### FIRST AMENDMENT AGREEMENT FOR CONSULTANT SERVICES BY AND BETWEEN COUNTY OF HUMBOLDT AND GHD INC.

### FOR ON-CALL DESIGN ENGINEERING AND/OR ENVIRONMENTAL SERVICES

This First Amendment to the Agreement for Consultant Services dated December 4, 2018, by and
between the County of Humboldt, a political subdivision of the State of California, hereinafter referred to
as "COUNTY," and GHD Inc., a California corporation, hereinafter referred to as "CONSULTANT," is
entered into this day of, 2019.

WHEREAS, on December 4, 2018, COUNTY and CONSULTANT entered into an Agreement for Consultant Services regarding the provision of on-call professional design engineering and/or environmental services ("Consultant Services Agreement"); and

WHEREAS, the parties now desire to amend certain provisions of the Consultant Services Agreement in order to adjust the rates of compensation set forth therein.

NOW THEREFORE, the parties mutually agree as follows:

- 1. The Consultant Services Agreement is hereby amended to delete Attachment B Cost Proposal ("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.
- 2. The Consultant Services Agreement is hereby amended to delete Attachment D Consultant Certification of Contract Costs and Financial Management System (Exhibit 10-K) ("Attachment D"), and replace it in its entirety with the modified version of Attachment D that is attached hereto and incorporated herein by reference. The modified version of Attachment D attached hereto shall supersede any and all prior versions thereof, as of the effective date of this First Amendment.
- 3. Except as modified herein, the Consultant Services Agreement dated December 4, 2018 shall remain in full force and effect. In the event of a conflict between the provisions of this First Amendment and the original Consultant Services Agreement, the provisions of this First Amendment shall govern.

[Signatures on Following Page]

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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, ASSISTANT SECRETARY, CHIEF FINANCIAL OFFICER OR ASSISTANT TREASURER.

GHD INC.:	to Apple Date
Ву:	Date: 19 APRIL ZOIS
Name: William Silva, P.E.	
Title: Vice President	
By: J. Durted	Date: MAPR 2019
Name: J. Duncan Findlay	
Title: Secretary	
COUNTY OF HUMBOLDT:	
By:	Date:
INSURANCE REQUIREMENTS APPROVED:	
By: Risk Management	Date: 05/02/2019

### LIST OF ATTACHMENTS:

Attachment B – Cost Proposal (Cost Summary, Exhibit 10-H2 and Exhibit 10-H4) Attachment D – Consultant Certification of Contract Costs and Financial Management System (Exhibit 10-

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Attachment B – Cost Proposal (Cost Summary, Exhibit 10-H2 and Exhibit 10-H4)

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## Project Schedule: On-Call Design Engineering and Environmental Services - Storm Damage Repair Projects\* Updated: 10/30/18

2020	OCTOBER  AVENDER  DECEMBER  AVENDER  AND AVE																																		
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	Task Description	Contract Execution	Develop Task Order	Task Order Authorized	Task 1 - Project Management, Meetings and Coordination	Coordination Meetings	Task 2 – Environmental Studies	Preliminary Environmental Study (PES) including, Project Description and APE Map	ogical Survey Reports	Wetland Delineation Reports	Natural Environment Study (NES)	Initial Site Assessment (ISA)	Visual Impact Assessment/Visual Resources Tech Memo	CEQA and NEPA Documentation	Environmental Permit Applications	Task 3 - Engineering Studies & Preliminary Design	Geotechnical Study	Hydrologic/Hydraulic Studies	Topographic Survey and Right-of-Way	Preliminary Design (15% and 35%)	Task 4 - Final Design	PS&E (60%, 90%, 95%, 100%)	Task 5 - Construction Engineering	Provide pre-bid and bid period assistance	Conduct weekly construction meetings	Monitor construction schedule	Provide environmental monitoring, clearance surveys and reporting	1	Provide construction inspection/observation	Develop Contract Change Orders (CCOs)	Provide materials testing	Track quantities for progress payment	Provide office engineering and construction administration	Labor compliance interviews	Complete project of place 1

\* Specific schedules to be developed for each individual Task Order

### DPW2018-005 On-Call Professional Design Engineering and/or Environmental Services

### Summary of Cost Proposal Participation Amounts of Prime Consultant and Subconsultants

Dated: October 1, 2018

Consultant	Participation Amount
GHD Inc.	\$1,648,992.02
Biggs Cardosa	\$250,000.00
Crawford	\$200,000.00
Ghirardelli	\$300,000.00
Points West	\$100,000.00
SHN	\$400,000.00
Stantec	\$300,000.00
DZC	\$50,000.00
WRA	\$50,000.00
Morrison	\$200,000.00

Total	\$3,498,992.02

Cost Proposal

Local Assistance Procedures Manual

EXHIBIT 10-H2 COST PROPOSAL Page 1 of 2 SPECIFIC RATE OF COMPENSATION

Note: Mark-ups are Not Allowed

Date Participation Amount S 1,650,000 00 Subconsultant X Prime Consultant Contract No. Project No. DPW2018-005 Consultant GHD Inc.

General Administration % +

133.18%

33,8%

Fringe Benefit %

166.98% Combined Indirect Cost Rate (ICR) %

11 Overhead %

15% CALCULATION INFORMATION BILLING INFORMATION

Hourly range - for classifications only 670,01-875,00 565.01-570.00 560,01-565,00 5.01-585.00 1.00% 1.00% 3,00% 1.00% %001 1.00% 3.00% 3.00% 3.00% 4.00% 000% 1.00% 1.00% 1.00% 1.00% 1.06% 4.00° % or Sincrease Effective date of hourly rate | Actual or Avg. \$63.44 \$62,55 \$48.94 \$47.80 \$61,62 \$45.06 \$75.01 \$67.03 \$63.17 \$34.68 \$50,40 549.24 \$62,24 \$43.75 \$46,41 \$76.52 \$70.71 571 47 546,41 \$61.01 \$33,35 \$36.07 \$70.01 hourly rate 6/30/2020 6/30/2019 6/30/2020 6/36/2019 6/30/2020 6/30/2020 6/30/2019 6/30/2020 6/30/2019 6/30/2020 6/30/2020 6/30/2019 6/30/2020 6/30/2019 6/30/2020 6/30/2021 6/30/2019 6/30/2019 6/30/2019 6/30/2020 6/30/2019 6/30/2021 6/30/2021 6/30/2021 6/30/2021 6/30/2021 6/30/2021 6/30/2021 6/30/2021 6/30/2021 From 7/1/2019 7/1/2020 7/1/2019 7/1/2019 7/1/2019 7/1/2019 7/1/2019 7/1/2019 7/1/2019 7/1/2019 2/1/2019 71/2018 0202/1/7 7/1/2020 7/1/2018 7/1/2018 7/1/2018 7/1/2018 7/1/2018 7/1/2018 7/1/2018 7/1/2020 7/1/2020 7/1/2020 \$389.54 \$390.16 \$300.49 \$284.98 \$374.63 \$212.98 \$221.50 \$465.21 \$434,20 \$384.09 \$285.01 \$204.79 \$460,60 \$411.62 \$393.44 5387.93 \$309.50 \$293.53 \$302,34 \$378,38 \$382.16 \$268,65 5276.71 \$459.86 \$429.90 \$438.54 \$407.55 \$415.74 OT(1.5x) Hourly Billing Rates \$289,27 \$292,16 \$288.06 \$280,98 \$213.76 \$352,40 \$311.80 \$292.62 \$218.80 \$213.74 \$201.49 \$207,53 \$325.65 \$308.72 \$295.08 \$225,37 \$166,12 \$322.42 \$285.21 \$290.95 \$232.13 \$220.15 \$226,75 \$283,79 \$286,62 \$153.59 \$159.73 \$345,45 \$348.91 5328.91 \$305,66 Straight<sup>3</sup> \$190,14 \$150,24 \$146.77 \$189.19 \$194.77 \$192.04 \$154.75 \$142,49 \$151.17 \$138,35 \$102.39 \$232,60 \$234.93 \$214.95 \$217.10 \$187.32 \$134,32 \$106,49 \$230,30 5205,81 \$196.72 \$193.96 \$145.87 \$191.08 \$142.50 \$110,75 5203.77 \$197.03 5219,27 \$195.08 Senior Engineer/Scientist/Planner/Surveyor III Senior Engineer/Scientist/Planner/Surveyor IV Senior Engineer/Scientist/Planner/Surveyor II Senior Engineer/Scientist/Planner/Surveyor Name/Job Title/Classification Project Coordinator roject Coordinator Project Engineer II Project Engineer [] Structural Engineer Project Engineer I Senior Scientist I Senior Engineer ] Senior Engineer roject Manager Project Manager Senior Scientist Stephanie Gould Staff Engineer II Misha Schwarz Brian Crowell Civil Engineer leremy Svehla David Caisse Brett Vivyan osh Wolf

