the current Board of Supervisors Travel Policy in effect at the time the expenses are incurred; or (2) the rates authorized to be paid to rank and file state employees under the then current State of California Department of Human Resources rates. These rates may be found at <http://www.calhr.ca.gov/employees/Pages/travel-reimbursements.aspx>. If the rates invoiced are in excess of these authorized rates, then CONSULTANT is responsible for the cost difference and any overpayments shall be reimbursed to COUNTY upon demand. For the purposes of this Agreement, only source inspection services reimbursements for travel and subsistence (per diem) expenses for CONSULTANT or subconsultants shall be allowed.
- E. CONSULTANT and its subconsultants, if applicable, shall establish and maintain accounting systems and records that properly accumulate and segregate funds received under this Agreement by line item. The accounting systems of CONSULTANT and all subconsultants shall conform to Generally Accepted Accounting Principles (GAAP), shall enable the determination of incurred costs at interim points of completion, and shall provide support for reimbursement of payment vouchers or invoices.

ARTICLE VIII

Retention of Records/Audit: For the purpose of determining compliance with Public Contract Code Section 10115, et seq. and Title 21, California Code of Regulations, Chapter 21, Section 2500 et seq., when applicable, and other matters connected with the performance of the Agreement pursuant to Government Code Section 8546.7; CONSULTANT, subconsultants, and COUNTY shall maintain and make available for inspection all books, documents, papers, accounting records, and other evidence pertaining to the performance of the Agreement, including but not limited to, the costs of administering the Agreement. All parties shall make such materials available at their respective offices at all reasonable times during the Agreement period and for three (3) years from the date of final payment under the Agreement. The state, State Auditor, COUNTY, FHWA, or any duly authorized representative of the Federal Government shall have access to any books, records, and documents of CONSULTANT and its certified public accountants (CPA) work papers that are pertinent to the Agreement and indirect cost rates (ICR) for audit, examinations, excerpts, and transactions, and copies thereof shall be furnished if requested.

ARTICLE IX

Audit Review Procedures:

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

- B. Not later than thirty (30) days after issuance of the final audit report, CONSULTANT may request a review by COUNTY's Chief Fiscal Officer of unresolved audit issues. The request for review shall be submitted in writing.
- C. Neither the pendency of a dispute nor its consideration by COUNTY shall excuse CONSULTANT from full and timely performance in accordance with the terms of this Agreement.
- D. CONSULTANT and subconsultant contracts, including cost proposals, if any, and ICR, are subject to audits or reviews such as, but not limited to, a contract audit, an incurred cost audit, an ICR Audit, or a CPA ICR audit work paper review. If selected for audit or review, the Agreement, cost proposal and ICR, and related work papers, if applicable, will be reviewed to verify compliance with 48 C.F.R., Part 31 and other related laws and regulations. In the instances of a CPA ICR audit work paper review it is CONSULTANT's responsibility to ensure federal, state, or local government officials are allowed full access to the CPA's work papers including making copies as necessary. The Agreement, cost proposal, and ICR shall be adjusted by CONSULTANT and approved by COUNTY's Contract Administrator to conform to the audit or review recommendations. CONSULTANT agrees that individual terms of costs identified in the audit report shall be incorporated into the Agreement by this reference if directed by COUNTY at its sole discretion. Refusal by CONSULTANT to incorporate audit or review recommendations, or to ensure that the federal, state, or local governments have access to CPA work papers, will be considered a breach of contract terms and cause for termination of the Agreement and disallowance of prior reimbursed costs.

The provisional ICR will apply to this Agreement and all other contracts executed between COUNTY and CONSULTANT, either as a prime or subconsultant, with the same fiscal period ICR.

ARTICLE X

Subcontracting:

- A. Nothing contained in this Agreement or otherwise, shall create any contractual relation between COUNTY and any subconsultant(s), and no subcontract shall relieve CONSULTANT of its responsibilities and obligations hereunder. CONSULTANT agrees to be as fully responsible to COUNTY for the acts and omissions of its subconsultant(s) and of persons either directly or indirectly employed by any of them as it is for the acts and omissions of persons directly employed by CONSULTANT. CONSULTANT's obligation to pay its subconsultant(s) is an independent obligation from COUNTY'S obligation to make payments to the CONSULTANT.
- B. CONSULTANT shall perform the work contemplated with resources available within its own organization and no portion of the work pertinent to this Agreement shall be subcontracted without prior written authorization by COUNTY's Contract Administrator, except that which is expressly identified in Exhibit A.

- C. CONSULTANT shall pay its subconsultants within ten (10) calendar days from receipt of each payment made to CONSULTANT by COUNTY.
- D. Any subcontracts entered into as a result of this Agreement shall contain all the provisions stipulated in this Agreement to be applicable to subconsultants.
- E. Any substitution of subconsultant(s) must be approved in writing by COUNTY's Contract Administrator prior to the start of work by the subconsultant(s).
- F. CONSULTANT is engaged by COUNTY for its unique qualifications and skills as well as those of its personnel. CONSULTANT shall not subcontract, delegate, or assign services to be provided, in whole or in part, to any other person or entity without prior written consent of COUNTY. COUNTY may, at its sole discretion, through its Contract Administrator, authorize CONSULTANT to utilize subconsultants for services performed in Exhibit A, for the particular tasks, work, and deliverables identified therein. Said written authorization and approval shall be sought and obtained by CONSULTANT prior to subconsultants' commencement of any work under this Agreement. CONSULTANT shall require each subconsultant, to the extent of the work to be performed by the subconsultant, to be bound to CONSULTANT by the terms of this Agreement and to assume toward CONSULTANT all of the obligations and responsibilities that CONSULTANT, by this Agreement, assumes toward COUNTY.

ARTICLE XI

Equipment Purchase:

- A. Prior authorization in writing by COUNTY's Contract Administrator shall be required before CONSULTANT enters into any unbudgeted purchase order or subcontract exceeding \$5,000 for supplies, equipment, or CONSULTANT services. CONSULTANT shall provide an evaluation of the necessity or desirability of incurring such costs.
- B. For purchase of any item, service, or consulting work not covered in CONSULTANT's cost proposal, if any, and exceeding \$5,000, prior written authorization by COUNTY's Contract Administrator is required; three (3) competitive quotations must be submitted with the request, or the absence of bidding must be adequately justified.
- C. Any equipment purchased as a result of this Agreement is subject to the following: "The CONSULTANT shall maintain an inventory of all nonexpendable property. Nonexpendable property is defined as having a useful life of at least two (2) years and an acquisition cost of \$5,000 or more. If the purchased equipment needs replacement and is sold or traded in, COUNTY shall receive a proper refund or credit at the conclusion of the Agreement, or if the Agreement is terminated, CONSULTANT may either keep the equipment and credit COUNTY in an amount equal to its fair market value, or sell such equipment at the best price obtainable at a public or private sale, in accordance with established COUNTY procedures, and credit COUNTY in an amount equal to the sales price. If CONSULTANT elects to

keep the equipment, fair market value shall be determined at CONSULTANT's expense, on the basis of a competent independent appraisal of such equipment. Appraisals shall be obtained from an appraiser mutually agreeable to COUNTY and CONSULTANT, if it is determined to sell the equipment, the terms and conditions of such sale must be approved in advance by COUNTY." A credit to Federal funds is required when participating equipment with a fair market value greater than \$5,000 is credited to the project.

ARTICLE XII

State Prevailing Wage Rates:

- A. CONSULTANT shall comply with the State of California's General Prevailing Wage Rate requirements in accordance with California Labor Code Section 1770, and all Federal, State, and local laws and ordinances applicable to the work.
- B. Any subcontract entered into as a result of this Agreement, if for more than \$25,000 for public works construction or more than \$15,000 for the alteration, demolition, repair, or maintenance of public works, shall contain all of the provisions of this Article, unless the awarding agency has an approved labor compliance program by the Director of Industrial Relations.
- C. When prevailing wages apply to the services described in the scope of work, transportation and subsistence costs shall be reimbursed at the minimum rates set by the Department of Industrial Relations (DIR) as outlined in the applicable Prevailing Wage Determination. See <http://www.dir.ca.gov>.
- D. No contractor or subcontractor may bid on any public works project, be listed in a bid proposal for any public works project, or engage in the performance of any contract for public work unless registered with the Department of Industrial Relations pursuant to Labor Code sections 1725.5 and 1771.1.

Note: The Federal "Payment of Predetermined Minimum Wage" applies only to federal-aid construction contracts.

ARTICLE XIII

Conflict Of Interest:

- A. CONSULTANT shall disclose any financial, business, or other relationship with COUNTY that may have an impact upon the outcome of this Agreement or any ensuing COUNTY construction project. CONSULTANT shall also list current clients who may have a financial interest in the outcome of this Agreement or any ensuing COUNTY construction project that will follow. CONSULTANT has acknowledged this interest of CONSULTANT and CONSULTANT has duly executed Exhibit D, marked "Interest of Consultant Disclosure Statement," incorporated herein and made by reference a part hereof.
- B. CONSULTANT hereby certifies that it does not now have, nor shall it acquire, any financial or business interest that would conflict with the performance of services under this Agreement.

- C. CONSULTANT hereby certifies that neither CONSULTANT, its employees, nor any firm affiliated with CONSULTANT providing services on this project prepared the Plans, Specifications, and Estimate for this construction project. An affiliated firm is one, which is subject to the control of the same persons through joint- ownership, or otherwise.
- D. CONSULTANT further certifies that neither CONSULTANT, nor any firm affiliated with CONSULTANT, will bid on any construction subcontracts included within the construction contract. Additionally, CONSULTANT certifies that no person working under this Agreement is also employed by the construction contract or for any project included within this Agreement.
- E. Except for subconsultants whose services are limited to materials testing, no subconsultant who is providing service on this Agreement shall have provided services on the design of any project included within this Agreement.
- F. The parties to this Agreement have read and are aware of the provisions of Government Code Section 1090 et seq. and Section 87100 relating to conflict of interest of public officers and employees. CONSULTANT attests that it has no current business or financial relationship with any COUNTY employee(s) that would constitute a conflict of interest with provision of services under this Agreement and will not enter into any such business or financial relationship with any such employee(s) during the term of this Agreement. COUNTY represents that it is unaware of any financial or economic interest of any public officer or employee of CONSULTANT relating to this Agreement. It is further understood and agreed that if such a financial interest does exist at the inception of this Agreement either party may immediately terminate this Agreement by giving written notice as detailed in ARTICLE VI, Termination, herein.

