FIRST AMENDMENT TO THE AGREEMENT FOR CONSULTANT SERVICES BY AND BETWEEN COUNTY OF HUMBOLDT AND

GHIRARDELLI ASSOCIATES, INC., FOR CONSTRUCTION MANAGEMENT SERVICES WILLIAMS CREEK BRIDGE REPLACEMENT ON GRIZZLY BLUFF ROAD

WHEREAS, on May 15, 2018, COUNTY and CONSULTANT entered into an Agreement for Consultant Services regarding the provision of construction management services for Williams Creek Bridge on Grizzly Bluff Road ("Consultant Services Agreement"); and

WHEREAS, COUNTY and CONSULTANT now desire to amend the Consultant Services Agreement, to extend the term thereof and increase the maximum amount payable thereunder.

NOW THEREFORE, the parties mutually agree as follows:

 Article IV – Performance Period of the Consultant Services Agreement is hereby amended to read as follows:

ARTICLE IV - PERFORMANCE PERIOD

- A. This contract shall go into effect on May 15, 2018, contingent upon approval by COUNTY, and CONSULTANT shall commence work after receiving notification to proceed from COUNTY's Contract Administrator. This contract shall end on December 31, 2019, unless extended by a written amendment hereto.
- B. CONSULTANT is advised that any recommendation for contract award is not binding on COUNTY until the contract is fully executed and approved by COUNTY.
- 2. Article V Allowable Costs and Payments of the Consultant Services Agreement is hereby amended to read as follows:

ARTICLE V – ALLOWABLE COSTS AND PAYMENTS

A. The method of payment for this contract will be based on actual cost plus a fixed fee. COUNTY will reimburse CONSULTANT for actual costs (including labor costs, employee benefits, travel, equipment rental costs, overhead and other direct costs) incurred by CONSULTANT in performance of the work. CONSULTANT will not be reimbursed for actual costs that exceed the estimated wage rates, employee benefits, travel, equipment rental, overhead, and other estimated costs set forth in the approved CONSULTANT'S Cost Proposal, unless additional reimbursement is provided for by contract amendment. In no event, will CONSULTANT be reimbursed for overhead costs at a rate that exceeds COUNTY's approved overhead rate set forth in the Cost Proposal. In the event, that COUNTY determines that a

change to the work from that specified in the Cost Proposal and contract is required, the contract time or actual costs reimbursable by COUNTY shall be adjusted by contract amendment to accommodate the changed work. The maximum total cost as specified in Paragraph "H" shall not be exceeded, unless authorized by contract amendment.

- B. In addition to the allowable incurred costs, COUNTY will pay CONSULTANT a fixed fee of Thirty-Two Thousand One Hundred Fifty-Four Dollars and Forty-Four Cents (\$32,154.44). The fixed fee is nonadjustable for the term of the contract, except in the event of a significant change in the scope of work and such adjustment is made by contract amendment.
- C. Reimbursement for transportation and subsistence costs shall not exceed the rates specified in the approved Cost Proposal.
- 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 the Contract Administrator before exceeding such cost estimate.
- E. Progress payments will be made monthly in arrears based on services provided and allowable incurred costs. A pro rata portion of CONSULTANT's fixed fee will be included in the monthly progress payments. If CONSULTANT fails to submit the required deliverable items according to the schedule set forth in the Statement of Work, COUNTY shall have the right to delay payment or terminate this Contract in accordance with the provisions of Article VI Termination.
- F. No payment will be made prior to approval of any work, nor for any work performed prior to approval of this contract.
- G. CONSULTANT will be reimbursed, as promptly as fiscal procedures will permit upon receipt by COUNTY's Contract Administrator of itemized invoices in triplicate. 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 and each project as applicable. Invoices shall follow the format stipulated for the approved Cost Proposal and shall reference this contract number and project title. 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 contract. The final invoice should be submitted within sixty (60) calendar days after completion of CONSULTANT's work. Invoices shall be mailed to COUNTY's Contract Administrator at the following address:

Humboldt County Department of Public Works Attention: Tony Seghetti, Contract Administrator 1106 Second Street Eureka, California 95501

H. The total amount payable by COUNTY including the fixed fee shall not exceed Three Hundred Ninety-Two Thousand One Hundred Forty-Three Dollars and Thirty Cents (\$392,143.30).

- I. Salary increases will be reimbursable if the new salary is within the salary range identified in the approved Cost Proposal and is approved by COUNTY's Contract Administrator. 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.
- 3. The Consultant Services Agreement is hereby amended to delete Attachment B Cost Proposal & Work Schedule ("Attachment B"), and replace it in its entirety with the modified version of Attachment B that is attached hereto and incorporated herein by reference. The modified version of Attachment B attached hereto shall supersede any and all prior versions thereof, as of the effective date of this First Amendment.

IN WITNESS WHEREOF, the parties hereto have entered into this First Amendment as of the first date written above.

TWO SIGNATURES ARE REQUIRED FOR CORPORATIONS:

- (1) CHAIRPERSON OF THE BOARD, PRESIDENT, OR VICE PRESIDENT; AND
- (2) SECRETARY, CHIEF FINANCIAL OFFICER OR ASSISTANT TREASURER.