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	\$180.35	\$270,53	8360,70	7/1/2019	6/30/2020	\$58.74	3 00%	
	\$185.76	\$278,64	\$371,52	7/1/2020	6/30/2021	\$60.50	3 00%	
rroject Engineer/Scientist/Planner/Surveyor III	\$163.25	\$244.87	\$326.49	7/1/2018	6/30/2019	85117	BY AREA	C50 01 855 00
	\$168.14	\$252.22	\$336.29	7/1/2019	6/30/2020	\$54.77	3.0062	
	\$173.19	\$259.78	\$346,38	7/1/2020	6/30/2023	\$56.41	2,000,5	
Project Engineer/Scientist/Planner/Surveyor II	\$145,65	\$218.48	\$291,31	7/1/2018	6/30/2019	\$47.44	970075	845 01-850 00
200	\$150.02	\$225.03	\$300.05	7/1/2019	6/30/2020	\$48.86	3 000%	
	\$154.52	\$231,79	\$309.05	7/1/2020	6/30/2021	\$50.33	3.00%	
rroject Engineer/Scientist/Planner/Surveyor 1	\$132,14	\$198.22	\$264.29	7/1/2018	6/30/2016	\$43.04		540 01-545 00
	\$136,11	\$204.16	\$272.22	7/1/2019	6/30/2020	\$44,33	3 00%	
	\$140.19	\$210,29	\$280.38	7/1/2020	6/30/2021	\$45,66	%00 E	
Start Engineer/Scientist/Planner/Surveyor III	\$119.19	\$178.78	\$238.38	7/1/2018	6/30/2019	\$38.82		535 01-\$40.00
	\$123,96	5185.93	\$247.91	7/1/2019	6/30/2020	540,37	4 00%	
	\$128.91	\$193.37	\$257.83	7/1/2020	6/30/2021	\$41,99	4 00%	
Start Engineer/Scientist/Planner/Surveyor II	\$97,08	\$145,62	\$194.16	7/1/2018	6/30/2019	\$31,62		\$30.01-\$35.00
	\$100.97	\$151.45	\$201.93	7/1/2019	6/30/2020	\$32,88	4 00%	
	\$105.00	\$157,51	\$210.01	7/1/2020	6/30/2021	\$34.20	4.00%	
Start Engineer/Scientist/Planner/Surveyor i	\$87.20	\$130.79	\$174.39	7/1/2018	6/30/2019	\$28.40		\$25.01-830.00
	890.68	\$136 03	\$181.37	7/1/2019	6/30/2020	\$29,54	4.00%	
7.5 6 7.5 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7	\$94,31	\$141.47	\$188.62	7/1/2020	6/30/2021	\$30.72	4.00%	
CAD/GIS/Tech III	88.668	\$149.81	\$199.75	7/1/2018	6/30/2019	\$32,53		\$30.01-535.00
	\$103.87	\$155,81	\$207.74	7/1/2019	6/30/2020	\$33.83	4,00%	
	\$108.03	\$162,04	\$216.05	7/1/2020	6/30/2021	\$35.18	4,00%	
CAL/GIS/ I cch II	\$79.83	\$119.74	\$159.65	7/1/2018	6/30/2019	\$26.00		\$25.01-\$30,00
	\$83.02	\$124.53	\$166,04	7/1/2019	6/30/2020	\$27.04	4,00%	
	\$86,34	\$129.51	\$172.68	7/1/2020 -	6/30/2021	\$28.12	4,00%	
CAD/GIS/Tech I	\$72.77	\$109.15	\$145.53	7/1/2018	6/30/2019	\$23.70		\$20,01-\$25.00
	\$75.68	\$113.51	\$151.35	7/1/2019	6/30/2020	\$24,65	4.00%	
	\$78.70	\$118.05	\$157.41	7/1/2020	6/30/2021	\$25.63	4.00%	
Administrative Support III	\$84.28	\$126.42	\$168.56	7/1/2018	6/30/2019	\$27.45		\$25,01-\$30,00
	\$87.65	\$131.48	\$175.30	7/1/2019	6/30/2020	\$28.55	4.00%	
The state of the s	\$91.16	\$136.73	\$182.31	7/1/2020	6/30/2021	\$29.69	4 00%	
Administrative Support II	\$70.06	\$105.10	\$140.13	7/1/2018	6/30/2019	\$22.82		\$20.01-\$25.00
to a	\$72.87	\$109.30	\$145.73	7/1/2019	6/30/2020	\$23.73	4,00%	
	\$75.78	\$113,67	\$151.56	7/1/2020	6/30/2021	\$24.68	4.00%	
Administrative Support I	\$49.12	\$73.69	\$98.25	7/1/2018	6/30/2019	\$16,00		\$15.00-\$20.00
	\$51.09	576.63	\$102.18	7/1/2019	6/30/2020	\$16.64	4 00%	
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<sup>1.</sup> All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposais,

<sup>2.</sup> The cost proposal format shall not be amended.

<sup>3.</sup> Billing rate = actual hourly rate \* (1+ ICR) \* (1+ Fee). Indirect cost rates should be based on the consultant's annual accounting period, established by a cognizant agency or accepted by Calvrans. All costs must comply with the Federal cost principles for reimbursement.

<sup>4.</sup> For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Ratu for that classification.

### Local Assistance Procedures Manual

# EXHIBIT 10-H COST PROPOSAL Page 2 of 2

SPECIFIC	RATE OF COMPENSATION (U	SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)	(S)
Consultant GHD Inc.	X Prime Consultant	☐ Subconsultant	
oject No. DPW2018-005	Contract No.	Date 8/1	6/2018

8/16/2018

Date

SCHEDULE OF OTHER DIRECT COST ITEMS	JIRECT COST	ITEMS		
DESCRIPTION OF ITEMS	QUANTITY	TIND	UNIT COST	TOTAL
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Drilling	24	uay	00.001	\$2,000
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Parking			at cost	
Rental Vehicle and Gas			at cost	
Lodging	10		at 505t	000
Per Diem	20	day	1	31,000
Related Incidentals	77	uay	00.021	37,400
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Plan Sheets (external)			af post	
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### NOTES:

- List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
  - Proposed ODC items should be consistently billed regardless of client and contract type.
- Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
  - Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
- Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
- Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules. 9
- If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles, In addition, the miles claimed should be supported by mileage logs.
  - If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
    - The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
      - Add additional pages if necessary.
- Subconsultants must provide their own cost proposals.