ARTICLE XIV

Rebates, Kickbacks, or Other Unlawful Consideration:

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

ARTICLE XV

Prohibition of Expending COUNTY, State, or Federal Funds For Lobbying:

- A. CONSULTANT certifies to the best of his or her knowledge and belief that:
 - 1. No state, federal, or local agency appropriated funds have been paid or will be paid by-or-on behalf of CONSULTANT to any person for influencing or attempting to influence an officer or employee of any state or federal agency; a Member of the State Legislature or United States Congress; an officer or

employee of the Legislature or Congress; or any employee of a Member of the Legislature or Congress, in connection with the awarding of any state or federal contract; the making of any state or federal grant; the making of any state or federal loan; the entering into of any cooperative agreement; and the extension, continuation, renewal, amendment, or modification of any state or federal contract, grant, loan, or cooperative agreement.

2. If any funds other than federal appropriated funds have been paid, or will be paid, to any person for influencing or attempting to influence an officer or employee of any federal agency; a Member of Congress; an officer or employee of Congress, or an employee of a Member of Congress; in connection with this federal contract, grant, loan, or cooperative agreement, CONSULTANT shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions which form and instructions are attached hereto as Exhibit E and are incorporated herein and made by reference a part hereof.
- B. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.
 - C. CONSULTANT also agrees by signing this document that he or she shall require that the language of this certification be included in all lower-tier subcontracts, which exceed \$100,000 and that all such sub recipients shall certify and disclose accordingly.

ARTICLE XVI

Statement of Compliance:

- A. CONSULTANT's signature affixed herein, and dated, shall constitute a certification under penalty of perjury under the laws of the State of California that CONSULTANT has, unless exempt, complied with the nondiscrimination program requirements of Government Code Section 12990 and Title 2, California Administrative Code, Section 8103.
- B. During the performance of this Agreement, CONSULTANT and its subconsultants shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability, mental disability, medical condition, age, marital status, genetic information, gender, gender identity, gender expression, sexual orientation, or military and veteran status, and denial of family care leave. CONSULTANT and subconsultants shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. CONSULTANT and subconsultants shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code § 12900 et seq.) and the applicable regulations promulgated there under (California Code of

Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12900, set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are incorporated into this Agreement by reference and made a part hereof as if set forth in full. CONSULTANT and its subconsultants shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other Agreement.

- C. CONSULTANT shall comply with regulations relative to Title VI (nondiscrimination in federally-assisted programs of the Department of Transportation – Title 49 Code of Federal Regulations, Part 21 - Effectuation of Title VI of the 1964 Civil Rights Act). Title VI provides that the recipients of federal assistance will implement and maintain a policy of nondiscrimination in which no person in the state of California shall, on the basis of race, color, national origin, religion, sex, age, or disability, be excluded from participation in, denied the benefits of, or subject to discrimination under any program or activity by the recipients of federal assistance or their assignees and successors in interest.
- D. CONSULTANT, with regard to the work performed by it during the Agreement, shall act in accordance with Title VI. Specifically, CONSULTANT shall not discriminate on the basis of race, color, national origin, religion, sex, age, or disability in the selection and retention of subconsultants, including procurement of materials and leases of equipment. CONSULTANT shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the U.S. DOT's Regulations, including employment practices when the Agreement covers a program whose goal is employment.
- E. CONSULTANT certifies that it provides a drug free workplace in accordance with California Government Code Section 8355.

ARTICLE XVII

Debarment and Suspension Certification:

- A. CONSULTANT's signature affixed herein shall constitute a certification under penalty of perjury under the laws of the State of California that CONSULTANT has complied with Title 2 C.F.R. § 180, "OMB Guidelines to Agencies on Government wide Debarment and Suspension (nonprocurement)," which certifies that he/she or any person associated therewith in the capacity of owner, partner, director, officer, or manager, is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency; has not been suspended, debarred, voluntarily excluded, or determined ineligible by any federal agency within the past three (3) years; does not have a proposed debarment pending; and has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past three (3) years. Any exceptions to this certification must be disclosed to COUNTY.

- B. Exceptions will not necessarily result in denial of recommendation for award, but will be considered in determining CONSULTANT responsibility. Disclosures must indicate to whom exceptions apply, initiating agency, and dates of action.
- C. Exceptions to the Federal Government Excluded Parties List System maintained by the General Services Administration are to be determined by the Federal Highway Administration.

ARTICLE XVIII

Taxes: CONSULTANT certifies that as of today's date, it is not in default on any unsecured property taxes or other taxes or fees owed by CONSULTANT to COUNTY. CONSULTANT agrees that it shall not default on any obligations to COUNTY during the term of this Agreement.

ARTICLE XIX

Standards for Work: Services rendered under this Agreement shall be performed in accordance with the guidelines set forth in the current edition of the *Caltrans Construction Manual*, *Caltrans Bridge Construction Records and Procedures (BCRP) Manual*, *Caltrans Materials Testing Manual*, *Caltrans Local Assistance Procedures Manual*, *Caltrans Source Inspection Quality Management Plan Outline*, the El Dorado County Department of Transportation's Quality Assurance Program, ASTM testing procedures, and all other applicable Caltrans, Federal Highway Administration (FHWA), federal, state, and local laws, COUNTY guidelines and accepted industry standards, and shall be performed in a safe, professional, skillful, and workmanlike manner in accordance with good engineering practices. Where applicable, services shall further conform to all U.S. Code of Federal Regulation Title 23 requirements and all applicable federal laws, regulations, and policy and procedural or instructional memoranda.

All of CONSULTANT's services and deliverables must adhere to current COUNTY, Caltrans, and federal requirements for project development and shall be made available to COUNTY and Caltrans for review and approval at the appropriate stages, or as specified in the Agreement and Exhibit A, or upon request by COUNTY'S Contract Administrator.

CONSULTANT has full responsibility for the accuracy and completeness of the deliverables, reports, and such other documents that may be required for the tasks or items of work assigned. Assistance, cooperation, and oversight by COUNTY, Caltrans, FHWA, or other regulatory agencies will not relieve CONSULTANT of this professional responsibility.

All work must be performed and work products prepared in a format and manner customarily anticipated by the appropriate approving agencies.

ARTICLE XX

Quality Control: CONSULTANT shall have a quality control/quality assurance (QC/QA) plan in effect during the entire time work is being performed under this Agreement. Prior to the start of any work, CONSULTANT shall provide COUNTY with its QC/QA plan and an outline of the project-specific quality control/quality procedures.

CONSULTANT shall identify quality control reviews to ensure compliance with the major deliverables within the Scope of Work for this Agreement.

ARTICLE XXI

Licenses: CONSULTANT hereby represents and warrants that CONSULTANT and any of its subconsultants employed under this Agreement has all the applicable licenses, permits, and certifications that are legally required for CONSULTANT and its subconsultants to practice its profession or provide the services or work contemplated under this Agreement in the State of California. CONSULTANT and its subconsultants shall obtain or maintain said applicable licenses, permits, or certificates in good standing throughout the term of this Agreement.

ARTICLE XXII

Ownership of Data: Upon completion or earlier termination of all services under this Agreement, ownership and title to all reports, documents, plans, maps, specifications, estimates, compilations, photographs, videos, and any and all other materials or data produced or obtained as part of this Agreement will automatically be vested in COUNTY without restriction or limitation on their use, and no further agreement will be necessary to transfer ownership to COUNTY. Copies may be made for CONSULTANT's records, but shall not be furnished to others without prior written authorization from COUNTY's Contract Administrator. Such deliverables shall be deemed works made for hire and all rights in copyright therein shall be retained by COUNTY. CONSULTANT shall furnish COUNTY all necessary copies of data, including data stored in electronic format, needed to complete the review and approval process of the services and deliverables provided under this Agreement.

ARTICLE XXIII

CONSULTANT's Project Manager: CONSULTANT designates Howard Zabell, Principal Engineer, as its Project Manager for this Agreement. CONSULTANT's Project Manager, or COUNTY-approved designee, shall be accessible to COUNTY's Contract Administrator, or designee, during normal COUNTY working hours and shall respond within twenty-four (24) hours to COUNTY inquiries or requests. CONSULTANT's Project Manager shall be responsible for all matters related to CONSULTANT's personnel, operations, and any subconsultants authorized under this Agreement including, but not limited to, (1) assigning qualified personnel to perform the required work and to prepare the deliverables required Exhibit A; (2) reviewing, monitoring, training, and directing CONSULTANT's personnel and any subconsultants authorized herein; and (3) providing qualified and appropriate traffic control services for field work. Project Manager must be a registered engineer in the State of California.

ARTICLE XXIV

Changes to Agreement: This Agreement may be amended by mutual consent of the parties hereto. Amendments may be made to permit mutually acceptable changes in the scope, character, or complexity of the work if such changes become desirable or necessary as the work progresses. Appropriate extensions of time in case of unavoidable delays and for consideration of warranted adjustments in payment may also be accomplished by amendments to the Agreement. Said amendments shall become effective only when in writing and fully executed by duly authorized officers of

the parties hereto. There shall be no change in CONSULTANT's Project Manager or subconsultants without prior written approval by COUNTY's Contract Administrator.

ARTICLE XXV

CONSULTANT to COUNTY: It is understood that the services provided under this Agreement shall be prepared in and with cooperation from COUNTY and its staff. It is further agreed that in all matters pertaining to this Agreement, CONSULTANT shall act as CONSULTANT only to COUNTY and shall not act as CONSULTANT to any other individual or entity affected by this Agreement nor provide information in any manner to any party outside of this Agreement that would conflict with CONSULTANT's responsibilities to COUNTY during the term hereof.

ARTICLE XXVI

Confidentiality:

- A. CONSULTANT and any subconsultants authorized under this Agreement shall maintain the confidentiality and privileged nature of all records, including billing records, all financial, statistical, personnel, technical, or other data and information relative to COUNTY's operations together with any knowledge therein acquired, in accordance with all applicable state and federal laws and regulations, as they may now exist or may hereafter be amended or changed. CONSULTANT, and all CONSULTANT's staff, employees, and representatives, including any subconsultants authorized herein, shall not use or disclose, directly or indirectly at any time, any said confidential information, other than to COUNTY's Department of Transportation or to such person with COUNTY's consent for the purpose of, and in the performance of, this Agreement.
- B. Permission granted by COUNTY to disclose information on one occasion shall not authorize CONSULTANT or any subconsultants authorized under this Agreement to further disclose such information, or disseminate the same on any other occasion.
- C. CONSULTANT and any subconsultants authorized under this Agreement shall not comment publicly to the press or any other media regarding this Agreement or COUNTY's actions on the same, except to COUNTY's staff, CONSULTANT's own personnel, or authorized subconsultants involved in the performance of this Agreement, at public hearings or in response to questions from COUNTY's Board of Supervisors.
- D. CONSULTANT and any subconsultants authorized under this Agreement shall not issue any news release or public relations item of any nature, whatsoever, regarding services performed or to be performed under this Agreement without prior review of the contents thereof by COUNTY, and receipt of COUNTY's Contract Administrator's prior written permission.
- E. All information related to any construction estimates prepared or otherwise obtained in the performance of this Agreement is confidential, and shall not be disclosed by CONSULTANT to any entity other than to COUNTY.