GHIRARDELLI ASSOCIATES, INC.:

By: Rm	Date: 11/20/18
Name: PANDAU BRUNER	
Title: PRASIDENT / CRO	
By: Joy n hel. for	Date:
Name: Ruenga Books	
Title: Executive Vice Pesident	
COUNTY OF HUMBOLDT:	
By: Ryan Sundberg Chair, Humboldt County Board of Supervisors	Date: 12/11/18
INSURANCE REQUIREMENTS APPROVED:	
By: Kleins	Date: 12/4/18
Risk Management	

ATTACHMENTS

Attachment B - Cost Proposal & Work Schedule

Attachment B - Cost Proposal & Work Schedule



EXHIBIT 10-H1 COST PROPOSAL Page 1 of 3

<u>ACTUAL COST-PLUS-FIXED</u>	FEE OR LUMP SUM	(FIRM FIXED P	'RICE) CONTRACTS

Note: Mark-ups are Not All	(Design, Engineering	AND ENVIRO	NMENTA	l STUDIES)	2 nd	Tier Subconsultant		
Consultant Ghirardelli A	Associates, Inc							
-	04 (127) Contract 1	Vo. 594209		Date	11/14/	18		
DIRECT LABOR								
Classification/Title	Name	I	Hours	Actual Hourly	Rate	Total		
(Project Manager)*	Charles Dory, PE, QSD	_680	1	\$ 93.34		\$_63,471.20		
(Sr. Civil Engineer)				\$		\$		
(Office Engineer) *	Gina Prchlik, PE, QSD	216	,	\$ 68.08	1	\$ 14,705.28		
(Inspector)**	Ernest "Gene" Leo	105	2	\$ 68.91	_	\$ 72,493.32		
LABOR COSTS a) Subtotal Direct Labo b) Anticipated Salary I	ncreases (see page 2 for calculation		ידיו אם ר	\$\frac{150,669.80}{0}\$ OR COSTS [(a) +		_æ 150,669.80		
INDIRECT COSTS d) Fringe Benefits (Rat f) Overhead & G&A (I h) General and Admini	e: $\frac{49.42}{\%}$ e) Total Fringer Rate: $\frac{63.99}{\%}$ g strative (Rate: $\frac{0}{\%}$ i) Ge	nge Benefits [g) Overhead [n & Admin [((c) x (d)] (c) x (f)] (c) x (h)]	\$\frac{74,461.02}{96,413.61}\$\$\frac{0.00}{0.00}\$				
FIXED FEE		IXED FEE [(c) + (j)]	OSTS [(e) + (g) · x fixed fee 10.0	_%]	\$ <u>32,154.44</u>		
	iption of Item	Quantity	Unit	Unit Cost	neces	Total		
Travel and Per Diem Ex		42	Days	\$120	\$5,04	10		
Reprographics		10	EA	\$96	\$960			
Permit Fees		2	EA	\$500 \$	\$1,00	10		
Plan Sheets Test				\$	\$			
1030	1) TOTAL O	THER D	RECT COSTS		00		
	rs' COSTS (Add additional page Valley Consulting Engineers			ANTS' COSTS	\$ \$ \$ \$ 31,			
n) TOTAL OTH	ER DIRECT COSTS INCLUD			ANTS $[(1)+(m)]$ (j)+(k)+(n)]\$		444.44 2,143.30		
NOTES:		TOTALOU	3 * [(b) *	(1), (12), (11)]				

- Key personnel must be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
 The cost proposal format shall not be amended. Indirect cost rates shall be updated on an annual basis in accordance with the consultant's annual accounting period and established by a cognizant agency or accepted by Caltrans.
 Anticipated salary increases calculation (page 2) must accompany.

EXHIBIT 10-H1 COST PROPOSAL Page 2 of 3

ACTUAL COST-PLUS-FIXED FEE OR LUMP SUM (FIRM FIXED PRICE) CONTRACTS

(CALCULATIONS FOR ANTICIPATED SALARY INCREASES)

1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor	Total Hours per		Avg	5 Year
Subtotal per Cost	Cost Proposal		Hourly	Contract
Proposal	•		Rate	Duration
\$150.669.80	1948	=	\$77.35	Year 1 Avg
• •				Hourly Rate

2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$77.35	+	4%	=	\$80.44	Year 2 Avg Hourly Rate
Year 2	\$80.44	+	4%	=	\$83.66	Year 3 Avg Hourly Rate
Year 3	\$83.66	+	4%	=	\$87.00	Year 4 Avg Hourly Rate
Year 4	\$87.00	+	4%	-	\$90.48	Year 5 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each year by total hours)

	Estimated % Completed Each Year	Tot	al Hours per Cost Proposal		Total Hours per Year	
Year 1	100.0%	*	1948	=	1948	Estimated Hours Year 1
Year 2	0.0%	*	0	=	0	Estimated Hours Year 2
Year 3	0.0%	*	0	E-	0	Estimated Hours Year 3
Year 4	0.0%	*	" 0	=	0	Estimated Hours Year 4
Year 5	0.0%	*	0	=	0	Estimated Hours Year 5
Total	100%		Total	=	1948	

4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)

	Avg Hourly Rate		Estimated hours		Cost per	
	(calculated above)	(calculated above)		Year	
Year 1	\$77.35	*	3260	=	\$150,669.80	Estimated Hours Year 1
Year 2	\$80.44	*	0	=	\$ 0	Estimated Hours Year 2
Year 3	\$83.66	*	0	=	\$ 0	Estimated Hours Year 3
Year 4	\$87.00	*	0	=	\$ 0	Estimated Hours Year 4
Year 5	\$90.48	*	0.	=	\$0	Estimated Hours Year 5
	Total Direct Labor C	ost with	Escalation	=	\$150,669.80	
	Direct Labor Subtota	l before	Escalation	=	\$150,669.80	
	Estimated total of I	Direct La	bor Salary	=	•	Transfer to Page 1
			Increase		\$0	·

NOTES:

- 1. This is not the only way to estimate salary increases. Other methods will be accepted if they clearly indicate the % increase, the # of years of the contract, and a breakdown of the labor to be performed each year.
- 2. An estimation that is based on direct labor multiplied by salary increase % multiplied by the # of years is not acceptable. (i.e. \$250,000 x 2% x 5 yrs = \$25,000 is not an acceptable methodology)

 3. This assumes that one year will be worked at the rate on the cost proposal before salary increases are granted.
- 4. Calculations for anticipated salary escalation must be provided.