### EXHIBIT 10-H2 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:

- 7. Generally Accepted Accounting Principles (GAAP)
- 8. Terms and conditions of the contract
- 9. Title 23 United States Code Section 112 Letting of Contracts
- 10. 48 Code of Federal Regulations Part 31 Contract Cost Principles and Procedures
- 11. 23 Code of Federal Regulations Part 172 Procurement, Management, and Administration of Engineering and Design Related Service
- 12. 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.

Prime Consultant or Subconsultant Certifying:		
Name: Bill Silva	Title *: Principal	
Signature: U.J. FE	Date of Certification (mm/dd/yyyy)	9/20/18
Email: bill.silva@ghd.com	Phone Number: 707-523-10	
Address: 2235 Mercury Way Su 150	, Santa Rosa, CA 9540	7
* An individual executive or financial officer of no lower than a Vice President or a Chief Financial information utilized to establish the		thority to represent
no lower than a Vice President or a Chief Finant the financial information utilized to establish th		thority to represent
no lower than a Vice President or a Chief Finan	e cost proposal for the contract.	thority to represent
no lower than a Vice President or a Chief Finan the financial information utilized to establish th	e cost proposal for the contract.  osed contract:  vironmental, construction	thority to represent
no lower than a Vice President or a Chief Finan the financial information utilized to establish th List services the consultant is providing under the propo Project management, engineering/design, env	e cost proposal for the contract.  osed contract:  vironmental, construction	thority to represent
no lower than a Vice President or a Chief Finan the financial information utilized to establish th List services the consultant is providing under the propo Project management, engineering/design, env	e cost proposal for the contract.  osed contract:  vironmental, construction	thority to represent

# EXHIBIT 10-H4 COST PROPOSAL FOR CONTRACTS WITH PREVAILING WAGES ACTIVE COST FLUE FIRE DEFINED WORK FOR FIRE OF THE STATE OF CONTRACTS OF CONTRIBUTION WORK FOR FIRE OF THE STATE OF THE STA

Exhibit 10:104 Cort Proposal for Calcans with Previating Warrs

CONTRACT TYPE: Specific Pates of Companion

DATE\_ &31/2018

S. SUB VES. PRIME

CONTRACT NO.

PROJECT NO.: DPW-2018-005 CONSULTANT: OHD, IDS.

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mpt årtplare Leader Billing Ranse. Pt. Time - Actual Houriy Ran - (1 - Field O.H.) - (1 - Fiel) - Delta Bara - (Applicable Statisties base is ones force.	ord Balling Ages only flate 1 (1 + 5	Field C.H.	·(1 . Fee)	· Delta Ba	Se (Appli	Cable Mail	Solar Delta	Bagal .	Att Second	- Charles	all also	4						T			120	VORTAL VORTAL	Cannell	SE S	Eringa Benetit % 35.00%	Over.	,	Connect	B Administra DDN	* 1000	Cembred 1,	25.30%
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	Home Office Personnel		Preventi	Preveiling Wings Rata satabilitied by State DIR	ote setable	The By B	THIS DIR	の一般を表する		200	Employe	Employee Actual Rate	926	0.00000	100	Appl	Applicable	Best-form	Apsil	ceble	A Property	Indicable Of Ta Chare	CI TA CEIM			4		Apolicas	Applicable to a plant	pley Forge Creich	7.7	200
	Fledi Office Pecsonnell	l la	16	1000	FORTS.		He has been - tags bracks	91 S. S. E.		Super season	2 Dereille	311	Copi - Copi - Co	and a firmus		DELTA (TOTAL) a Employee Total - DEI Total	DELTA (TOTAL) s.	温能	DELTA Game a. DRR Rate - Employme Same Rate	DELTA Green	<b>OPTIMISE</b>	DELTA TOTAL - DELTA BASE	TOTAL - DELTA		roaded Hou	Loaded Hourly Billing Retex	-	Effective Dam of Health Rate	December	Hourty Rate		Haufy Bergs Sr
	flero	50.52	\$64.55	\$65,04	1	\$2078	305.12 \$156.61	4-	90,500	397.50   \$130.0	Ma.	513 83	5 to 12	51 47 5147 80		Stage 1	ASOT STATE	900	Stages 1 - 12	1904	14	3424	501   20	+	Shady   GT (1.5v	Sel or the	+	1	Nemase		. 15	Class
Wage Work		12.5		295,04	\$30.57 \$30.57	\$72.59 \$72.59	\$95.10 \$19.61 \$95.10 \$19.61 \$95.10 \$116.61		165.95 501.05	\$100,42 \$122,52 \$102,44 \$137,52 \$106,25 \$142,08		-		24,7412 SEA-118				2000 2000	50.00 50.00 50.00 50.00	\$5.00 \$5.00 \$1.00		-		50,00 S20331 50,00 S20331 50,00 S20331	2012 1202 (C)			C102020 810217	675 670 1,000,000		66,95	
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Wage Work		\$43,02 \$43,02 \$43,02		SM6.04 SM6.04 SM6.04	Marine Marine	\$73.59 \$73.59 \$70.59					397.96 \$160.92 \$160.94	1111	20025 20025 20025 20025	584.75 \$100.25 584.75 \$100.22 586.76 \$110.10 609.22 #116.14	200	STATUTE	250 250 250 250 250 250 250 250 250 250	STAN CALL	05 00 00 00 00 00 00 00 00 00 00 00 00 0	06 05 05 05 05 05 05 05 05 05 05 05 05 05	0000	255		-	-	89 \$224.85 51 \$221,80 38 \$218.53	1	-	1022 3,36% 1021 3,06%	40 40 kg	47.53	4.7
der Dussen	PEG	342,19	1	\$64,38		+	\$94,78 4		\$43.79	-	367.53	212.34	21.52	103 12563	200.00	-	-	-	-	-		-	200 1000	01,470 5791,32	12 8203.42	-		71,2021 633,000	*******	49	\$1.22	
Wage Work		542.19 542.19 542.19	\$51.28 \$51.28	25.43 25.43	\$20.25 \$20.25 \$20.25	\$70.00 \$70.00 \$71.00	\$94,18 \$115,27 \$94,18 \$115,27		\$45.10 \$45.45 \$47.84	\$67.55 \$59,6k \$71.75			\$55,44 \$57,79 \$59,78			10 10 10 10 10 10 10 10 10 10 10 10 10 1	1628 1628 1678	1200	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	2000 2000 2000 2000 2000 2000 2000 200		1988 1988 1983		\$142.5 \$140.55 \$143.58	255 5255.25 255 5707.54 256 1205.24	5276,44 54 \$225,72 24 \$322,93		7/12019 8/20/2010 7/12019 8/20/2017	070 020 038% 071 0.08%	17 54 40	45.15	17.7
ward y Wage Werk	O. SHELD	\$42,19 \$42,19 \$42,19	\$5.03 \$5.03 \$5.03 \$5.03	\$24,28 \$74,38 \$64,38 \$84,08	\$20.55 \$20.55 \$20.59 \$70.55	2000 2000 2000 2000 2000 2000	\$34.10 \$115.27 \$94.16 \$115.27 \$94.16 \$115.27		55.55 55.55 56.55 56.05	365.68 351.07 594.73	\$115,58 \$122,62 \$122,62	\$11.35 \$1	\$70,000 \$70,000 \$70,000 \$74,400 \$74,400	\$50.03 \$138.00 \$100.50 \$130.02 \$100.01 \$130.00 \$100.00 \$107.64		8 2 2 8 8 2 2 8	20 00 00 00 00 00 00 00 00 00 00 00 00 0	50.05 50.05 50.05 50.05 50.05 50.05	20.05 20.05 20.00 20.00 50.00	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	86 88 8 86 88 8		2 K K K	-		-				и ин	25.52 25.52 25.53 25.53	167.
Deviceor	FIELD	2000	1	365.54	45058	\$13.59	\$ 65,688	5116.61	226.25	145.28	18:70	3 1 275 1 6	100.00	1000			-	-	-	-	-	-	-	-			70	AGT   BASIZOZZ		14	21.	
Waps Work		\$45.02 \$45.02 \$45.02	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	\$69,42 463.42 353.42	75057 75057	\$72.59 \$73.59 \$71.59	\$95,10 \$95,10 895,10	\$28.29 \$28.29 \$46.29	\$30,00 \$21,20 \$32,45			-	elympion de l'institution de		25.75 25.75	200	1228 1228	ent e	3665 461	1154	4191	Vite Pr∰i Still	aaka ungi	21450 S191.12 21450 S191.12 21450 S191.12	12 \$ 12/5/5/ 12 \$ 12/5/5/ 12 \$ 12/5/5/	11 S205.00 12 S205.00 12 S205.00 12 S205.00		712016 6307217 712016 630202 712016 630721	979 023 4,057,		26.85 36.82 35.25	7,
Nati	FRELD	340.00		-		35775	64.545	-	+	4	255.05	\$13.16	01.17	The second	12.00			-	-		-	-					_	-	-		3	
p Wage Work		\$43.00 \$43.00	252	265,04 265,04	2022 2023 2023	2000 2000 2000 2000 2000 2000 2000 200	\$45.50 \$45.50 \$45.50	\$15,01 \$115,01 \$115,61	\$28.35 20.02 21.02 21.03 21.03	343,23 \$45,48 \$47,30	-	2 21.012 2 21.012 3 21.012	and the subsection	356,89 571 558,64 575 556,65 576		10 15 E		A SECTION AND A	ABSE LOVE LLLL	1800 1801 1801	9 A 22 A 2 2 5 A 2 2 5 A			\$100.00 \$100.00 \$100.00 \$100.00	60.058 90.058 90.058 90.058 90.058 90.058	50 S251,27 70 X254,25 74 X254,25		0.00000 0.00000 0.00000 0.00000 0.000000 0.000000	200 000 200 000 200 000	12 41 12 4	28,02	4.3