F. Any subcontract entered into as a result of this Agreement shall contain all of the provisions of this Article G. This confidentiality provision shall survive after the expiration or earlier termination of this Agreement.

ARTICLE XXVII

Independent Contractor/Liability: CONSULTANT is, and shall be at all times, deemed independent and shall be wholly responsible for the manner in which it performs services required by the terms of this Agreement. CONSULTANT exclusively assumes responsibility for acts of its employees, associates, and subcontractors, if any are authorized herein, as they relate to services to be provided under this Agreement during the course and scope of their employment.

CONSULTANT shall be responsible for performing the work under this Agreement in a safe, professional, skillful, and workmanlike manner in accordance with good engineering practices and shall be liable for its own negligence and negligent acts of its employees and subconsultants. COUNTY shall have no right of control over the manner in which work is to be done and shall, therefore, not be charged with responsibility of preventing risk to CONSULTANT or its employees, agents, associates, representatives, or subconsultants.

ARTICLE XXVIII

Fiscal Considerations: The parties to this Agreement recognize and acknowledge that COUNTY is a political subdivision of the State of California. As such, COUNTY is subject to the provisions of Article XVI, Section 18 of the California Constitution and other similar fiscal and procurement laws and regulations and may not expend funds for products, equipment, or services not budgeted in a given year. It is further understood that in the normal course of COUNTY business, COUNTY will adopt a proposed budget prior to a given fiscal year, but that the final adoption of a budget does not occur until after the beginning of the fiscal year.

Notwithstanding any other provision of this Agreement to the contrary, COUNTY shall give notice of cancellation of this Agreement in the event of adoption of a proposed budget that does not provide for funds for the services, products, or equipment subject herein. Such notice shall become effective upon the adoption of a final budget, which does not provide funding for this Agreement. Upon the effective date of such notice, this Agreement shall be automatically terminated and COUNTY released from any further liability hereunder.

In addition to the above, should the Board of Supervisors during the course of a given year for financial reasons reduce or order a reduction in the budget for any COUNTY department for which services were contracted to be performed, pursuant to this paragraph in the sole discretion of COUNTY, this Agreement may be deemed to be canceled in its entirety subject to payment for services performed prior to cancellation.

ARTICLE XXIX

Notice to Parties: All notices to be given by the parties hereto shall be in writing and served by depositing the same in the United States Post Office, postage prepaid and

return receipt requested. Notices to COUNTY shall be in duplicate and addressed as follows:

To COUNTY:

County of El Dorado
Community Development Services
Department of Transportation
2850 Fairlane Court
Placerville, California 95667

With a copy to:

County of El Dorado
Community Development Services
Administration and Finance Division
2850 Fairlane Court
Placerville, California 95667

Attn.: Matthew Smeltzer, P.E.
Deputy Director, Engineering
Fair Lane Engineering Division

Attn.: Michele Weimer
Administrative Services Officer
Contracts & Procurement Unit

or to such other location as COUNTY directs.

Notices to CONSULTANT shall be addressed as follows:

Drake, Haglan & Associates, Inc.
11060 White Rock Road, Suite 200
Rancho Cordova, California 95670

Attn.: Dennis Haglan
President

or to such other location as CONSULTANT directs.

ARTICLE XXX

Change of Address: In the event of a change in address for CONSULTANT's principal place of business, CONSULTANT's Agent for Service of Process, or Notices to CONSULTANT, CONSULTANT shall notify COUNTY in writing as provided in ARTICLE XXIX, Notice to Parties. Said notice shall become part of this Agreement upon acknowledgment in writing by COUNTY's Contract Administrator, and no further amendment of the Agreement shall be necessary provided that such change of address does not conflict with any other provisions of this Agreement.

ARTICLE XXXI

Indemnity: To the fullest extent allowed by law, CONSULTANT shall defend, indemnify, and hold harmless the COUNTY and its officers, agents, employees and representatives from and against any and all claims, actions, losses, injuries, damages or expenses of every name, kind, and description, including litigation costs and reasonable attorney's fees incurred, brought for or on account of, injury to or death of any person, including but not limited to workers, COUNTY employees, officers, or agents, and the public, or damage to property, which arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of CONSULTANT, its officers, agents, employees, volunteers, representatives, contractors and subcontractors. This duty of CONSULTANT includes the duty of defense, inclusive of that set forth in California Civil Code Section 2778 and is subject to any limit provided for in Civil Code

Section 2782.8(a) of the cost to defend charged to Consultant. Each party shall notify the other party immediately in writing of any claim or damage related to activities performed under this Agreement, provided that the County's failure to immediately or timely notify Consultant does not limit or waive Consultant's defense and indemnity obligations in this Article. The parties shall cooperate with each other in the investigation and disposition of any claim arising out of the activities under this Agreement.

ARTICLE XXXII

Insurance: CONSULTANT shall provide proof of a policy of insurance satisfactory to COUNTY's Risk Management Division and documentation evidencing that CONSULTANT maintains insurance that meets the following requirements:

- A. Full Workers' Compensation and Employers' Liability Insurance covering all employees of CONSULTANT as required by law in the State of California.
- B. Commercial General Liability Insurance of not less than \$1,000,000 combined single limit per occurrence for bodily injury and property damage and a \$2,000,000 aggregate limit.
- C. Automobile Liability Insurance of not less than \$1,000,000 is required in the event motor vehicles are used by CONSULTANT in performance of the Agreement.
- D. In the event CONSULTANT is a licensed professional or professional consultant and is performing professional services under this Agreement, Professional Liability Insurance is required with a limit of liability of not less than \$1,000,000.
- E. CONSULTANT shall furnish a certificate of insurance satisfactory to COUNTY's Risk Management Division as evidence that the insurance required above is being maintained.
- F. The insurance will be issued by an insurance company acceptable to COUNTY's Risk Management Division or be provided through partial or total self-insurance likewise acceptable to the Risk Management Division.
- G. CONSULTANT agrees that the insurance required herein shall be in effect at all times during the term of this Agreement. In the event said insurance coverage expires at any time or times during the term of this Agreement, CONSULTANT agrees to provide at least thirty (30) days prior to said expiration date, a new certificate of insurance evidencing insurance coverage as provided for herein for not less than the remainder of term of the Agreement, or for a period of not less than one (1) year. New certificates of insurance are subject to the approval of COUNTY's Risk Management Division, and CONSULTANT agrees that no work or services shall be performed prior to the giving of such approval. In the event CONSULTANT fails to keep in effect at all times insurance coverage as herein provided, COUNTY may, in addition to any other remedies it may have, terminate this Agreement upon the occurrence of such event.

- H. The certificate of insurance must include the following provisions stating that:
1. The insurer will not cancel the insured's coverage without prior written notice to COUNTY; and
 2. The County of El Dorado, its officers, officials, employees, and volunteers are included as additional insured, on an additional insured endorsement, but only insofar as the operations under this Agreement are concerned. This provision shall apply to the general liability policy.
- I. CONSULTANT's insurance coverage shall be primary insurance as respects COUNTY, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by COUNTY, its officers, officials, employees, or volunteers shall be in excess of CONSULTANT's insurance and shall not contribute with it.
- J. Any deductibles or self-insured retentions must be declared to, and approved, by COUNTY. At the option of COUNTY, either: The insurer shall reduce or eliminate such deductibles or self-insured retentions as respects COUNTY, its officers, officials, employees, and volunteers; or CONSULTANT shall procure a bond guaranteeing payment of losses and related investigations, claim administration, and defense expenses.
- K. Any failure to comply with the reporting provisions of the policies shall not affect coverage provided to COUNTY, its officers, officials, employees, or volunteers.
- L. The insurance companies shall have no recourse against the County of El Dorado, its officers, employees, and volunteers or any of them for payment of any premiums or assessments under any policy issued by any insurance company.
- M. CONSULTANT's obligations shall not be limited by the foregoing insurance requirements and shall survive the expiration of this Agreement.
- N. In the event CONSULTANT cannot provide an occurrence policy, CONSULTANT shall provide insurance covering claims made as a result of performance of this Agreement for not less than three (3) years following completion of performance of this Agreement.
- O. The certificate of insurance shall meet such additional standards as may be determined by the contracting COUNTY department, either independently or in consultation with COUNTY's Risk Management Division as essential for protection of COUNTY.
- P. CONSULTANT shall ensure that all subconsultants authorized pursuant to this Agreement shall maintain workers' compensation, general liability, automobile liability, and professional liability insurance as specified above and shall provide COUNTY with proof of same if requested.

ARTICLE XXXIII

Interest of Public Official: No official or employee of COUNTY who exercises any functions or responsibilities in review or approval of services to be provided by CONSULTANT under this Agreement shall participate in or attempt to influence any decision relating to this Agreement which affects personal interest or the interest of any corporation, partnership, or association in which he/she is directly or indirectly interested; nor shall any such official or employee of COUNTY have any interest, direct or indirect, in this Agreement or the proceeds thereof.

ARTICLE XXXIV

California Residency (Form 590): All independent consultants providing services to COUNTY must file a State of California Form 590, certifying their California residency or, in the case of a limited liability company or corporation, certifying that they have a permanent place of business in California. CONSULTANT will be required to submit a Form 590 prior to execution of this Agreement, or COUNTY shall withhold seven (7) percent of each payment made to CONSULTANT during the term of this Agreement. This requirement applies to any agreement/contract exceeding \$1,500.

ARTICLE XXXV

COUNTY Payee Data Record Form: All independent contractors or corporations providing services to COUNTY who do not have a Department of the Treasury Internal Revenue Service Form W-9 (Form W-9) on file with COUNTY must file a County Payee Data Record Form with COUNTY.