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EXHIBIT 10-H1 COST PROPOSAL Page 3 of 3

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

- 1. Generally Accepted Accounting Principles (GAAP)
- 2. Terms and conditions of the contract

Prime Consultant or Subconsultant Certifying:

- 3. Title 23 United States Code Section 112 Letting of Contracts
- 4. 48 Code of Federal Regulations Part 31 Contract Cost Principles and Procedures
- 5. 23 Code of Federal Regulations Part 172 Procurement, Management, and Administration of Engineering and Design Related Service
- 6. 48 Code of Federal Regulations Part 9904 Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

tle *: Corporate Controller ate of Certification (mm/dd/yyyy): 11/14/2018 408.435.5503 x2
none Number: 408.435.5503 x2
· · · ·
consultant's or subconsultant's organization at a level Officer, or equivalent, who has authority to represent it proposal for the contract.
•

EXHIBIT 10-H4	COST PROPOSAL	FOR CONTRACTS WITH	PREVAILING WAGES

	EXHIBIT 10-H4 COST PROPOSAL FOR CONTE										CTS WITH PREVAILING WAGES SPECIFIC RATES OF COMPENSATION AND COST PER UNIT OF WORK CONTRACTS:																					
CONSULTANT: Ghirardelli Assoc	iatra, Inc.					PRIME	×	SUB	-	2ND TIER S	BUB	-				CONTRACT	T TYPE: ACT	UAL COST	PLUS FIXED	FEE				SIST ONE O	THE ADOVE I	ISTED GOWTH	HOT TIPES!					
PROJECT NO. BRLS-5904(127)			CONTRACT	NO. 594205	E					DATE: Man	ch 9, 2016																					
Loaded Rate Calculation																			7			Home Office	e Personne		Fringe Bene 49.42%	et s	Overhead % 63.99%		General Admir 0.001			Combined 1
Non Exempt Employee Loaded B A) Straight Time - Actual Hously R B) LSX to 2.0X Overtime - Actual Exempt Employee Loaded Billing Co Straight Time on LSX or 2.0X O The PW differentials Delta base an	tate * (1 + Field O.F Hourly Hales * (1 - Rates retiroe - Actual Ho	Field O.H.) * sully Rate * 11	# Freid O.H.	K or 1.0X (Ac	fuel Hourly F Delta Base	Sate) + Delta, * (Applicable	Blese * (Appli Multiplier, Dr	cable Multipl olia Basej + D	er Deta Bas leta Frings "	zi i Delta Fra (Applicable V	fultiplier Deta	sale Multiplic a Errogel	r Delta Frinse					70.7]			OVERTIME Field Office NORMAL OVERTIME	Personnel		49.42% Fringe Bers 49.42% 48.42%	PR 7.	53,99% Overhead % 63,99% 63,99%	:	6.90% General Admir 6.00% 8.00%	vistration %	esa (Fiekli	113,415 Combined 1 113,415 113,415 10,00%
	Harne Office Personnel		Pres	siting Wage	Hate establ	lehed by Sta ling wage w	ter DER			The second	Emp	Noyse Actua efits vary ye			100		Applicable ELTA (TOTA	Line		Applicable DELTA Base		DELTA	ble DELTA	TA BASE	Loaded	Hourty Bill	ing Rates		w Date of V Hate	& Multiplier F	Actual Houri Rate and/or	
Name Classification	Field Office Forsevel	E-1	Dair Seley	علايال	Freque	Trially	is Galaxy of to	ge baneles		Date Saley	A Comment	Estriale		ulad - Dass - Fr	191	throto	yee Tuta! - D	DIR Total DIR Rate - Employee Base Pate			Employee Dase Rate (Employee - OPI)		11000	A. Terre.	Increase	Average Hourty Hate	for Class					
		Monget	1001	2201	Benefit :	Strap!	1507	2201	stage	1501	-2801 -	DEPRINGS.	11ragit	1501	2.8.01	Strages	1501	2001	Straight	1201	2001	Sheight	1501	10.05	Shaghi	(31 (1,5x)	(01 (5x)	From	To		-	