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### DPW2018-005 On-Call Professional Design Engineering and/or Environmental Services

### Summary of Cost Proposal Participation Amounts of Prime Consultant and Subconsultants Dated: October 1, 2018

Consultant	Participation Amount					
GHD Inc.	\$1,648,992.02					
Biggs Cardosa	\$250,000.00					
Crawford	\$200,000.00					
Ghirardelli	\$300,000.00					
Points West	\$100,000.00					
SHN	\$400,000.00					
Stantec	\$300,000.00					
DZC	\$50,000.00					
WRA	\$50,000.00					
Morrison	\$200,000.00					

Total	\$3,498,992.02

Exhibit 10-H2

Cost Proposal

EXHIBIT 10-H2 COST PROPOSAL Page 1 of 2 SPECIFIC RATE OF COMPENSATION

Note: Mark-ups are Not Allowed

	Consultant Biggs Cardosa Associates	gs Cardosa	Associates	☐ Prime Consultant	sultant	X Subconsultant	ıt	Date	10/4/2018	
	Project No. DPW2018-005	W2018-005		Contract No.		Partic	Participation Amount	\$ 250,000.00		
0.00% Fringe Benefit %		<sup>9</sup> - +	152.03% Overhead %	+	0.00% General Administration %	nistration %	II	152.03% Combined Indirect Cost Rate (ICR) %	st Rate (ICR) %	
	BILLING INFORMATION	MATION				CALCI	EAL CITE ATTON INFORMATOR	FEE % =	%01	
Name/Job Title/Classification	Cation 1	Hor	Hourly Billing Rates2	·S <sup>2</sup>	Effective date	Effective date of hourly rate	Actual or Avg.	% or \$ increase	Hourly range - for	١.
Method II	- Inches	Straigh	t <sup>3</sup> OT	OT(1.5x)	From	To	hourly rate		classifications only	٠,
Manyash Harms - Principal		\$271.91	N/A	N/A	10/1/2017	9/30/2018	\$98.08			
		\$285.51		N/A	10/1/2018	9/30/2019	\$102.98	5.00%		
		\$299.78	100000	N/A		9/30/2020	\$108.13	5.00%	Not Applicable	
A (1)		\$314.77		N/A	10/1/2020	9/30/2021	\$113.54	5.00%		
Allunony Kichardson - Project Manager	Manager	\$163.96		N/A	10/1/2017	9/30/2018	\$59.14			
Engineering Manager	nager	\$172.15		N/A	10/1/2018	9/30/2019	\$62.10	5.00%		
		\$180.76		N/A	10/1/2019	9/30/2020	\$65.20	2.00%	Not Applicable	
0.000		\$189.80		N/A	10/1/2020	9/30/2021	\$68.46	2.00%		
Kon Uen - UC/QA Manager		\$192.73		N/A	10/1/2017	9/30/2018	\$69.52			
Associate		\$202.37			10/1/2018	9/30/2019	\$73.00	5.00%		
		\$212.49			10/1/2019	9/30/2020	\$76.65	5.00%	Not Applicable	
11-11-		\$223.11		N/A	10/1/2020	9/30/2021	\$80.48	5.00%		
Yollana Swenson - Senior Engineer	ineer	\$140.00		N/A	10/1/2017	9/30/2018	\$50.50			
		\$147.00			10/1/2018	9/30/2019	\$53.03	5.00%	;	
		\$154.35			_	9/30/2020	\$55.68	2.00%	Not Applicable	
n-ii-		\$162.07		N/A		9/30/2021	\$58.46	2.00%		
Frincipal III		\$300.69		₹Z		9/30/2018	\$108.46		\$108.00 to \$110	12
		\$315.72		N/A	_	9/30/2019	\$113.88	5.00%	ç	
		\$331.51		N/A	-	9/30/2020	\$119.58	5.00%	5	2 5
		\$348,08		N/A	10/1/2020	9/30/2021	\$125.56	2.00%	ţ	27
Frincipal II		\$263.70				9/30/2018	\$95.12		100	100
		\$276.89				9/30/2019	\$866\$	5.00%	Q.	105
		\$290.73				9/30/2020	\$104.87	2.00%	S	2
11		\$305.27	K/X			9/30/2021	\$110.11	8.00%	to	15
Frincipal I		\$231.93				9/30/2018	\$83.66		to	\$85
амий	_	\$243.53	N/A	N/A	10/1/2018	9/30/2019	\$87.84	5.00%	to	\$88