ARTICLE XXXVI

Business License: COUNTY's Business License Ordinance provides that it is unlawful for any person to furnish supplies or services or transact any kind of business in the unincorporated territory of El Dorado County, without possessing a COUNTY business license unless exempt under COUNTY Ordinance Code Section 5.08.070. CONSULTANT warrants and represents that it shall comply with all of the requirements of COUNTY's Business License Ordinance, where applicable, prior to beginning work under this Agreement and at all times during the term of this Agreement.

ARTICLE XXXVII

California Forum and Law: Any dispute resolution action arising out of this Agreement, including, but not limited to, litigation, mediation, or arbitration, shall be brought in El Dorado County, California, and shall be resolved in accordance with the laws of the State of California.

ARTICLE XXXVIII

Compliance with Federal, State, and COUNTY Requirements: COUNTY is relying on federal assistance or grants, state funds, and local agency or other grant funds for all or a portion of the funding for the services to be provided herein. As a requirement of COUNTY's use of federal, state, and local agency grant funds, COUNTY is required to comply with certain contracting requirements and to extend those requirements to all third party contracts. CONSULTANT shall comply with all applicable provisions of federal, state, and local agency regulations, including those required by the FHWA grant funding requirements, regulations, and related executive orders regarding the use,

expenditure, control, reporting, allowable costs, and management of such funds. The following Office of Management and Budget (OMB) Circulars, as applicable, and as implemented by various parts of the Code of Federal Regulations (C.F.R.), are incorporated by reference and made a part of this Agreement:

2 C.F.R. § 225, "Cost Principles for State, Local, and Indian Tribal Governments (formerly OMB Circular A-87)"

Circular A-133, revised June 26, 2007, "Audits of States, Local Governments, and Non-Profit Organizations"

Copies of the OMB Circulars are available on the Internet at:

<https://www.whitehouse.gov/omb/information-for-agencies>

Failure of CONSULTANT to comply with any federal, state, or local agency provision may be the basis for withholding payments for charges made by CONSULTANT and for such other remedies as may be appropriate including termination of this Agreement. CONSULTANT shall further comply with any flow-down or third-party contracting provisions which may be required under the federal, state, or local agency regulations and which may apply to CONSULTANT's subcontracts, if any, associated with this Agreement.

ARTICLE XXXIX

Working Office: CONSULTANT shall establish a working office at a place acceptable to COUNTY. The parties hereto acknowledge and agree that CONSULTANT's office is located at 11060 White Rock Road, Suite 200, Rancho Cordova, California 95670.

ARTICLE XL

Covenant Against Contingent Fees: By executing this Agreement, CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working for CONSULTANT, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift, or any other consideration, contingent upon or resulting from the award or formation of this Agreement. For breach or violation of this warranty, COUNTY shall have the right to annul this Agreement without liability or at its discretion to deduct from the Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee.

ARTICLE XLI

Design Standards: CONSULTANT shall perform all services under this Agreement and as described in Exhibit A, in conformance with applicable federal, state, and local design standards or other standards for work performance stipulated in ARTICLE XIX, Standards for Work, or Exhibit A.

ARTICLE XLII

Documentation: CONSULTANT shall document the results of its work to the satisfaction of COUNTY and if applicable, the State of California, and the FHWA. This may include preparation of progress and final reports, plans, specifications and estimates, or similar evidence of attainment of the Agreement objectives.

ARTICLE XLIII

Patent Rights: Applicable patent rights provisions described in 41 C.F.R. § 1-9.1 regarding rights to inventions are hereby included in this Agreement as applicable.

ARTICLE XLIV

Copyrights: COUNTY may permit copyrighting reports or other Agreement products. If copyrights are permitted, COUNTY, FHWA, and State of California shall have the royalty-free non-exclusive and irrevocable right to reproduce, publish, or otherwise use, and to authorize others to use, the work for State or Federal Government purposes:

- (a) The copyright in any work developed under this Agreement; and
- (b) Any rights of copyright to which CONSULTANT purchases ownership with grant support.

ARTICLE XLV

CONSULTANT's Endorsement on PS&E/Other Data: If applicable, the responsible CONSULTANT/Engineer shall sign all plans, specifications, estimates (PS&E) and all engineering data furnished by it and where appropriate, indicate its registration number.

ARTICLE XLVI

Disadvantaged Business Enterprise (DBE) Considerations: CONSULTANT must give consideration to DBE firms as specified in 23 C.F.R. § 172.5(b) and in Appendix A to 49 C.F.R. § 26. CONSULTANT shall ensure that certified DBE firms have the opportunity to participate in the performance of this Agreement and CONSULTANT shall take all necessary and reasonable steps for such assurance.

As applicable, DBE requirements will be discussed at the meeting or telephone conference held to determine the specific services required in Exhibit A. COUNTY's Contract Administrator will provide CONSULTANT with the necessary DBE forms and information for use and/or submittal with CONSULTANT's proposal or CONSULTANT's final invoice.

ARTICLE XLVII

Disadvantaged Business Enterprise (DBE) Participation:

- A. This Agreement is subject to 49 C.F.R. § 26 entitled "Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs." Consultants who obtain DBE participation on this Agreement shall assist Caltrans in meeting its federally mandated statewide overall DBE goal.

- B. The goal for DBE participation for this Agreement is 11%. Participation by DBE CONSULTANT or subconsultants shall be in accordance with information contained in the Consultant Proposal DBE Commitment (Exhibit 10-O1) or in the Consultant Contract DBE Commitment (Exhibit 10-O2). If a DBE subconsultant is unable to perform, CONSULTANT must make a good faith effort to replace him/her with another DBE subconsultant, if the goal is not otherwise met.
- C. DBEs and other small businesses, as defined in 49 C.F.R. § 26, are encouraged to participate in the performance of contracts financed in whole or in part with federal funds. CONSULTANT or subconsultant shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. CONSULTANT shall carry out applicable requirements of 49 C.F.R. § 26 in the award and administration of US DOT-assisted agreements. Failure by CONSULTANT to carry out these requirements is a material breach of this Agreement, which may result in the termination of this Agreement or such other remedy as COUNTY deems appropriate.
- D. Any subcontract entered into as a result of this Agreement shall contain all of the provisions of this section.
- E. A DBE firm may be terminated only with prior written approval from COUNTY and only for the reasons specified in 49 C.F.R. § 26.53(f). Prior to requesting COUNTY's consent for the termination, CONSULTANT must meet the procedural requirements specified in 49 C.F.R. § 26.53(f).
- F. CONSULTANT shall utilize the specific DBEs listed to perform the work and supply the materials, if any, for which each is listed unless CONSULTANT obtains prior written consent from COUNTY's Contract Administrator. CONSULTANT shall not be entitled to any payment for work or material unless it is performed or supplied by the listed DBE without written approval from COUNTY's Contract Administrator.
- G. A DBE performs a Commercially Useful Function (CUF) when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a CUF, the DBE must also be responsible with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself. To determine whether a DBE is performing a CUF, evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing, and other relevant factors.
- H. A DBE does not perform a CUF if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of DBE participation. In determining whether a DBE is such an extra participant, examine similar transactions, particularly those in which DBEs do not participate.

- I. If a DBE does not perform or exercise responsibility for at least thirty percent (30%) of the total cost of its contract with its own work force, or the DBE subcontracts a greater portion of the work of the contract than would be expected on the basis of normal industry practice for the type of work involved, it will be presumed that it is not performing a CUF.
- J. CONSULTANT shall maintain records of materials purchased or supplied from all subcontracts entered into with certified DBEs. The records shall show the name and business address of each DBE or vendor and the total dollar amount actually paid each DBE or vendor, regardless of tier. The records shall show the date of payment and the total dollar figure paid to all firms. DBE prime consultants shall also show the date of work performed by their own forces along with the corresponding dollar value of the work.
- K. Upon completion of the Agreement, a summary of these records shall be prepared and submitted on the form entitled, "Final Report-Utilization of Disadvantaged Business Enterprise (DBE), First-Tier Subconsultants" CEM-2402F [Exhibit 17-F, of the LAPM], certified correct by CONSULTANT or CONSULTANT's authorized representative and shall be furnished to COUNTY's Contract Administrator with the final invoice. Failure to provide the summary of DBE payments with the final invoice shall result in twenty-five percent (25%) of the dollar value of the invoice being withheld from payment until the form is submitted. The amount will be returned to CONSULTANT when a satisfactory "Final Report-Utilization of Disadvantaged Business Enterprises (DBE), First-Tier Subconsultants" is submitted to COUNTY's Contract Administrator.
- L. If a DBE subconsultant is decertified during the life of the Agreement, the decertified subconsultant shall notify CONSULTANT in writing with the date of decertification. If a subconsultant becomes a certified DBE during the life of the Agreement, the subconsultant shall notify CONSULTANT in writing with the date of certification. Any changes should be reported to COUNTY's Contract Administrator within thirty (30) days.

ARTICLE XLVIII

Compliance with Disability Acts: CONSULTANT shall comply with: (a) Section 504 of the Rehabilitation Act of 1973 which prohibits discrimination on the basis of disability in federally assisted programs; (b) the Americans with Disabilities Act (ADA) of 1990 which prohibits discrimination on the basis of disability irrespective of funding; and (c) all applicable regulations and guidelines issued pursuant to both the Rehabilitation Act and the ADA.

ARTICLE XLIX

Disputes:

- A. Any dispute, other than audit, concerning a question of fact arising under this Agreement that is not disposed of by agreement shall be decided by a committee consisting of COUNTY's Contract Administrator and the Community Development

Services, Department of Transportation Director, or designee, which may consider written or verbal information submitted by CONSULTANT.

- B. Not later than thirty (30) days after completion of all work pursuant to this Agreement, CONSULTANT may request review by COUNTY's Board of Supervisors of unresolved claims or disputes, other than audit. The request for review shall be submitted in writing.
- C. Neither the pendency of a dispute, nor its consideration by the committee, will excuse CONSULTANT from full and timely performance in accordance with the terms of this Agreement.
- D. CONSULTANT's failure to follow this dispute resolution procedure shall constitute a waiver of any and all claims arising out of or related to the dispute and a bar to any further proceedings or legal or equitable remedy.

ARTICLE L

Inspection of Work: CONSULTANT and any subconsultants authorized herein shall permit COUNTY, the State of California, and the FHWA, if federal participating funds are used in this Agreement, to review and inspect the Project activities and files at all reasonable times during the performance period of this Agreement, including review and inspection on a daily basis.