Charles Dory, PE, QSD Resident Engineer Structure Rep	FIELD	N/A	NA	N/A	N/A	N/A	NA.	NA	NA .	N/A	N/A	N/A	N/A	NA	NA	NA	N/A	NA	N/A	NA	NA	NA	NA	NEA	\$219.12 \$227.87 \$236,90	\$219.12 \$227.87 \$236.98	\$219.12 \$227.87 \$236.38	1/1/2018 1/1/2018 1/1/2020	12/31/2018 12/31/2019 12/31/2020	4.00% 4.00%	5 93.3 5 97.0 5 100.9	17
Non-Prevailing Wage Work Exempt	734									2												197		-	\$246,47	\$246,47	\$249,47	1/1/2021	12/31/2021	4,00%	\$ 104.9	19
Ernest "Gene" Lea	FIELD	\$40.02	364.53	\$85.04	830.57	\$73.59	\$95.10	\$116.61	\$60.00	\$90.00	\$120.00	\$4.68	\$64.68	\$94.68	\$124,68	(\$8.91)	(80,42)	\$0.00	50.00	\$0.00	50.00	(\$0.91)	(\$0,42)	\$0.00	\$159.87	8171.75	\$200.85	1/1/2018	12/31/2018		\$ 60.0	N/A
Construction Inspector	Group 2	\$43.02 \$43.02	\$64,53 \$64,53	\$86.04 \$86.04	\$30.57 \$30.57	\$73.59 \$73.59	\$95,10	\$116.61 \$116.61	\$52.40 \$54.90	\$93,68 \$97,35	\$124.80 \$129.80	\$4,68 \$4,68	\$67.08 \$69.58	\$102.03	5129.48 5134.48	(\$6.51) (\$4.01)	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	(\$6.51) (\$4,01)	\$0.00 \$0.90	\$0.00	\$160.95	\$177.68 \$184.80	\$205.88	1/1/2019	12/31/2019	4.00%	5 52.4 5 84.9	10
Prevailing Wage		\$43,02	564.53	\$86.04	\$30.57	\$73,59	\$95.10	\$116.51	\$57,50	\$101,25	\$135.00	\$4.66	\$72.18	\$105.93	\$1,39,68	(\$1,41)	\$0.00	\$0.00	\$0.00	\$0.00	50.00	(\$1,41)	50.00	\$0.00	\$161,47	\$192.21	\$225.96	1/1/2021	12/31/2021	4.00%	\$ 57.5	50
Non-Exempt	DAY		-			-		-		-	-						-	-		-	-			-	-		1	-	-	_	-	90 1876
Ernest "Gene" Leo Curatruction Inspector	Cirono S FIELD	\$48,40 \$48,40 \$40,40	\$72,60 \$72,60 \$72,60	\$96.80	\$30.57 \$30.57 \$30.57	\$78.97 \$78.97 \$78.97	\$103,17	\$127.37 \$127.37 \$127.37	\$50,00 \$52,40 \$54,90	\$90.00 \$93.50 \$97.35	\$120.00 \$124.80 \$129.80	\$4.68 \$4.68	\$64.68 \$67.08 \$69.50	\$94.68 \$98.29 \$102.03	\$124.68 \$129.48 \$134.40	(\$14,25) (\$11,89) (\$9,39)	(\$4,80) (\$4,80)	\$0.00	\$0.00 \$0.00 \$0.00	\$0.00	\$0.90 \$0.90 \$0.90	(\$14,29) (\$11,89) (\$9,39)	(\$4.89)	\$0.00	\$171,35 \$171,86 \$172,39	\$188.97 \$188.12 \$187.24	\$206.59 \$206.68 \$217.25	1/1/2018	12/21/2018 12/31/2019 12/31/2020	4.00% 4.00%	5 60.0 5 62.4 5 94.9	10
Prevailing Wage		\$46.40	872.60	\$96.80	\$30.57	\$78.97	\$100.17	\$127.37	\$67.50	\$101.25	\$135.00	\$4.60	\$72.18	\$105.93	\$139.56	(\$6.79)	\$0.00	\$0.00	50.00	\$0.00	\$0.00	(96.79)	\$0.00	\$0.00	\$172.95	\$192.21	\$225.96	1/1/2021	12/31/2021	4.00%	5 67.5	
Non-Exempt	MORE		_	_	_	_	_	_	\$50,00	\$90.00	\$120.00	_	_	_	_		_	_	0.00	0.00	0.00	0.00	0.00	0.00	\$140,85	\$1/0.85	\$200.85	1/1/2016	12/31/2016	+	\$ 60.0	00 N/A
Ernest "Gene" Lea Construction Enspector	FIELD								\$52,40 \$54,90	\$99.00	\$129.90 \$129.90								0.00	0.00	0.00	0.80	0.00	0.00 0.00	\$140,46 \$152,35	\$177.68 \$184.80	\$200.86 \$217.25	1/1/2018	12/31/2019	4,00%	5 62.4 5 64.9	10
Nun-Prevailing Wage									\$67.50	\$101.25	6135.00								0.00	0.00	0.00	0.00	0.00	0.00	\$158.46	\$192.21	\$225.96	1/7/2021	12/31-2/321	4,00%	5 87.5	80
Non-Exempl Gina Pathilik, PE, QSD Office Engineer Non-Prevailing Wage	OFFICE								\$68.06 \$76.80 \$73.83 \$76.58	\$102.12 \$106.20 \$110.45 \$114.67	\$136.16 \$141.80 \$147.26 \$153.16								0.00 0.00 0.00 0.00	0.00 0.00 0.00	0.06 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00	\$159.82 \$166.20 \$172.85 \$178.77	\$190.80 \$201.60 \$209.66 \$218.96	\$227.00 \$257.00 \$246.46 \$256.35	1/1/2018 1/1/2019 1/1/2020 1/1/2021	12:31:2018 12:31:2019 12:31:2020 12:31:2021	4,00% 4,00% 4,00%	\$ 60.0 \$ 70.8 \$ 73.5 \$ 76.5	13