January 14, 2015

\$89.25

\$85.00

\$100.00

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	\$253.71	d d	Y ;	10/1/2019	9/30/2020	\$92.24	2.00%	\$91.51 to	\$93.71
Associate	\$100.47	N.A.	N/A	10/1/2020	9/30/2021	\$96.85	2.00%	\$96.08 to	898.40
	10.2010	K/Z	N/A	10/1/2017	9/30/2018	\$65.94		\$57.00 to	
	5601.93	K Z	₹ Ż	10/1/2018	9/30/2019	\$69.24	5.00%		
	\$201.55	K Z	A/A	10/1/2019	9/30/2020	\$72.70	5.00%		
Treinment Noncon	\$211.62	K/X	N/A	10/1/2020	9/30/2021	\$76.33	5.00%		
Linguisci ing Manager	\$160.66	N/A	N/A	10/1/2017	9/30/2018	\$57.95			
	\$168.69	A/N	N/A	10/1/2018	9/30/2019	\$60.85	2.00%		
	\$177.12	N/N	N/A	10/1/2019	9/30/2020	\$63.89	2.00%		
	\$185:98	N/A	N/A	10/1/2020	9/30/2021	\$67.08	2.00%		
Senior Engineer	\$139.14	KZ	N/A	10/1/2017	9/30/2018	\$50.19			
	\$146.10	K/Z	N/A	10/1/2018	9/30/2019	\$52.70	5.00%		
	\$153.41	N/A	X/Z	10/1/2019	9/30/2020	\$55.33	5.00%		
Devisor Davison	\$161.08	N/A	N/A	10/1/2020	9/30/2021	\$58.10	5.00%		
וואלבי ביוצוונכנו	\$125.42	KZ.	N/A	10/1/2017	9/30/2018	\$45.24		1	
	\$131.69	N/A	N/A	10/1/2018	9/30/2019	\$47.50	5.00%		
	\$138.28	Z.	N/A	10/1/2019	9/30/2020	\$49.88	5.00%		
·	\$145.19	K/Z	N/A	10/1/2020	9/30/2021	\$52.37	5.00%		
Staff Engineer	\$107.12	K/Z	N/A	10/1/2017	9/30/2018	\$38.64			\$41.00
	\$112.48	Z	N/A	10/1/2018	9/30/2019	\$40.57	5.00%		
	\$118:10	K/Z	A/A	10/1/2019	9/30/2020	\$42.60	5.00%		
	\$124.01	N/A	N/A	10/1/2020	9/30/2021	\$44.73	5.00%		
Assistant Engineer	\$94.37	N/A	A/A	10/1/2017	9/30/2018	\$34.04			
	\$99.09	K/Z	N/A	10/1/2018	9/30/2019	\$35.74	5.00%		
	\$104.04	N/A	NA	10/1/2019	9/30/2020	\$37.53	2.00%		
	\$109.25	A/A	N/A	10/1/2020	9/30/2021	\$39.41	5.00%		
Junior Engineer	\$87.58	N/A	N/A	10/1/2017	9/30/2018	\$31.59		1	
v	\$91.96	A/N	A/Z	10/1/2018	9/30/2019	\$33.17	2.00%		
	\$96.55	N/A	N/A	10/1/2019	9/30/2020	\$34.83	5.00%		
	\$101.38	N/A	N/A	10/1/2020	9/30/2021	\$36.57	5.00%		
Sr. Computer Drafter	\$115.02	N/A	A/Z	10/1/2017	9/30/2018	\$41.49			
	\$120:78	N/A	N/A	10/1/2018	9/30/2019	\$43.56	5.00%		
	\$126.81	NA	Z/Z	10/1/2019	9/30/2020	\$45.74	5.00%	\$44.10 to	
, , ,	\$133.15	N/A.	₹/Z	10/1/2020	9/30/2021	\$48.03	2.00%	\$46.31 to	
Secretarial Services	\$94.76	N/A	N/A	10/1/2017	9/30/2018	\$34.18		\$17.00 to	
	\$99.50	Y X	N/A	10/1/2018	9/30/2019	\$35.89	5.00%	\$17.85 to	\$57.75
	\$104.47	N/A	Y Z	10/1/2019	9/30/2020	\$37.68	2.00%	\$18.74 to	\$60.64
	\$109.69	Z/Z	A/N	10/1/2020	9/30/2021	\$39.57	2.00%	\$19.68 to	
Construction Manager	\$189.54	N/A	N/A	10/1/2017	9/30/2018	\$68.37		\$51.00 to	
	\$199.02	N/A	N'A	10/1/2018	9/30/2019	\$71.79	2.00%	\$53.55 to	
	\$208.97	Z/Z	ZZ	10/1/2019	9/30/2020	\$75.38	5.00%	\$56.23 to	
	\$219.42	A/N	A/N	10/1/2020	9/30/2021	\$79.15	2.00%	\$59.04 to	
Senior Structures Representative	\$180.62	\$213.19	\$245.77	10/1/2017	9/30/2018	\$65.15		\$57.00 to	
	\$189.65	\$223.85	\$258.06	10/1/2018	9/30/2019	\$68.41	2.00%	\$59.85 to	
	\$1.99.13	\$235.04	\$270.96	10/1/2019	9/30/2020	\$71.83	2.00%	\$62.84 to	\$84.89
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Local Assistance Procedures Manual									Fyhibit 10.H
Structures Dominated	\$209.09	\$246.80	\$284.51	10/1/2020	9/30/2021	\$75.42	5.00%	\$65.98 10	\$80 141
ou detures representative	\$160.66	\$189.63	\$218.61	10/1/2017	9/30/2018	\$57.95		1	\$67.14
	\$168.69	\$199.11	\$229.54	10/1/2018	9/30/2019	\$60.85	5.00%		87035
	\$177.12	\$209.07	\$241.01	10/1/2019	9/30/2020	\$63.89	5.00%		\$73.87
Pacident Darings	\$185.98	\$219.52	\$253.06	10/1/2020	9/30/2021	\$67.08	5.00%		877.56
ויבפותפוור ביוולווובפו	\$180.62	\$213.19	\$245.77	10/1/2017	9/30/2018	\$65.15		1	00 223
	\$189.65	\$223.85	\$258.06	10/1/2018	9/30/2019	\$68.41	2.00%		28083
15	\$199.13	\$235.04	\$270.96	10/1/2019	9/30/2020	\$71.83	\$ 00%		000000
	\$209.09	\$246.80	\$284.51	10/1/2020	9/30/2021	\$75.42	5.00%		504.03
Assistant Structures Representative	\$140.95	\$166.37	\$191.79	10/1/2017	9/30/2018	\$50.84			56400
	\$147.99	\$174.68	\$201.37	10/1/2018	9/30/2019	853 38	2000 \$		00.400
	\$155.39	\$183.42	\$211.44	10/1/2019	9/30/2020	\$56.05	5.00%	\$50.40 to	07.705
9 57 65	\$163.16	\$192.59	\$222.02	10/1/2020	9/30/2021	\$58.85	5.00%		\$70.00
Assistant Resident Engineer	\$140.95	\$166.37	\$191.79	10/1/2017	9/30/2018	\$50.84			\$64.00
	\$147.99	\$174.68	\$201.37	10/1/2018	9/30/2019	\$53,38	200%		\$67.20
	\$155.39	\$183.42	\$211.44	10/1/2019	9/30/2020	\$56.05	2.00%		670 26
	\$163.16	\$192.59	\$222.02	10/1/2020	9/30/2021	\$58.85	2 00%		674 00
Senior Bridge Inspector **	\$168.34	\$198.70	\$229.06	10/1/2017	9/30/2018	\$60.72			672 00
	\$176.75	\$208.63	\$240.51	10/1/2018	9/30/2019	\$63.76	2000		00.776
	\$185.59	\$219.06	\$252.53	10/1/2019	9/30/2020	\$66.94	3.00.c		070.00
	\$194.87	\$230.02	\$265.16	10/1/2020	9/30/2021	870.29	5.00%		97.70
Inspector Level V **	\$159.30	\$188,03	\$216.76	10/1/2017	9/30/2018	\$57.46	0.000		505.33
	\$167.26	\$197.43	\$227.60	10/1/2018	9/30/2019	\$60.33	5.00%		58083
	\$175.63	\$207.30	\$238.98	10/1/2019	9/30/2020	\$63.35	2.00%		584 80
	\$184.41	\$217.67	\$250.92	10/1/2020	9/30/2021	\$66.52	5.00%		\$89.14
Inspector Level IV **	\$138.62	\$163.62	\$188.62	10/1/2017	9/30/2018	\$50.00			\$66.00
	\$145.55	\$171.80	\$198.05	10/1/2018	9/30/2019	\$52.50	2.00%		\$69.30
	\$152.82	\$180.39	\$207.95	10/1/2019	9/30/2020	\$55.13	5.00%		572.77
	\$160.47	\$189.41	\$218.35	10/1/2020	9/30/2021	\$57.88	5.00%		\$76.40
Inspector Level III **	\$132.60	\$156.52	\$180.43	10/1/2017	9/30/2018	\$47.83		\$35.00 to	\$61.00
	\$139.23	\$164.34	\$189.45	10/1/2018	9/30/2019	\$50.22	5.00%		\$64.05
	\$146.19	\$172.56	\$198.92	10/1/2019	9/30/2020	\$52.73	2.00%		\$67.25
	\$153.50	\$181.19	\$208.87	10/1/2020	9/30/2021	\$55.37	5.00%		67.078
Inspector Level II **	\$126.97	\$149.87	\$172.77	10/1/2017	9/30/2018	\$45.80		1	\$61.00
	\$133.32	\$157.37	\$181.41	10/1/2018	9/30/2019	\$48.09	5.00%	\$36.75 to	\$64.05
	\$139.99	\$165.23	\$190.48	10/1/2019	9/30/2020	\$50.49	5.00%	\$38.59 to	\$67.25
	\$146.99	\$173.50	\$200.01	10/1/2020	9/30/2021	\$53.02	2.00%	\$40.52 to	\$70.62
Inspector Level I **	\$107.15	\$126.48	\$145.80	10/1/2017	9/30/2018	\$38.65		\$30.00 to	\$55.00
	\$112.51	\$132.80	\$153.09	10/1/2018	9/30/2019	\$40.58	2.00%	\$31.50 to	\$57.75
	\$118.13	\$139.44	\$160.75	10/1/2019	9/30/2020	\$42.61	2.00%	\$33.08 to	\$60.64
	\$124.04	3146.41	\$168.78	10/1/2020	9/30/2021	\$44.74	2.00%	\$34.73 to	\$63.67
								CONTROL SECTION SERVICE SECTION SERVICES	