ARTICLE LI

Safety:

- A. CONSULTANT shall comply with OSHA regulations applicable to CONSULTANT regarding necessary safety equipment or procedures. CONSULTANT shall comply with safety instructions issued by COUNTY's Safety Officer and other COUNTY representatives. CONSULTANT's personnel and any subconsultants authorized herein shall wear hard hats and safety vests at all times while working on construction project sites.
- B. Pursuant to the authority contained in Section 591 of the Vehicle Code, COUNTY has determined that there are areas that may be within the limits of certain projects that are open to public traffic. CONSULTANT shall comply with all of the requirements set forth in Divisions 11, 12, 13, 14, and 15 of the Vehicle Code. CONSULTANT shall take all reasonably necessary precautions for safe operation of its vehicles and the protection of the traveling public from injury and damage from such vehicles.
- C. CONSULTANT must have a Division of Occupational Safety and Health (CAL-OSHA) permit(s), as outlined in California Labor Code Sections 6500 and 6705, prior to the initiation of any practices, work, method, operation, or process related to the construction or excavation of trenches which are five (5) feet or deeper.
- D. Any subcontract entered into as a result of this Agreement, shall contain all of the provisions of this Article.

ARTICLE LII

Claims Filed by COUNTY'S Construction Contractors:

- A. If claims are filed by COUNTY's construction contractors relating to work performed by CONSULTANT's personnel or subconsultants, and additional information or assistance from CONSULTANT's personnel or subconsultants is required in order to evaluate or defend against such claims, CONSULTANT agrees to make its personnel and/or subconsultants available for consultation with COUNTY's construction contract administration and legal staff and for testimony, if necessary, at depositions and at trial or arbitration proceedings.
- B. CONSULTANT's personnel and subconsultants that COUNTY considers essential to assist in defending against construction contractor claims will be made available on reasonable notice from COUNTY. Any consultation or testimony that may be required by COUNTY will be reimbursed at the same rates that are being paid for CONSULTANT's personnel services under Exhibit B hereto, unless the construction contractor claims are covered in whole or in part by ARTICLE XXXI, Indemnity, in which case no compensation will be paid.
- C. Services of CONSULTANT's personnel or subconsultants in connection with COUNTY's construction contractor claims will be performed pursuant to a written contract amendment, if necessary, extending the termination date of this Agreement in order to finally resolve the claims.

ARTICLE LIII

National Labor Relations Board Certification: In accordance with Public Contract Code Section 10296, CONSULTANT hereby states under penalty of perjury that no more than one final unappealable finding of contempt of court by a federal court has been issued against CONSULTANT within the immediately preceding two-year period, because of CONSULTANT's failure to comply with an order of a federal court that orders CONSULTANT to comply with an order of the National Labor Relations Board.

ARTICLE LIV

Evaluation of CONSULTANT: CONSULTANT's performance will be evaluated by COUNTY. A copy of the evaluation will be sent to CONSULTANT for comments. The evaluation together with the comments shall be retained as part of the contract record.

ARTICLE LV

Contracting with Small and Minority Firms and Women's Business Enterprises: It is a national policy to award a fair share of contracts to small and minority business firms and women's business enterprises. COUNTY is strongly committed to the objectives of this policy and encourages all consultants to take affirmative steps to ensure such fairness.

1. CONSULTANT shall take all necessary affirmative steps to assure that minority firms and women's business enterprises are used when possible.

2. Affirmative steps shall include:

- (a) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
- (b) Assuring that small and minority businesses and women's business enterprises are solicited whenever they are potential sources;
- (c) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority business and women's business enterprises;
- (d) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority business and women's business enterprises;
- (e) Using the services and assistance of the Small Business Administration and the Minority Business Development Agency of the Department of Commerce as appropriate; and
- (f) Requiring the prime CONSULTANT, if subcontracts are to be let, to take the affirmative steps listed in 2 (a) through (e) above.

ARTICLE LVI

Environmental Compliance: CONSULTANT shall comply with all applicable standards, orders, or requirements issued under Section 306 of the Clean Air Act (42 U.S.C. 1857(h)); Section 508 of the Clean Water Act (33 U.S.C. § 1368); Executive Order 11738; Environmental Protection Agency regulations (40 C.F.R. § 15); and mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871).

ARTICLE LVII

Contract Administrator: The COUNTY Officer or employee with responsibility for administering this Agreement is, Matthew D. Smeltzer, P.E., Deputy Director, Engineering, Fairlane Engineering Division, Community Development Services, Department of Transportation, or successor.

ARTICLE LVIII

Authorized Signatures: The parties to this Agreement represent that the undersigned individuals executing this Agreement on their respective behalf are fully authorized to do so by law or other appropriate instrument and to bind upon said parties the obligations set forth herein.

ARTICLE LIX

Partial Invalidity: If any provision, part of a provision, sentence, or word of the Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions, parts, sentences, or words will continue in full force and effect without being impaired or invalidated in any way.

ARTICLE LX

No Third Party Beneficiaries: Nothing in this Agreement is intended, nor will be deemed, to confer rights or remedies upon any person or legal entity not a party to this Agreement.


ARTICLE LXI

Counterparts: This Agreement may be executed in one or more counterparts, each of which shall be an original and all of which together shall constitute one and the same instrument.

ARTICLE LXII

Entire Agreement: This document and the documents referred to herein or exhibits hereto are the entire Agreement between the parties, and they incorporate or supersede all prior written or oral agreements or understandings.

Requesting Contract Administrator Concurrence:

By:  Dated: 5/17/2018
For: Matthew D. Smeltzer, P.E.
Deputy Director, Engineering
Fairlane Engineering Division
Community Development Services
Department of Transportation

Requesting Department Concurrence:

By:  Dated: 5/17/18
Rafael Martinez, Director
Community Development Services
Department of Transportation

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the dates indicated below.

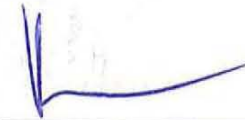
-- COUNTY OF EL DORADO --

By: 

Dated: 5/22/2014


Board of Supervisors
"COUNTY"

Attest:
James S. Mitrising
Clerk of the Board of Supervisors

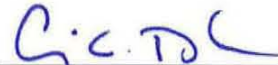
By: 
Deputy Clerk

Dated: 5/22/2014

-- DRAKE, HAGLAN & ASSOCIATES, INC. --

By: 
Dennis Haglan
President
"CONSULTANT"

Dated: 5/16/18

By: 
Craig Drake
Chief Financial Officer

Dated: 05/16/2018

Drake, Haglan & Associates, Inc.

Exhibit A

Scope of Work

1.0 Pre-Construction Phase

1.1 Construction Management Plan (WBS C010E)

CONSULTANT shall meet with COUNTY to establish the Project goals and objectives. COUNTY and CONSULTANT shall identify Project criteria and develop a construction management plan that clearly outlines the responsibilities of the team and COUNTY along with the lines of communications and authority for the Project. CONSULTANT shall maintain Project files in an organized, efficient, and logical manner that is consistent with COUNTY directives and the current edition of the *Caltrans Construction Manual*.

CONSULTANT shall prepare and submit a project-specific procedures manual for COUNTY's review and approval. CONSULTANT shall distribute the manual to the responsible parties to be used throughout construction of the Project. Items to be covered in the plan include:

- Construction management organization
- Lines of communication
- Authority levels for approval
- Meetings
- Change order procedures
- Schedule
- Request For Information (RFI) and submittal procedures
- Safety
- Progress payments
- Construction inspections and special inspection/testing
- Permits
- Document management
- Project goals and objectives

Deliverables:

Project-specific procedures manual to COUNTY within one (1) week of receipt of the fully-executed Agreement.

1.2 Documentation of Pre-Construction Conditions (WBS C010E)

CONSULTANT shall walk the Project site to observe construction issues not addressed on the plans to minimize issues during the construction phase. CONSULTANT shall provide complete documentation of the pre-construction conditions and place in the Project files. All photos shall be logged with a date, description, and location and placed

in the cloud-based file system BOX. CONSULTANT shall review the Project construction contract documents for ambiguities, errors, omissions, and contradictions between the plans, specifications, pay items, and item payment provisions. CONSULTANT shall also review the construction contract documents for clarity, completeness, consistency, and constructability. CONSULTANT shall provide COUNTY with written constructability review comments from its review.

Deliverables:

- All digital photographs and videos shall be placed in the cloud-based file system BOX.
- Constructability review comments within one (1) week of receipt of the fully-executed Agreement.

1.3 Pre-Construction Meeting (WBS C010E)

CONSULTANT shall conduct a pre-construction meeting with the Contractor, COUNTY, permitting agencies, and Project staff. Other pertinent entities, determined by COUNTY will be invited to attend. During the meeting, CONSULTANT shall discuss Project specifics, including contract submittal requirements, change order and potential claim procedures, the Contractor's construction schedule, technical issues, and safety procedures.

CONSULTANT shall prepare and submit the list of attendees and agenda for the meeting via email at least two (2) days before the meeting. CONSULTANT shall submit the minutes and the list of attendees from the meeting via email within two (2) days after the meeting. All necessary forms shall be provided to the Contractor for submittal in accordance with required construction records and accounting formats. CONSULTANT shall place hard copies of the agenda, minutes, and attendee list in the Project files within two (2) days after the meeting.

Deliverables:

- List of attendees and agenda for the meeting via email at least two (2) days before the meeting.
- Minutes and the list of attendees from the meeting via email within two (2) days after the meeting.
- Hard copies of the agenda, minutes, and attendees list shall be placed in the Project files within two (2) days after the meeting.

1.4 Pre-Construction Water Pollution Control (WBS C010E)

CONSULTANT shall make written review comments regarding the Contractor's Storm Water Pollution Prevention Plan (SWPPP), shall submit the review comments to COUNTY, and shall facilitate conditional and final acceptance of the SWPPP by issuing rejection or letters, as appropriate, regarding the Contractor's SWPPP. The issuance of all letters regarding the Contractor's SWPPP shall be in accordance with the timelines provided in the Project's Construction Contract Special Provisions.

CONSULTANT shall email COUNTY copies of all rejection/acceptance letters regarding the Contractor's SWPPP when the letters are transmitted to the Contractor. CONSULTANT shall place copies of all letters regarding the Contractor's SWPPP in the Project files.

Deliverables:

Copies of all letters regarding the Contractor's SWPPP shall be placed in the Project files within two (2) days of transmittal to the Contractor.