Non-Exemptix Characteristics that are subject to providing wage reasonments with a statistical type and the subject to providing wage reasonments with a statistical type and the subject to providing wage reasonments with a statistical type and the subject to providing wage reasonments with a statistical type and the subject to providing wage reasonments with a statistical type in the sta

EXHIBIT 10-H1 COST PROPOSAL

Actual Cost Plus Fixed Fee Contract

			Prime Consulta	nt 🗆 Subconsultant 🗆	2nd Tier Subconsulta	
Consultant: Trinity Valley Consul	ting Engineers					
Project No.: BRLS-5904(127)		Co	ntract No.: 594	209	Date:	11/01/2018
DIRECT LABOR			-		100	
Classification/Title	Nam	ne	Hours	Actual Hourly Rate	Total	
*Prinicipal Engineer	Joshua McKnigh	nt	32	\$67.84	\$2,170.88	
**Licensed Land Surveyor	Tony O'Rourke		186	\$52.22	\$9,712.92	
**Project Engineer	Eric Keyes		36	\$36.91	\$1,328.76	
*Administration	Arlene Smith		15	\$26.65	\$399.75	
LABOR COSTS						
a) Subtotal Direct Labor Costs				Г	\$13,612.31	
b) Anticipated Salary Increases (se	e page 2 for calc	ulation)				
and the costs (see	- Page a lot cale			c) TOTAL DIRECT LABOR C		\$13,612.31
INDIRECT COSTS				7 12 111-2111-21		713/012101
d) Fringe Benefits	(Rate %)	0.00%	e) Total	Finge Benefits [(c) x (d)]	\$0.00	
f) Overhead & G&A	(Rate %)	110.00%	\$14,973.54			
h) General and Administrative	(Rate %)	0.00%		g) Overhead [(c) x (f)] i) Gen & Admin [(c)x(h)]	\$0.00	
		<u> </u>		j) TOTAL INDIRECT COST		\$14,973.54
FIXED FEE	(Rate %)	10.00%		k) TOTAL FIXED FEE [(c) +	The state of the s	\$2,858.59
						W. Bern
L) CONSULTANT'S OTHER DIRECT	COSTS (ODC) - IT	EMIZE (Add add	itional pages if	necessary)		
Description of Item	Quan	tity	Unit	Unit Cost	Total	
	Miles		_	60.54	\$0.00	
Mileage Costs	IVIII	es	0	\$0.54	\$0.00	
Mileage Costs Travel Expenses - Per Diem	Da		0	\$150.00	\$0.00	
	110000	у				
Travel Expenses - Per Diem	Da	y :h	0	\$150.00	\$0.00	
Travel Expenses - Per Diem Printing & Reproduction FedEx/UPS	Da Eac Eac	y h h	0	\$150.00 \$1.00	\$0.00 \$0.00 \$0.00	\$0.00
Travel Expenses - Per Diem Printing & Reproduction FedEx/UPS	Da Eac Eac	y h h	0	\$150.00 \$1.00 \$20.00	\$0.00 \$0.00 \$0.00	\$0.00
Travel Expenses - Per Diem Printing & Reproduction FedEx/UPS m) SUBCONSULTANT'S COSTS (Ad Subconsultant 1:	Da Eac Eac	y h h	0	\$150.00 \$1.00 \$20.00	\$0.00 \$0.00 \$0.00	\$0.00
Travel Expenses - Per Diem Printing & Reproduction FedEx/UPS m) SUBCONSULTANT'S COSTS (Ad Subconsultant 1: Subconsultant 2:	Da Eac Eac	y h h	0	\$150.00 \$1.00 \$20.00	\$0.00 \$0.00 \$0.00	
Travel Expenses - Per Diem Printing & Reproduction FedEx/UPS m) SUBCONSULTANT'S COSTS (Ad Subconsultant 1: Subconsultant 2: Subconsultant 3:	Da Eac Eac	y h h	0	\$150.00 \$1.00 \$20.00	\$0.00 \$0.00 \$0.00 \$0.00	
Travel Expenses - Per Diem Printing & Reproduction FedEx/UPS m) SUBCONSULTANT'S COSTS (Ad Subconsultant 1: Subconsultant 2: Subconsultant 3:	Da Eac Eac	y h h	0	\$150.00 \$1.00 \$20.00 L) TOTAL OTHER	\$0.00 \$0.00 \$0.00	
Travel Expenses - Per Diem Printing & Reproduction	Da Eac Eac	y h h	0	\$150.00 \$1.00 \$20.00	\$0.00 \$0.00 \$0.00	-
Travel Expenses - Per Diem Printing & Reproduction FedEx/UPS m) SUBCONSULTANT'S COSTS (Ad Subconsultant 1: Subconsultant 2: Subconsultant 3:	Da Eac Eac	y ch ch es if necessary)	0 0 0	\$150.00 \$1.00 \$20.00 L) TOTAL OTHER	\$0.00 \$0.00 \$0.00 \$0.00 \$ DIRECT COSTS \$ \$ \$ \$	
Travel Expenses - Per Diem Printing & Reproduction FedEx/UPS m) SUBCONSULTANT'S COSTS (Ad Subconsultant 1: Subconsultant 2: Subconsultant 3:	Da Eac Eac	y ch ch es if necessary)	0 0 0	\$150.00 \$1.00 \$20.00 L) TOTAL OTHER	\$0.00 \$0.00 \$0.00 \$0.00 \$ DIRECT COSTS \$ \$ \$ \$ \$ \$ \$ \$ ANTS [(I) + (m)]	

NOTES:

- 1. Key personnel must be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
- 2.The cost proposal format shall not be amended. Indirect cost rates shall be updated on an annual basis in accordance with the consultant's annual accounting period and established by a cognizant agency or accepted by Caltrans.
- 3. Anticipated salary increases calculation (page 2) must accompany.