<sup>1.</sup> 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.

- 3. Billing rate = actual hourly rate \* (1+ ICR) \* (1+ Fee). Indirect cost rates should be based on the consultant's annual accounting period, established by a cognizant agency or accepted by Caltrans. All costs must comply with the Federal cost principles for reimbursement.
  - 4. For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

January 14, 2015

Exhibit 10-H2 Cost Proposal

FYHIRIT 10 II COCT DOO

\$11,823				
\$0	Actual	EA		C. I ruck Kental
80	Actual	EA		5. Express Mail/USPS
\$0	Actual	EA		A. Delivery Services
				Project Specific Delivery Services
\$4,800	\$1.60	SQ FT	3000	C. In-House CADD Plots
\$208	\$0.32	SQ FT	649	B. In-House CADD Prints
\$0	Actual	EA	0	A.Outside Reproduction
3				Prints & Reproductions
\$2,020	TRS Rate	EA	20	D. Lodging
\$1 205	IRS Rate	EA	20	C. Per Diem
\$1,000	Actual	EA	5	B. Rental Vehicle
\$2 500	Actual	EA	5	A. Airfare
				Travel
TOTAL	UNIT COST	UNIT	QUANTITY	DESCRIPTION OF ITEMS
		TEMS	IRECT COST I	SCHEDULE OF OTHER DIRECT COST ITEMS
	10/4/2018	Date	: , i	Project No. DPW2018-005
			X Subconsultant	Consultant Biggs Cardosa Assoc
	(NTRACTS)	se 2 of 2 NS-NEEDED CC	ROPUSAL Pag	SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)

### NOTES:

- List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
  - Proposed ODC items should be consistently billed regardless of client and contract type.
- Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
  - Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
- Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
- Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.
- If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs.

January 14, 2015

### Local Assistance Procedures Manual

- 8. If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
  - 9. The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
    - 10. Add additional pages if necessary.
- 11. Subconsultants must provide their own cost proposals.

### EXHIBIT 10-H2 COST PROPOSAL

### **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. <u>23 Code of Federal Regulations Part 172</u> 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.

Name: Mahvash Harms	Title *: Principal
Signature: M Hamms	Date of Certification (mm/dd/yyyy): 10/4/2018
Email: Mharms@biggscardosa.com	Phone Number: 510-250-8118
Address: 1111 Broadway, Suite 1510, Oaklan	nd CA 94607
a level no lower than a Vice President or a	cer of the consultant's or subconsultant's organization at Chief Financial Officer, or equivalent, who has authority zed to establish the cost proposal for the contract.
structural engineering and federal-aid support	

### DPW2018-005 On-Call Professional Design Engineering and/or Environmental Services

### Summary of Cost Proposal Participation Amounts of Prime Consultant and Subconsultants Dated: October 1, 2018

Consultant	Participation Amount
GHD Inc.	\$1,648,992.02
Biggs Cardosa	\$250,000.00
Crawford	\$200,000.00
Ghirardelli	\$300,000.00
Points West	\$100,000.00
SHN	\$400,000.00
Stantec	\$300,000.00
DZC	\$50,000.00
WRA	\$50,000.00
Morrison	\$200,000.00

Total \$3,498,992.02

### EXHIBIT 10-H2 COST PROPOSAL Page 1 of 2 SPECIFIC RATE OF COMPENSATION

Note: Mark-ups are Not Allowed

Subconsultant Name Crawford & Associates, Inc.

X Subconsultant

Date 7/1/2018

Project No. DPW2018-005 (County of Humboldt)