2.0 Construction Phase

2.1 Conduct Pre-Construction Surveys for California Red-Legged Frog, Foothill Yellow-Legged Frog, Nesting Raptors and Other Migratory Bird Species (WBS C010E)

CONSULTANT shall provide arborist and biological services to include the following:

CONSULTANT shall submit name and credentials of the biologist(s) to the California Department of Fish & Wildlife (CDFW) and U.S. Fish & Wildlife Service (USFWS) for review and approval at least fifteen (15) days prior to the onset of construction activities.

CONSULTANT's biologist shall conduct a California red-legged frog (CRLF) and Foothill yellow-legged frog (FYLF) survey of the Project site within twenty-four (24) hours prior to the onset of construction activities. If any life stage of the CRLF is found and is likely to be killed or injured by work activities, the biologist shall consult with USFWS to identify appropriate measures for avoidance or protection of the CRLF. If FYLF is encountered, the biologist shall relocate FYLF to a location with suitable habitat and not be affected by Project activities.

CONSULTANT's biologist shall provide environmental awareness training for construction personnel prior to the onset of work. The training shall include CRLF and FYLF identification and necessary steps to take if CRLF and FYLF are encountered in the work area. The biologist shall also train construction personnel to identify weakness and compromised portions of animal exclusion fencing.

CONSULTANT's biologist shall provide construction monitoring during initial vegetation clearing within CRLF habitat.

CONSULTANT's biologist shall conduct a survey for nesting birds, including raptors within five hundred (500) feet of the Project boundaries no more than fourteen (14) days prior to the onset of construction activities. If active nests are found during the survey, the biologist shall submit a Bird Management and Monitoring Plan to CDFW, including survey results and established necessary buffers to avoid take of a nest pursuant to Fish and Game Code Sections 3503 and 3503.5. The results of the survey shall include the name of the biologist, dates of survey, total field time of survey efforts, map of survey routes, and the type of species nesting. The biologist shall establish a buffer

around the nest tree. Construction activity will be prohibited within the buffer until the biologist determines the nest is no longer active.

Deliverables:

- CRLF and FYLF training materials shall be provided to COUNTY five (5) working days prior to the training.
- Survey for nesting birds and any data and correspondence pertaining to preconstruction surveys shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.

2.1.1 Oak Resources Assessment & Technical Report (WBS C010E)

CONSULTANT's ISA-certified arborist shall conduct an assessment of oak trees within the Project area. Upon completion of the field assessment, CONSULTANT shall prepare a draft and final Oak Resources Technical Report in accordance with COUNTY's Oak Resources Management Plan, including an estimated in-lieu fee calculation for the oak trees subject to removal.

Deliverables:

- Draft Oak Resources Technical Report within ten (10) working days of CONSULTANT's receipt of the fully-executed Agreement.
- Final Oak Resources Technical Report within two (2) working days of receiving COUNTY comments on the Draft Oak Resources Technical Report.

2.2 Conduct Pre-Construction Surveys for Archaeological Sensitive Area (WBS C010E)

CONSULTANT's archaeologist shall work with the Contractor to delineate the boundary of any archaeological sensitive areas near the Project. These areas and limits of work shall be delineated using orange mesh fencing or equivalent. The installation of the fencing shall be monitored to ensure that potential archaeological resources are protected.

CONSULTANT's archaeologist shall ensure the environmentally sensitive area (ESA) fencing is installed in accordance with the ESA Action Plan. CONSULTANT's archaeologist shall review weekly reports prepared by CONSULTANT's Resident Engineer on the condition of the ESA fencing. In the event of a breach, CONSULTANT's archaeologist shall be available to monitor on site. If buried resources are discovered during construction that require subsequent investigations, CONSULTANT shall coordinate with COUNTY, local historical society, or Native American Groups (as necessary), and shall provide an additional scope of work to evaluate and develop a resource management plan.

CONSULTANT shall submit an email summary of each survey and shall submit a written report summarizing the survey results following completion of the final survey for each construction season (two [2] submittals total).

Deliverables:

- Email summary of each survey within one (1) day following each survey.
- One (1) copy of the written report summarizing the survey results within one (1) week following completion of the final survey for each construction season (two [2] submittals total).

2.3 Conduct Worker Environmental Awareness Training (WEAP) (Biology) (WBS C010E)

CONSULTANT's biologist shall conduct WEAP training for all on-site personnel prior to the commencement of construction. The training shall explain to construction workers how best to avoid impacts to CRLF and FYLF and shall include topics on species identification, life history, descriptions, and habitat requirements during various life stages. CONSULTANT shall prepare training materials with illustrations, photographs, and project mapping showing minimization and avoidance measure areas and shall include the materials as part of the education program. In addition, CONSULTANT's biologist shall maintain a construction-monitoring notebook on-site throughout the construction period which shall include a copy of the permits and all attachments and a list of signatures of all personnel who have successfully completed the education program.

As new workers come onto the Project, they shall be required to complete the WEAP training before starting work. This training shall be logged in the construction monitoring notebook.

Deliverables:

- Training materials for WEAP training.
- Data and correspondence pertaining to WEAP training, including copies of the construction monitoring notebook shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.

2.4 Conduct Worker Environmental Awareness Training (Archaeology) (WBS C010E)

CONSULTANT's archaeologist shall conduct WEAP training for all on-site personnel prior to the commencement of materials staging or ground disturbing activities. The training shall explain to construction workers how best to avoid impacts to potential subsurface archaeological finds. CONSULTANT shall prepare training materials with illustrations, photographs, and project mapping and shall include the materials as part of the education program. In addition, CONSULTANT shall maintain a construction-monitoring notebook on-site throughout the construction period which shall include a list of signatures of all personnel who have successfully completed the education program.

As new workers come onto the Project, they shall be required to complete the WEAP training before starting work. This training shall be logged in the construction monitoring notebook.

Deliverables:

- Training materials for WEAP training.
- Data and correspondence pertaining to WEAP training, including copies of the construction monitoring notebook shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.

2.5 Safety (WBS C010E)

CONSULTANT shall take a proactive role in job site safety by participating in the Contractor's safety meetings and daily pre-task planning (job hazard assessments) that identifies the proper way to complete a task.

CONSULTANT shall closely monitor the Contractor's traffic control measures for the Project and shall thoroughly review the Contractor's traffic control plan. CONSULTANT shall implement the standard traffic control in accordance with the standard plans and when needed require the Contractor to provide specific traffic control. CONSULTANT shall continuously monitor the traffic control activities to ensure that it is being conducted in the safest possible manner.

Deliverables:

Data and correspondence pertaining to safety shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.

2.6 Contract Administration and Project Documentation (WBS C010E)

CONSULTANT shall set up the Project files using the standard Caltrans filing system for contract administration and document processing. In addition to paper documents, CONSULTANT's Office Engineer shall keep electronic copies of all Project information in the cloud-based file system, BOX. CONSULTANT shall provide access to the cloud based records to COUNTY.

CONSULTANT shall conduct a kick-off meeting with COUNTY to confirm document control protocol. This process shall allow specific needs to be identified before the files are set up and also to minimize questions at the end of the project.

CONSULTANT shall prepare a Daily Resident Engineer's report, summarizing the day's work progress, pertinent conversations with COUNTY or Contractor, and other noteworthy occurrences.

CONSULTANT shall prepare a Weekly Statement of Working Days at the conclusion of each week.

As RFIs are received by CONSULTANT from Contractor, CONSULTANT shall enter the date received into an RFI log. The RFI log shall contain information for each RFI, including, but not limited to, date received, RFI description, party responsible for review, target response date, actual response date, and RFI open/closed status. When CONSULTANT is not responsible for RFI review, CONSULTANT shall perform an initial

review for RFI clarity and completeness and forward the RFI to the party responsible for review, or return to the Contractor for modification and resubmittal. When CONSULTANT is responsible for RFI review, CONSULTANT shall review the RFI and respond to the Contractor within five (5) working days of RFI receipt from the Contractor.

CONSULTANT shall prepare CCOs as necessary. CCOs shall be prepared in accordance with the *Caltrans Construction Manual*, *Caltrans Local Assistance Procedures Manual*, and COUNTY Project Manager's instructions and direction. CONSULTANT shall obtain authorization from COUNTY prior to any CCO work being performed. CONSULTANT shall maintain a high level of communication with the Contractor in order to help prevent potential claims and resolve disputes at the lowest level possible. CONSULTANT shall carefully document all potential claims and disputes in writing and notify COUNTY promptly in the event a dispute is unable to be resolved. CONSULTANT shall review documentation, as necessary, in order to investigate disputes that may become formal claims and present recommendations to COUNTY.

CONSULTANT shall prepare and submit monthly reports to COUNTY in both electronic and printed formats. These reports shall document cost and schedule items for the Project to date and for the most recent month. Reporting shall include current and previous payments made to the Contractor; Project completion milestones and any impacts to those dates; change orders processed during the current month and a cumulative total for all change orders processed to date; a narrative on schedule issues; and work completed during the current month, as well as anticipated activities for the upcoming month. The report shall also include Project information on submittals and RFIs submitted during the subject period and cumulative to date. Several Project photographs shall be included in each report of work activities completed during the reporting period.

Deliverables:

RFI Logs, CCOs, Daily Resident Engineer's Report, Weekly Statement of Working Days, monthly reports, and data and correspondence pertaining to schedule management shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.

2.7 Contractor's Project Schedule Review (WBS C010E)

CONSULTANT shall implement comprehensive Project controls to help manage the critical issues of time, cost, scope, quality, and safety. CONSULTANT shall keep the Project on schedule and budget through timely constructability reviews during Project initiation and start-up; effective utility coordination; the resolution of Project issues at the lowest level of management at the Project site; and expert management of potential claims.

CONSULTANT shall work closely with the Contractor to ensure that schedule control measures and management techniques are in place to accurately plan, monitor, and report performance throughout construction.

CONSULTANT shall perform a detailed review of the Contractor's schedule to assess logic between activities, key activity durations to determine whether or not they are realistic, and verify that the critical path complies with the contract documents. CONSULTANT shall confirm that all specified construction sequencing and schedule constraints, permit conditions, interfacing with adjacent contracts, and all submittals, procurement, construction, shut-downs and tie-ins, testing and start-up, and closeout activities are included for all contract work. CONSULTANT shall also verify that the schedule meets all milestones and deadlines.

During construction, CONSULTANT shall review the monthly schedule updates to confirm the progress of construction, including start and finish dates for the activities, changed logic ties, any delays encountered, and other potential impacts. If impacts to the schedule appear imminent, CONSULTANT shall immediately schedule meetings with the Contractor to discuss alternatives, including the use of additional shifts or manpower, if necessary.