EXHIBIT 10-H1 COST PROPOSAL Page 2 of 3

ACTUAL COST-PLUS-FIXED FEE OR LUMP SUM (FIRM FIXED PRICE) CONTRACTS

(CALCULATIONS FOR ANTICIPATED SALARY INCREASES)

1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor	Total Hours per		Avg	5 Year
Subtotal per Cost	Cost Proposal		Hourly	Contract
Proposal			Rate	Duration
\$250,000.00	5000	=	\$50.00	Year I Avg
				Hourly Rate

2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$50.00	+	2%	=	\$51.00	Year 2 Avg Hourly Rate
Year 2	\$51.00	+	2%	=	\$52.02	Year 3 Avg Hourly Rate
Year 3	\$52.02	+	2%	==	\$53.06	Year 4 Avg Hourly Rate
Year 4	\$53.06	+	2%	=	\$54.12	Year 5 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each year by total hours)

	Estimated % Completed Each Year		Total Hours per Cost Proposal		Total Hours per Year	
Year 1	20.0%	*	5000	==	1000	Estimated Hours Year 1
Year 2	40.0%	*	5000	=	2000	Estimated Hours Year 2
Year 3	15.0%	*	5000	=	750	Estimated Hours Year 3
Year 4	15.0%	•	5000	=	750	Estimated Hours Year 4
Year 5	10.0%	•	· 5000	=	500	Estimated Hours Year 5
Total	100%		Total	==	5000	

4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)		Cost per Year	
Year 1	\$50.00	Ħ	1000	=	\$50,000.00	Estimated Hours Year 1
Year 2	\$51.00	*	2000	=	\$102,000,00	Estimated Hours Year 2
Year 3	\$52.02	*	750	=	\$39,015.00	Estimated Hours Year 3
Year 4	\$53.06	*	750	=	\$39,795.30	Estimated Hours Year 4
Year 5	\$54.12	*	500	=	\$27,060.80	Estimated Hours Year 5
	Total Direct Labor C	ost w	ith Escalation	=	\$257,871.10	
	Direct Labor Subtota	il befo	ore Escalation	=	\$250,000.00	
	Estimated total of I	Direct	Labor Salary	=	•	Transfer to Page 1
			Increase		\$7,871.10	•

NOTES:

- 1. This is not the only way to estimate salary increases. Other methods will be accepted if they clearly indicate the % increase, the # of years of the contract, and a breakdown of the labor to be performed each year.
- 2. An estimation that is based on direct labor multiplied by salary increase % multiplied by the # of years is not acceptable. (i.e. \$250,000 x 2% x 5 yrs = \$25,000 is not an acceptable methodology)
- 3. This assumes that one year will be worked at the rate on the cost proposal before salary increases are granted.
- 4. Calculations for anticipated salary escalation must be provided.

Initial GAI

EXHIBIT 10-H1 COST PROPOSAL Page 3 of 3

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

- 1. Generally Accepted Accounting Principles (GAAP)
- 2. Terms and conditions of the contract

Prime Consultant or Subconsultant Certifying:

- 3. Title 23 United States Code Section 112 Letting of Contracts
- 4. 48 Code of Federal Regulations Part 31 Contract Cost Principles and Procedures
- 23 Code of Federal Regulations Part 172 Procurement, Management, and Administration of Engineering and Design Related Service
- 6. 48 Code of Federal Regulations Part 9904 Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Date of Certification (mm/dd/yyyy): 11/12/2018
Phone Number:530.629.3000
CA 95573
of the consultant's or subconsultant's organization at a level ancial Officer, or equivalent, who has authority to represent the cost proposal for the contract.
1

Initial

Client

GAI

EXHIBIT 10-H4 COST PROPOSAL FOR CONTRACTS WITH PREVAILING WAGES

LIST ONE OF THE ABOVE LISTED CUNTRACT THREE CONTRACT TYPE: Actual Cost Plus Fixed Fee CONSULTANT: Trinity Valley Consulting Engineers 2ND TIER SUB

PROJECT NO. : BALS - 5904(127) CONTRACT NO.: 594209 DATE: 4/13/2018 Loaded Bate Calculation | Constitution and Execution a