Participation Amount \$ 200,000,00

42.0%

135.00%

20%

197.00%

Fringe Benefit %

Overhead %

General Administration %

Combined Indirect Cost Rate (ICR) %

BILLIN	G INE	ORMATI	ΩN					C	ALCULATI	ION I	FEE % =	10%
Name/Job Title/Classification <sup>1</sup>				Billing Rat	es²			ate of hourly	Actual of Avg.		% or \$ increase	Hourly range - for
		Straigh	t <sup>3</sup>	0	T(1	.5x)	From	70	hourly ra	te <sup>4</sup>		classifications only
Richard Sowers	\$	212.36		318,54	1 \$	424.72	7/1/18	6/30/19	\$ 6	5,00		Not Applicable
Principal	\$	218.73		328.09	\$	437.45	7/1/19	6/30/20	\$ 60	3.95	3.00%	
	\$	225.29		337.93		450,57	7/1/20	6/30/21	\$ 60	3.96	3.00%	
Benjamin Crawford	\$	206,15	\$	309.22	\$	412.30	7/1/18	6/30/19	\$ 60	3.10		Not Applicable
Principal	\$	212,33	\$	318.50	\$	424.66	7/1/19	6/30/20	\$ 64	4.99	3.00%	
	\$	218,70	\$	328,05	\$	437.40	7/1/20	6/30/21	\$ 60	5.94	3,00%	
Eric Nichols	\$	173.28	\$	259.92	\$	346.56	7/1/18	6/30/19	\$ 53	3.04		Not Applicable
Senior Project Manager	\$	178.48	\$	267,72	\$	356,96	7/1/19	6/30/20	\$ 54	1,63	3.00%	
- Carlos Company Compa	\$	183,83	\$	275.75	\$	367.67	7/1/20	6/30/21	\$ 56	6.27	3.00%	
Steve Carler	\$	147.83	\$	221.75	\$	295.66	7/1/18	6/30/19	\$ 45	5.25		Not Applicable
Senior Project Manager - Env	s	152.27	\$	228.40	\$	304.53	7/1/19	6/30/20	\$ 46	5.61	3.00%	
, ,	\$	156.83	\$	235.25	S	313.67	7/1/20	6/30/21	\$ 46	3.01	3.00%	
Senior Engineer/Geologist	\$	143.00	\$	214,49	\$	285.99	7/1/18	6/30/19	\$ 43	3.77		\$40.00-\$45.67
TBD	\$	147,29	\$	220.93	\$	294.57	7/1/19	6/30/20	\$ 45	5.08	3.00%	
	\$	151.71	S	227.56	\$	303.41	7/1/20	6/30/21	\$ 46	5.44	3.00%	
Project Engineer II/Geologist	\$	137.21	\$	205,82	\$	274.43	7/1/18	6/30/19	\$ 42	2.00		\$30.00-\$60.00
TBD	\$	141.33	S	212.00	\$	282,66	7/1/19	6/30/20	\$ 43	3.26	3.00%	
	\$	145,57	\$	218.36	5	291.14	7/1/20	6/30/21	\$ 44	1.56	3.00%	
Project Engineer/Geologist	\$	106.80	\$	160.20	\$	213.60	7/1/18	6/30/19	\$ 32	2,69		\$31.73-\$33.65
TBD	\$	110.00	\$	165.00	\$	220.00	7/1/19	6/30/20	\$ 33	.67	3.00%	
	\$	113.30	\$	169,95	\$	226,60	7/1/20	6/30/21	\$ 34	,68	3.00%	
Staff Engineer	5	84.94	\$	127.41	\$	169.88	7/1/18	6/30/19	\$ 26	.00		\$23.00-\$29.81
TBD	\$	87,49	\$	131.24	\$	174.98	7/1/19	6/30/20	\$ 26	.78	3.00%	
	\$	90.11	\$	135.17	\$	180.23	7/1/20	6/30/21	\$ 27	.58	3.00%	
Drafting	\$	76,77	\$	115,16	\$	153.55	7/1/18	6/30/19	\$ 23	.50		\$23.00-\$29.81
TBD	\$	79.08	\$	118.62	\$	158.16	7/1/19	6/30/20	\$ 24	.21	3.00%	
	\$	81,45	\$	122.18	\$	162.90	7/1/20	6/30/21	\$ 24	.93	3,00%	
Administrative Assistant	\$	75.86	\$	113.79	\$	151.72	7/1/18	6/30/19	\$ 23	.22		\$17.00-\$36.05
тво	\$	78.14	\$	117.20	\$	156.27	7/1/19	6/30/20	\$ 23	.92	3.00%	
	\$	80,48		120.72		160,96	7/1/20	6/30/21	\$ 24	.63	3.00%	

<sup>1.</sup> All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.

<sup>2.</sup> The cost proposal format shall not be amended.

<sup>3.</sup> Billing rate = actual hourly rate \* (1+ ICR) \* (1+ Fee). Indirect cost rates should be based on the consultant's annual accounting period, established by a cognizant agency or accepted by Caltrans. All costs must comply with the Federal cost principles for reimbursement.

<sup>4.</sup> For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

### EXHIBIT 10-H COST PROPOSAL Page 2 of 2 SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)

Subconsultant Name Crawford & Associates, Inc.

X Subconsultant

Date 7/1/2018

Project No. DPW2018-005 (County of Humbodt)

SCHEDULE OF	OTHER DIRECT COST ITE	MS			
DESCRIPTION OF ITEMS	QUANTITY	UNIT	Tu	INIT COST	TOTAL
Mileage	1000	Miles	\$	0.545	\$545
Per Diem (Humboldt County)	20	Days	\$	125.00	\$2,500
Drilling, Backhoe, Coring	3	EA	\$	20,000.00	\$60,000
Traffic Controls	8	Days	\$	1,000.00	\$8,000
Laboratory Testing	1 1	LS	\$	4,000.00	\$4,000
Permit Fees	4	EA	\$	435.00	\$1,740
		Esti	<u>l</u> imate	d Cost Total	\$76,785
Subconsultant 1:					
Subconsultant 2:					
Subconsultant 3:					
Subconsultant 4:		7.5			在 第二 经 化接触
Subconsultant 5:					3 7 8 8

### NOTES:

- 1. List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
- 2. Proposed ODC items should be consistently billed regardless of client and contract type.
- 3. Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
- 4. Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
- 5. Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
- 6. Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.
- 7. If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs.
- 8. If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
- 9. The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
- Add additional pages if necessary.
- 11. Subconsultants must provide their own cost proposals.

### EXHIBIT 10-H2 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:

- 7. Generally Accepted Accounting Principles (GAAP)
- 8. Terms and conditions of the contract

Prime Consultant or Subconsultant Certifying:

Name: Benjamin Crawford

- 9. Title 23 United States Code Section 112 Letting of Contracts
- 10. 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
- 12. 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.

Title \* President

Signature:	7 0.	5	-6	Date	of Certifica	ition (mm/d	d/vvvv): 9/	07/2018
Bmail; ben.craw	ford@cra	word-in	nc.com	Phone	Number:	(916)	455-42	25
	100000000000000000000000000000000000000		omic ionimization and					95831
	a Vice Presi nformation t	dent or a C stilized to e	thief Finan stablish th	cial Offi e cost pro	cer, or equi oposal for t	ivalent, who	has authori	zation at a leve ty to represent
Geotechnical Sen	/ices							
					10			
				***************************************				

Crawford & Associator L			
Crawford & Associates, I	ile.		
2018 Fee and Lab Schedule			
Services & Lab Schedule Services & Costs	Detail	Cc	ost
Per Diem (Humboldt County Rates)	Day	\$	129.00
Traffic Control-Major (DBE and/or PW)	Day	\$	2,250.00
Traffic Control-Minor (DBE and/or PW)	Day	\$	1,000.00
Traffic Control-Major (Non DBE or PW)	Day	\$	1,700.00
Traffic Control-Minor (Non DBE or PW)	Day	\$	700.00
Nuclear Density Tests	Test	\$	6.00
Hand Auger	Day	\$	150.00
Steel Liners	Uner	\$	8.00
Core Machine with Generator	Day	\$	2,000.00
Coring Bit Charge	Inch	\$	2.00
Backfill	Bag	\$	8.00
12-Channel Seimisic Refraction	Day	\$	1,200.00
Classification & Index			
Moisture Content	ASTM D2216	\$	40.00
Moisture & Density	ASTM D2216 & D2937	\$	60.00
Sleve Analysis to #200	ASTM D6913	\$	150.00
#200 Wash	ASTM D1140	\$	110.00
Hydrometer Analysis	ASTM D422	\$	175.00
Plasticity Index	ASTM D4318	\$	250.00
Strength			
Direct Shear (CD – 3 pt) Peak Only	ASTM D3080	\$	500.00
Jnconfined Compression - Soil	ASTM D2166	\$	165.00
Inconfined Compression - Rock	ASTM D2166	\$	225.00
Point Load	ASTM D5731-16	\$	65.00
Compaction Curves and Stability			
i-Inch Mold	ASTM D698/D1557	\$	265.00
-inch Møld	ASTM D698/D1557	\$	295.00
I-Value	CTM301	\$	350.00
Consolidation and Expansion	179533466256		
One Dimension Consolidation No Time-Rate	ASTM D2435	\$	300.00
ne Dimension Consolidation Time-Rate	ASTM D2435	\$	420.00
xpansion Index	ASTM D4829	\$	210,00
hemical and Corrosion			
H & Resistivity	CTM643	\$	100.00
ulfate Content	CTM417	\$	50.00
hloride Content	CTM422	\$	50.00
THE CONTRACTOR OF THE PROPERTY	TO STATE OF THE PARTY OF THE PARTY OF	enna.	deka jaka

Rates are applicable through December 31, 2018.