Once the baseline schedule is approved by CONSULTANT, it shall serve as the blueprint for the Contractor's approach to constructing the Project and shall be used to evaluate potential delays and work-around strategies to mitigate delay impacts. If impacts to the schedule appear imminent, CONSULTANT's Resident Engineer shall immediately schedule meetings with the Contractor to discuss alternatives, including the use of additional shifts or manpower, if necessary.

CONSULTANT shall review the monthly schedule updates for accuracy against the Project records such as diaries, pour records, and other documentation. CONSULTANT shall confirm that weather days, contract change orders, and work re-sequencing has been included so that impacts to the critical path can be accurately assessed. CONSULTANT's Project Manager/Resident Engineer shall instruct the Contractor to prepare a recovery schedule when any critical path activity falls more than two (2) weeks behind schedule. CONSULTANT's Project Manager/Resident Engineer shall monitor the recovery schedule's effectiveness in keeping construction activities on track.

Deliverables:

Data and correspondence pertaining to schedule management shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.

2.8 Construction Meetings (WBS C010E)

CONSULTANT shall hold weekly progress meetings to coordinate communication with the Contractor, COUNTY, and other stakeholders, as necessary. CONSULTANT shall

meet with the Contractor to discuss upcoming operations, contract requirements, and potential issues related to proposed construction activities. Separate field meetings with other stakeholders to discuss their concerns may be necessary to keep the Project moving forward. Prior to the Contractor demobilizing, CONSULTANT shall invite all stakeholders to walk the Project to make sure their concerns have been addressed.

CONSULTANT shall prepare meeting agendas and place them in the Project files two (2) working days before each meeting. CONSULTANT shall prepare meeting minutes and place them in the Project files two (2) working days after each meeting.

Deliverables:

- Meeting agendas shall be placed in the Project files two (2) working days before each meeting date.
- Meeting minutes shall be placed in the Project files within two (2) working days after each meeting date.

2.9 Field Inspections (WBS C100F)

CONSULTANT shall verify that construction proceeds in accordance with COUNTY's plans and specifications and all other pertinent Project standards and conduct inspections to verify the workmanship and quality of all work conducted on site. This task includes CONSULTANT inspecting the methods, means, and techniques utilized by the Contractor or any of its subcontractors. CONSULTANT shall document any deficiencies or deviations from the contract documents in writing, send the information to the Contractor, and bring issues to COUNTY's attention.

CONSULTANT shall be responsible for:

- Monitoring the Contractor's work for general conformance with the plans and specifications
- Documenting the progress of the work with daily diaries and photographs
- Monitoring contract change order work in the field
- Confirming that the designer's submittal comments are incorporated into the work
- Reviewing the Contractor's as-built record drawings status
- Coordinating materials testing
- Reviewing and logging materials testing results and addressing non-conforming tests
- Preparing deficiency and punch lists

CONSULTANT's on-site inspectors shall prepare Daily Inspection Reports, including, but not limited to the following:

- The date and day of the week
- Labor (names of personnel, names of their respective companies, and their respective labor classifications)

- Equipment (type, make, model, company that owns or is using the equipment, and the Contractor's or subcontractor's equipment identification number)
- Weather
- Number of hours that labor and equipment were used on respective contract items of work
- Number of hours that labor and equipment were used on respective CCOs
- Number of hours that labor and equipment were idle
- Specific times (e.g., 7:30 a.m. – 11:30 a.m., 12:30 p.m. – 4:00 p.m.) that CONSULTANT's inspector was on site
- Narrative section that includes all pertinent observations and discussions that occurred that day, a general description of the work performed that day, and lists and locations of the construction contract item quantities constructed that day

CONSULTANT shall place the completed originals of the previous week's Daily Inspection Reports in the Project files before noon every Monday.

Deliverables:

Completed originals of the previous week's Daily Inspection Reports shall be placed in the Project files before noon every Monday.

2.9.1 Materials Testing (WBS C110G)

CONSULTANT shall coordinate and monitor all field and laboratory testing of soils, backfill, asphalt, concrete, and other required testing with COUNTY's lab. CONSULTANT shall review the test materials results, forward copies of the test results to COUNTY's construction engineer as part of the monthly report, and shall work with the Contractor to resolve any deficiencies. All test procedures shall be in accordance with the contract documents. CONSULTANT shall provide two (2) specialists to provide specialty testing.

Deliverables:

Copies of materials testing data results shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.

2.9.2 Permits (WBS C010E)

CONSULTANT's Resident Engineer shall develop a log of permit conditions that includes regulatory milestones and reporting requirements, correlates those requirements to pay items and tasks on the Critical Path Method, and shows current status relative to permit conditions. All activities that directly relate to permit activity or are governed by a permit shall be tracked in CONSULTANT's inspector's daily diaries separately. These activities and inspector's reports shall be available in real time and sortable by permit type/name and date. Upon completion of regulated activities, CONSULTANT's Resident Engineer shall submit the required permit closure documents to the issuing agency. CONSULTANT's in-house biological/SWPPP expert and archaeologist shall review all permits and ensure conditions of permits are followed.

Deliverables:

Log of permit conditions, inspector's reports, and data and correspondence pertaining to permits shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.

2.9.3 Public Interaction (WBS C010E)

CONSULTANT shall catalog any interactions with the public, including conversations on the site, telephone complaints, and conversations regarding the Project. This catalog shall be turned into a log that shall be available for COUNTY to review. A summary of any public interaction shall be included in the monthly report to COUNTY.

Deliverables:

Log and summary of public interaction shall be included in the monthly report to COUNTY.

2.9.4 Storm Water Pollution Prevention and Biological Monitoring (WBS C105E)

CONSULTANT shall provide water pollution control services including, but not limited to, the following:

- CONSULTANT shall ensure Contractor compliance with all water pollution control requirements, including but not limited to requirements in the contract documents, the Construction General Permit (CGP) issued by the State Water Resources Control Board, and all Project specific permits.
- CONSULTANT shall ensure Contractor compliance with Contractor's accepted Storm Water Pollution Prevention Plan (SWPPP). CONSULTANT shall ensure that any updates to Contractor's accepted SWPPP are submitted, reviewed, and approved in accordance with the requirements in the construction contract documents.
- CONSULTANT shall perform inspections of the Contractor's water pollution control measures deployed at the Project site in accordance with the intervals described in the construction contract documents and in accordance with the CGP. CONSULTANT shall coordinate inspections by State and Federal regulatory agencies at the Project site whenever such agencies request inspections.

CONSULTANT shall forward inspection reports and test data corresponding to water pollution control procedures to COUNTY for input in to the State's electronic tracking system.

Deliverables:

Data and correspondence pertaining to storm water pollution prevention and biological monitoring shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.

2.9.5 Submittals (WBS C010E)

CONSULTANT shall maintain a submittals log and process all required submittals. CONSULTANT shall review submittals in a timely manner and shall receive, log, track, and process shop drawings and other Contractor submittals and coordinate review of the submittals with COUNTY. Prior to forwarding submittals to COUNTY, CONSULTANT shall review each submittal for completeness. If a submittal is found to be incomplete, it shall immediately be returned to the Contractor with the deficiencies noted.

Deliverables:

Copies of the Submittals Log shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.

2.9.6 Cost Control and Reporting (WBS C010E)

CONSULTANT shall prepare and submit a monthly status report to COUNTY to provide an update on the Project schedule, Project budget, expenditures on change orders and any appropriate analysis, a forecast at completion (costs), work completed in the specified period, work contemplated for the next period, outstanding project issues, any potential claims and analysis of those claims, Project photographs, and the CONSULTANT contract status. The monthly status report shall also summarize the anticipated cash flow of the remaining work, including all hard costs such as change orders, item overruns, and soft costs such as potential claims.

CONSULTANT shall utilize the electronic filing system BOX for tracking and monitoring the actual construction costs on the Project. This system includes spreadsheets to track progress pay estimates, item over-runs and under-runs, and contract change orders. These forms are in electronic format to meet COUNTY's needs.

Deliverables:

Copies of the Monthly Status Report shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.

2.9.7 Progress Payments (WBS C010E)

In accordance with the construction contract documents, COUNTY directives, and the current edition of the *Caltrans Construction Manual*, CONSULTANT shall generate monthly progress pay estimates to be used by COUNTY to pay the Contractor. CONSULTANT shall base the monthly progress pay estimates upon quantity calculation sheets developed by CONSULTANT for each contract item that shows the calculations, measurements, or estimates made to support payments. CONSULTANT shall inform the Contractor of quantities for each item being paid each month prior to CONSULTANT finalizing the monthly progress pay estimates so that any disputes regarding the amounts to be paid can be negotiated by CONSULTANT and the Contractor.

CONSULTANT shall submit progress pay estimates to COUNTY on or before the 22nd of every month. If the 22nd falls on a weekend or a holiday, CONSULTANT shall

submit the progress pay estimate to COUNTY on the first working day thereafter. CONSULTANT shall provide the format for the progress pay estimates to COUNTY for review and approval prior to utilization.

Deliverables:

- Data and correspondence pertaining to payment recommendations shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.
- Progress pay estimates submitted on or before the 22nd of every month. If the 22nd falls on a weekend or holiday, the progress pay estimate shall be submitted on the first working day thereafter.

2.9.8 Management of Change Orders and Potential Claims (WBS C010E)

CONSULTANT's inspectors shall walk the Project site and utility alignments to identify all pre-existing site conditions, surrounding areas, and access points. The Project site conditions shall be documented before construction starts to avoid disputes about damage caused during construction or restoration of the site post-construction. All pre-construction photos and videos shall be documented, logged, and filed in the Project files.

CONSULTANT's Resident Engineer shall use the change order authorization process established with COUNTY at the start of the Agreement. CONSULTANT's Resident Engineer shall complete an entitlement assessment for CCOs, analyze costs and schedule impacts, recommend approval or rejection, and negotiate the approved change with the Contractor. Change order authorizations shall be tracked in monthly reports to monitor overall construction budget authorizations and contingency balances. CONSULTANT shall track potential costs for budgeting purposes until resolution.

Deliverables:

Entitlement assessments and copies of pre-construction photos, videos, and change order monthly reports shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.

2.10 Construction Engineering (WBS C105E)

CONSULTANT shall provide construction engineering services including, but not limited to, the following:

- Shoring, excavation, and falsework plan review, analysis, and responses to the Contractor
- Calculation, analysis, and review of temporary and finished elevations
- Development, analysis and review of revisions to construction contract documents for incorporation into CCOs
- Analysis of Portland cement concrete mix designs

- Shop drawing and working drawing review, analysis, and responses to the Contractor
- Concrete placement plan review, analysis, and responses to the Contractor
- Analysis of formwork designs and systems
- Calculation and analysis of post tensioning system strand elongations during stressing operations
- Calculation of joint seal groove widths

Deliverables:

Reviews, analysis, data, calculations, and correspondence pertaining to construction engineering shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.