G) Straight Time or 1,5X or The PW differentials Delta B			in the for	nutus abo	ive for La	aded Billing	Rates an	e applicable			ing servic	DES COVETES	tunder D			F.1(650)			,	******								Appli	able Multiple Applicable M	r Delta Bas oftpler Frin	e (Field) - ge (Field) -	10.00% 2.31 2.31
Personnel Personnel	Home Office Personnel Field Office	100	Prevailing Wage Rate established by State DIR (only applicable for prevailing wage work) box Salay Frage Tand (see Salay + Frage Souths)						The same	Employee Actual Rate (fringe benefits vary year over year)						Applicable DELTA (TOTAL) = Employee Total - DIR Total			DELTA Base = DIR Rate - Employee Base			DELTA T	Applicable DELTA FRINGE = DELTA TOTAL - DELTA BASE (Employee - DIR)			aded Hourly Billing Rates		Effective Date of		% Excalation	Hourly Rate and/or	Hourly Hange Gless
	Personnul		15 GT		Briefts	Struget	15.0T	2/0.0/1	Stringht	15 01		Estimate Fringe	Shught	t500	20.07			2001		Rate 15 GT	ZHOT	Struget		20 OT	Strught	OT (1.5)	OT (2x)	From	To	Increase	Average Hourly Rate	UNIO
Joshua McKnight, PE Principal Engineer Non-Prevaling Wage Work	OFFICE	NA	NA	N/A	N/A	N/A	NA	NA	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NIA	N/A	N/A	NA	NA	NA	N/A	NA	\$156.71 \$156.71	\$190.63		1/1:2018 1/1:2018	12/31/2018 12/31/2018	0.00%	\$ 67.84 \$ 67.84	NA
non-Exempl)		+	-			_	-	-		-			-				-	-	-		-			-		-	-					
Tony O'Rourke, PLS Survey Crew Chief Prevailing Wage Work (Exempt)	FIELD	\$40.15 \$40.15	\$60,23 \$60,23	\$80.30	\$29.06 \$29.06	\$69.21 \$69.21	\$89,29 \$89,29	\$109.36	\$52.22 \$52.22	\$78.33 \$78.33	\$104,44 \$104,44	\$20.00	\$79.22 \$79.22	\$98.33 \$98.33	\$124,44 \$124,44	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$120.63	\$146,74 \$148,74	\$172.85 \$172.85	1/1-2018 1/1-2018	12/31/2018 12/31/2018	0.00~	\$ 52.22 \$ 52.22	NA
Eric Keyes Project Engineer Non-Prevaling Wage Work Exempt)	FIELD	NA	NA	NA	NA	N/A	NA	NA	NA	NA	N/A	N/A	N/A	N/A	N/A	NA	NA	N/A	N/A	NA	NA	NA	NA	NA	\$85,26 \$85,26	\$103,72 \$103,72	\$85.26 \$85.26	1/1/2018 1/1/2018	12/31/2018 12/31/2018	0.00%	\$ 36.91 \$ 36.91	NA
Eric Keyes Project Engineer Provailing Wage Work (non-Exempt)	FIELD				\$29.06 \$29.06	\$63,24 \$63,24	\$80.33 \$80.33			\$55,37 \$55,37	\$73,82 \$73,82	\$29.06 \$29.06	\$65.97 \$65.97		\$102.88 \$102.88		\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0,00 \$0,00	\$0,00	\$0.00	\$85.26 \$85.26		\$122.17 \$122.17		12/31/2018 12/31/2018	0.00%	\$ 36.91 \$ 36.91	NA
Arelone Smith Admin	OFFICE	NA	NA	NA	NA	N/A	N/A	NA	N/A	N/A	N/A	N/A	N/A	NA	N/A	NA	NA	N/A	NA	NA	NA	NA	NA	NA	\$61.56 \$61.56	\$74.89 \$74.89	\$88.21 \$88.21	1/1/2018 1/1/2018	12/31/2016 12/31/2016		\$ 26.65 \$ 26.65	NA
Non-Ptevaling Wage Work	OFFICE	NA	NA	NA	N/A	N/A	NA	NA	NA	NA	NA	N/A	N/A	NA	NA	N/A	N/A	N/A	N/A	N/A	NA	NA	N/A	NA.							s	N/A
Non-Prevailing Wage Work	OFFICE	NA	N/A	NA	NA	N/A	N/A	NA	N/A	N/A	N/A	NA	N/A	N/A	NA	NA	NA	.N/A	NA	NA	NA	NA	N/A	NA							s . s . s .	NA

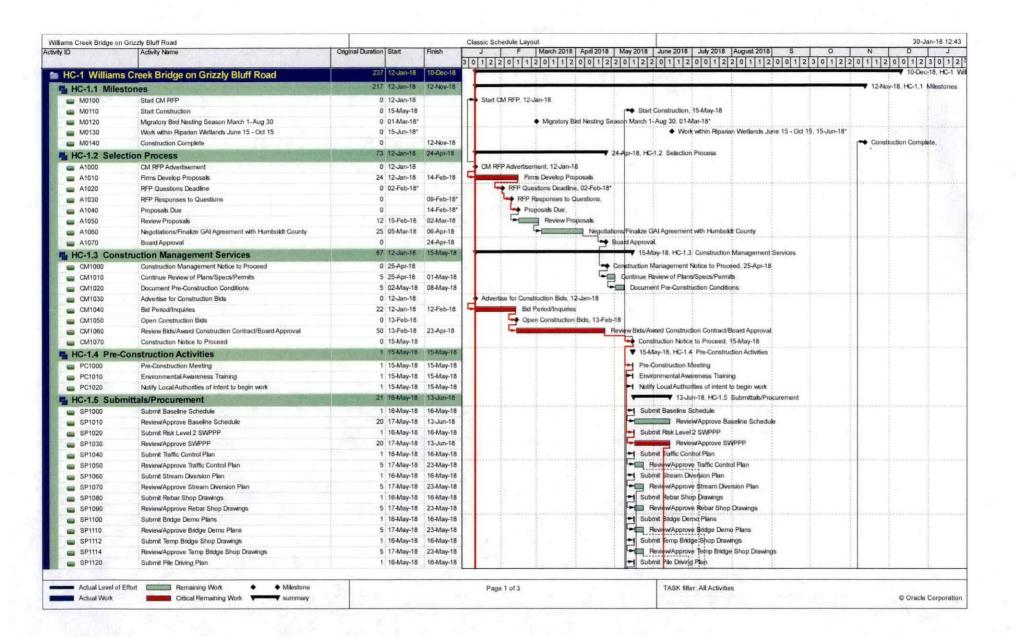
- 1. Makin employment contained that are subject to providing vergor requirements with an asteriax (1). Providing Wage specified is based on current DRI determination. Any fature DRI association of prevailing wage rate will be reflected in the bisched rates.

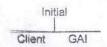
 2. "Not." denotes ble Change to write more than in boars por day not have been determined to the contract copy.

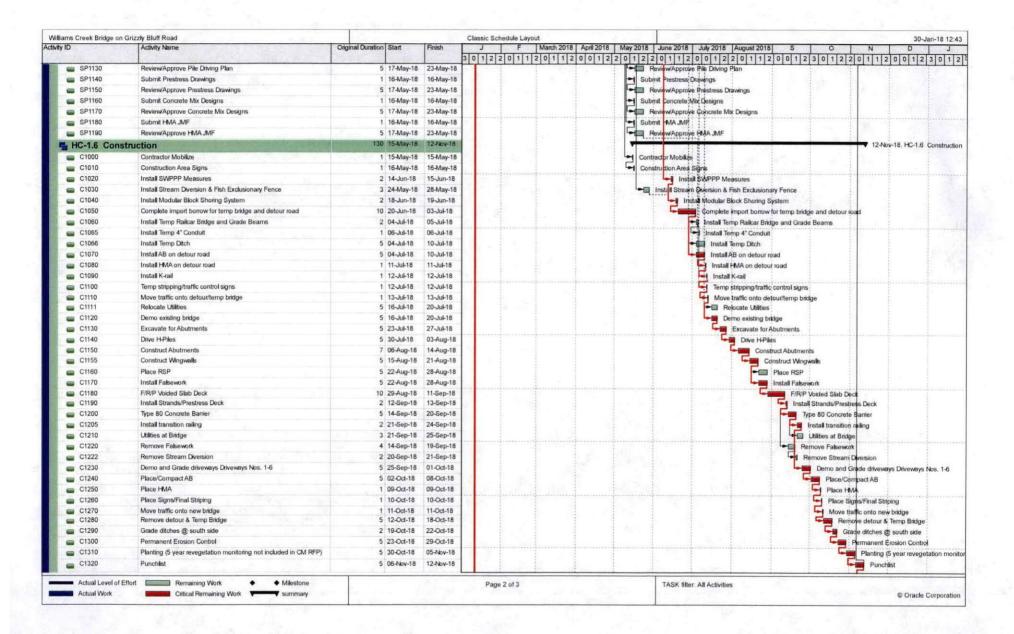
 3. "The billing rates from on this cost proposal for the billing rates be prevailed by using the actual PM through brainful copy of the contract copy.

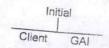
 4. The billing rates from on this cost proposal and the billing rates be are actual dense when the stream of this proposal and the billing rates be are actual dense when the stream of this proposal and the billing rates be are actual dense when the stream of this proposal and the billing rates be are actual dense when the stream of this proposal and the billing rates be are actual dense when the stream of the stre

Page 1 of 1 January 2018









# HC-1.7 Post Construction/Project Closeout 20 13-Nov-18 10-Dec-18 PC0100 Proposed Final Estimate 5 13-Nov-18 19-Nov-18 PC0110 As-built Records 5 20-Nov-18 26-Nov-18 PC0120 RE Certification 5 20-Nov-18 26-Nov-18 PC0130 Report of Completion 5 27-Nov-18 03-Dec-18 PC0140 Final Payment 5 27-Nov-18 03-Dec-18	filliams Creek Bridge on Gri			1=11	Classic Schedule Layout		30-Jan-18 12
HC-1.7 Post Construction/Project Closeout	rity ID	Activity Name	Original Duration Start	Finish			N D J
PC0100 Proposed Final Estimate 5 13-Nov-18 19-Nov-18 26-Nov-18 26-			20 407 12	400	0 1 2 2 0 1 1 2 0 1 1 2 0 0 1 2 2 0 1 2 2	0 1 1 2 0 0 1 2 2 0 1 1 2 0 0 1 2 3 0 1 2	
■ PC0120 RE Certification 5 20-Nov-18 26-Nov-18 ■ PC0130 Report of Completion 5 20-Nov-18 26-Nov-18 ■ PC0140 Final Payment 5 27-Nov-18 03-Dec-18				200 - 100 - 1			10-Dec-18, HC
PC0120 RE Certification 5 20-Nov-18 26-Nov-18 PC0130 Report of Completion 5 20-Nov-18 26-Nov-18 PC0140 Final Payment 5 27-Nov-18 03-Dec-18							Proposed Final Estimate
■ PC0130 Report of Completion 5 20-Nov-18 26-Nov-18 ■ PC0140 Final Payment 5 27-Nov-18 03-Dec-18		As-built Records		and the second second			As-built Records
■ PC0130 Report of Completion 5 20-Nov-18 26-Nov-18 ■ PC0140 Final Payment 5 27-Nov-18 03-Dec-18	■ PC0120	RE Certification					RE Certification
■ PC0140 Final Payment 5 27-Nov-18 03-Dec-18	PC0130	Report of Completion	5 20-Nov-18	26-Nov-18			Report of Completion
PC0150 RE Front Report of Expanditures 5 04-Oc-18 10-Oc-18 1	■ PC0140	Final Payment	5 27-Nov-18	03-Dec-18			Final Payment
		RE Final Report of Expenditures	5 04-Dec-18	10-Dec-18			RE Final Repo