3.0 Post-Construction Phase

3.1 Project Close-Out (WBS C205E)

Elements leading to Project completion include rectifying outstanding punch list items, approval and acceptance of final payment, and completion of Project paperwork. CONSULTANT shall:

- Work with the Contractor to verify the as-built drawings are kept up to date on a regular basis
- Making sure the as-built set of drawings reflect the same changes
- Developing a punch list of remaining items of work after the Contractor's work is substantially completed and following through with the Contractor's completion of those items
- Conducting a final Project review with COUNTY, the designer, and other agencies that may be affected by the work
- Upon satisfactory completion, submittal of a formal recommendation for Project acceptance
- Preparation of the proposed final payment, addressing the Contractor's exceptions, and submittal of the final payment requests in the time-frame required by law

Deliverables:

Copies of all Project close-out documents shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.

3.2 Final Project Documentation (WBS C205E)

CONSULTANT shall prepare and submit a final submittal package of all field records to COUNTY. CONSULTANT shall also prepare a Project completion report, which shall include:

- A summary of change orders and potential claims
- A summary of the materials tested and incorporated into the work
- Final Project schedule and Project expenditures
- Summary of final acceptance
- As-built drawings
- Paperwork for federal compliance and labor compliance, preparation of reimbursement invoices, and all required paperwork, reports, and submittals, as necessary.

Deliverables:

Copies of the final submittal package of all field records and the Project Completion Report shall be placed in the Project files within five (5) working days of creating or receiving such data or correspondence.

Drake, Haglan & Associates, Inc.

Exhibit B

Rate Schedule

Classification	Hourly Rate Range
Project Manager	\$ 224.40 – 253.00
Structures Representative	\$ 139.19 – 157.00
Administrative Assistant	\$ 69.00 – 77.00
Administration	\$ 96.00 – 108.00
Administrative Manager	\$ 120.00 – 135.00
CAD Technician I	\$ 63.00 – 71.00
CAD Technician II	\$ 74.00 – 83.00
CAD Technician III	\$ 84.00 – 95.00
Senior CAD Technician	\$ 113.00 – 127.00
CAD Designer	\$ 91.00 – 102.00
Senior CAD Designer	\$ 111.00 – 124.00
Senior Designer	\$ 104.00 – 117.00
CAD Manager	\$ 132.00 – 148.00
Assistant Office Engineer	\$ 74.00 – 84.00
Assistant Construction Inspector	\$ 97.00 – 109.00
Assistant Resident Engineer	\$ 132.00 – 148.00
Office Engineer	\$ 95.00 – 106.00
Construction Inspector	\$ 140.00 – 157.00
Resident Engineer	\$ 181.00 – 204.00
Structures Representative	\$ 183.00 – 206.00
Senior Office Engineer	\$ 124.00 – 140.00
Senior Construction Inspector	\$ 153.00 – 172.00
Senior Resident Engineer	\$ 216.00 – 243.00
Construction Manager	\$ 189.00 – 212.00

Engineering Technician	\$ 45.00 – 51.00
Assistant Engineer Range A	\$ 93.00 – 105.00
Assistant Engineer Range B	\$ 120.00 – 135.00
Associate Engineer	\$ 151.00 – 170.00
Engineer, Range A	\$ 117.00 – 132.00
Engineer, Range B	\$ 128.00 – 143.00
Engineer, Range C	\$ 142.00 – 160.00
Senior Engineer, Range A	\$ 152.00 – 171.00
Senior Engineer, Range B	\$ 168.00 – 189.00
Senior Engineer, Range C	\$ 177.00 – 199.00
Senior Engineer, Range D	\$ 236.00 – 266.00
Principal Engineer	\$ 268.00 – 302.00
Assistant Environmental Planner	\$ 71.00 – 80.00
Environmental Planner	\$ 104.00 – 117.00
Environmental Planner – Biologist	\$ 104.00 – 117.00
Environmental Specialist	\$ 104.00 – 117.00
Senior Environmental Planner	\$ 125.00 – 141.00
Senior Environmental Specialist	\$ 125.00 – 141.00
Environmental Services Manager	\$ 151.00 – 170.00
Assistant Project Coordinator	\$ 42.00 – 48.00
Project Coordinator	\$ 57.00 – 64.00
Senior Project Coordinator	\$ 76.00 – 86.00
Public Relations Manager	\$ 116.00 – 130.00

Mileage Reimbursement

Reimbursement for mileage expenses for CONSULTANT and subconsultants shall be compensated in accordance with all of the provisions of ARTICLE VII, Cost Principles and Administrative Requirements, of this Agreement.

Other Direct Costs Markup

Other direct costs including, but not limited to, special reproductions and other outside services authorized herein, shall be invoiced at CONSULTANT's cost, without markup, for the services rendered. Any invoices that include other direct costs shall be accompanied by backup documentation to substantiate CONSULTANT's costs for the services being billed on those invoices.

Rate Increases

Any increases in CONSULTANT's hourly rates shall be in accordance with ARTICLE V, Allowable Costs and Payments, of this Agreement and are subject to written approval by COUNTY's CA.

Drake, Haglan & Associates, Inc.

Exhibit C

Cost Estimate

Task	Description	Cost
1	Pre-Construction Phase	\$19,642.32
2	Construction Phase	\$263,635.32
3	Post-Construction Phase	\$19,081.65
	Consultant Subtotal	\$302,359.29
	Consultant Other Direct Costs and Mileage	\$5,000.00
	Consultant Total	\$307,359.29
	Subconsultants:	
	Flaherty Engineering, Inc.	\$138,230.40
	Safework, Inc.	\$64,024.49
	Safework, Inc. Other Direct Costs, Travel, and Mileage	\$3,750.00
	Subconsultant Total	\$206,004.89
	Total Project Estimate	\$513,364.18

All expenses and their distribution among Tasks are estimates only. This Exhibit represents the composition of the total not-to-exceed budget for this Agreement. In the performance of the Scope of Work to be provided in accordance with this cost estimate, CONSULTANT may request to reallocate the expenses listed herein among the various Scope of Work Tasks, Other Direct Costs, subconsultants, and Safework, Inc.'s Other Direct Costs, Travel, and Mileage identified herein, subject to COUNTY's Contract Administrator's prior written approval. In no event shall the total not-to-exceed amount of the Agreement be exceeded.

Drake, Haglan & Associates, Inc.

Exhibit D

INTEREST OF CONSULTANT DISCLOSURE STATEMENT

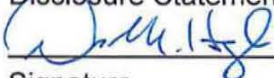
Disclosure of Conflicts

In accordance with ARTICLE XIII, Conflict of Interest, in the space provided below, and on supplemental sheets as necessary, (a) CONSULTANT shall disclose any financial, business or other relationship with COUNTY that may have an impact upon the outcome of this Agreement or any ensuing COUNTY construction project; and (b) CONSULTANT shall disclose current clients who may have a financial interest in the outcome of this Agreement or any ensuing COUNTY construction project.

N/A

Certification

The undersigned hereby certifies that, to the best of his or her knowledge and belief, no interest exists that is required to be disclosed in this Interest of Consultant Disclosure Statement, other than as disclosed above.



Signature

Dennis M. Haglan

Name

President

Title

Drake, Haglan & Associates, Inc.

Company Name

5/16/18

Date

Drake, Haglan & Associates, Inc.

Exhibit E

**INSTRUCTIONS FOR COMPLETION OF SF-LLL,
DISCLOSURE OF LOBBYING ACTIVITIES**

This disclosure form shall be completed by the reporting entity, whether subawardee or prime federal recipient at the initiation or receipt of covered federal action or a material change to previous filing pursuant to title 31 U.S.C. Section 1352. The filing of a form is required for such payment or agreement to make payment to lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with a covered federal action. Attach a continuation sheet for additional information if the space on the form is inadequate. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered federal action for which lobbying activity is and/or has been secured to influence, the outcome of a covered federal action.
2. Identify the status of the covered federal action.
3. Identify the appropriate classification of this report. If this is a follow-up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last, previously submitted report by this reporting entity for this covered federal action.
4. Enter the full name, address, city, state and zip code of the reporting entity. Include Congressional District if known. Check the appropriate classification of the reporting entity that designates if it is or expects to be a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the first tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in Item 4. checks "Subawardee" then enter the full name, address, city, State and zip code of the prime federal recipient. Include Congressional District, if known.
6. Enter the name of the federal agency making the award or loan commitment. Include at least one organization level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the federal program name or description for the covered federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans and loan commitments.
8. Enter the most appropriate federal identifying number available for the federal action identification in item 1 (e.g., Request for Proposal (RFP) number, Invitation for Bid (IFB) number, grant announcement number, the contract grant. or loan award number, the application/proposal control number assigned by the federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered federal action where there has been an award or loan commitment by the Federal agency, enter the federal amount of the award/loan commitments for the prime entity identified in item 4 or 5.
10. Enter the full name, address, city, state and zip code of the lobbying entity engaged by the reporting entity identified in Item 4. to influenced the covered federal action.
11. Enter the full names of the individual(s) performing services and include full address if different from 10 (a). Enter Last Name, First Name and Middle Initial (MI).
12. Enter the amount of compensation paid or reasonably expected to be paid by the reporting entity (Item 4) to the lobbying entity (Item 10). Indicate whether the payment has been made (actual) or will be made (planned). Check all boxes that apply. If this is a material change report, enter the cumulative amount of payment made or planned to be made.
13. Check the appropriate box(es). Check all boxes that apply. If payment is made through an in-kind contribution, specify the nature and value of the in-kind payment.
14. Check the appropriate box(es). Check all boxes that apply. If other, specify nature.
15. Provide a specific and detailed description of the services that the lobbyist has performed or will be expected to perform and the date(s) of any services rendered. Include all preparatory and related activity not just time spent in actual contact with federal officials. Identify the federal officer(s) or employee(s) contacted or the officer(s) employee(s) or Member(s) of Congress that were contacted.
16. Check whether or not a continuation sheet(s) is attached.
17. The certifying official shall sign and date the form, print his/her name title and telephone number.

Public reporting burden for this collection of information is estimated to average 30-minutes per response, including time for reviewing instruction, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, D.C. 20503.