 $\ensuremath{A_{\text{II}}}$  escalation factor of 3%/year will apply for work completed after 2018.

### DPW2018-005 On-Call Professional Design Engineering and/or Environmental Services

### Summary of Cost Proposal Participation Amounts of Prime Consultant and Subconsultants Dated: October 1, 2018

Consultant	Participation
Consultant	Amount
GHD Inc.	\$1,648,992.02
Biggs Cardosa	\$250,000.00
Crawford	\$200,000.00
Ghirardelli	\$300,000.00
Points West	\$100,000.00
SHN	\$400,000.00
Stantec	\$300,000.00
DZC	\$50,000.00
WRA	\$50,000.00
Morrison	\$200,000.00

Total	\$3,498,992.02

Cost Proposal

EXHIBIT 10-H2 COST PROPOSAL Page 1 of 2 SPECIFIC RATE OF COMPENSATION

Note: Mark-ups are Not Allowed

Local Assistance Procedures Manual

8/21/2018		Rate (ICR) %
Date	300,000	110.97% Combined Indirect Cost Rate (ICR) %
sultant	Participation Amount 3	П
and X Subconsultant		0% Acreral Administration %
S Prime Consultant	Contract No	+
ili Associates	118-005	57.13% Overhead %
Consultant Ghiraróelli Associates	Project No. DPWZ018-005	
		53.8% Fringe Benefit %

BILLING INFORMATION
Straight Office Cares Office
20743
SCHOOL ST
\$238.52 \$357,79 \$477.05
\$250,45 \$375,68 \$500,90
\$155.36 \$233.04 \$310,72
\$165,13 \$244.69 \$326,25
\$177.28 \$256.92 \$342.57
\$156.14 \$234,21 \$312,28
\$163.94 \$245.92 \$327.89
\$172.14 \$258.21 \$344.28
\$154.60 \$231.90 \$309.20
\$162.33 \$243.50 \$324.66
\$170,45 \$255.67 \$340,90
5141.80 5212.69 \$283.59
\$148.89 \$223.33 \$297,77
\$156.33 \$234.49 \$312,66
\$177.66  \$266.50 \$355.33
\$186.55 \$279.82 \$373.69
\$195.87 \$293.81 \$391,75

All costs must comply with the Federal cost principles, Subconsoltants will provide their own cost proposals.
 The cost proposal format shall not be aroended.
 Bilding rate = actual fourly rate \* (1 + ICR) \*

4. For remot employees and key personnel enter the actual hourly rare. For classifications only, enter the Average Hourly Rate for that classification.

### Local Assistance Procedures Manual

### SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS) EXHIBIT 10-H COST PROPOSAL Page 2 of 2

	,		CONTRACTOR CONTRACTOR	(CINTACIO)	
Consultant Ghirardelli Associates	☐ Prime Consultant	X Subconsultant			
Project No. DPW2018-005	Contract No.		Date	8/21/2018	
	SCHEDULE OF OTHER DIRECT COST ITEMS	R DIRECT COST	ITEMS		
DESCRIPTION OF ITEMS	OF ITEMS	QUANTITY	E	LINIT COST	TOTAL
Mileage Costs		1834	MILES	\$F\$ U	00013
Per Dien		250	DAYS	100	00000
Permit Fees			2 × Z	0	920000
Plan Sheets			517.A		90
Test			42		20
Vehicle			A/N.		80
Subconsultant 1:			A A		80
Subconsultant 2					\$0
Cabo Arministration 2					\$0
Succonstitution 5.					
Subconsultant 4:					
Subconsultant 5:					

### NOTES:

- 1. List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
- Proposed ODC items should be consistently billed regardless of client and contract type.
- Items when incurred for the same purpose, in like circumstance, should not be included in any indirect east pool or in the overhead rate,
  - Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice),
- Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost,
- Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.
- If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs.
- If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
- The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
  - Add additional pages if necessary.
- Subconsultants must provide their own cost proposals.

January 14, 2015

### EXHIBIT 10-H2 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:

- 7. Generally Accepted Accounting Principles (GAAP)
- 8. Terms and conditions of the contract
- 9. Title 23 United States Code Section 112 Letting of Contracts
- 10. 48 Code of Federal Regulations Part 31 Contract Cost Principles and Procedures
- 11. 23 Code of Federal Regulations Part 172 Procurement, Management, and Administration of Engineering and Design Related Service
- 12. 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.

Prime Consultant or Subconsultant Certifying:		<u> </u>	0 - 1 - 1		
Name: Alain Charles	Title *: _	Corporate	Control	ier	
Alain Charles Charles Dale: 2018.08.06 Signature : 1103:15-0700	Date of C	Certification (mm	n/dd/yyyy):_	09/05	/2018
Email: acharles@ghirardelliassoc.co		umber: 408.4			
Address: 2055 Gateway Place, St	uite 470, S	an Jose, (	CA 951	10	
* An individual executive or financial offic no lower than a Vice President or a Chief F the financial information utilized to establis	inancial Officer,	or equivalent, v	vho has autho		
no lower than a Vice President or a Chief F the financial information utilized to establis	inancial Officer, sh the cost propo	or equivalent, was al for the contra	vho has autho		
no lower than a Vice President or a Chief F the financial information utilized to establish	inancial Officer, sh the cost propo	or equivalent, was al for the contra	vho has autho		
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no lower than a Vice President or a Chief F the financial information utilized to establis	inancial Officer, sh the cost propo	or equivalent, was al for the contra	vho has autho		

STATE OF CALLEORNIA - DEPARTMENT OF TRANSPORTATION COST PROPOSAL CONTRACT CONTRACT (ADMINISTRACT)

Figure Character Colors

Manager 15

Manager 15

Manager 15

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### DPW2018-005 On-Call Professional Design Engineering and/or Environmental Services

### Summary of Cost Proposal Participation Amounts of Prime Consultant and Subconsultants Dated: October 1, 2018

Consultant	Participation Amount
GHD Inc.	\$1,648,992.02
Biggs Cardosa	\$250,000.00
Crawford	\$200,000.00
Ghirardelli	\$300,000.00
Points West	\$100,000.00
SHN	\$400,000.00
Stantec	\$300,000.00
DZC	\$50,000.00
WRA	\$50,000.00
Morrison	\$200,000.00

Total	\$3,498,992.02
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### EXHIBIT 10-H2 COST PROPOSAL Page 1 of 3

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)

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Consultant Points West Surveying Company	mpany

For Combined Rate				
Fring	Fringe Benefit 62.00 % + General &Administrative 57.93 %		=119.93	Combined ICR%
		Fee	=5	%
BILLING IN	BILLING INFORMATION	ALCIII ATION	CALCIII ATION MEORMATION	

		Only									-	Ī											
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CALCULATION INFORMATION	Actual or Avg.	Hourly	\$48.20	\$49.16	\$50.14	\$49.17	\$50.15	\$51.15	\$40.00	\$40.80	\$41.62	\$33.00	\$33.66	\$34.33	\$30.00	\$30.60	\$31.21	\$25.00	\$25.50	\$26.01	\$21.00	\$21.42	\$21.85
CALC	Effective Date of Hourly Rate	To	12/31/2018	12/31/2019	12/31/2020	12/31/2018	12/31/2019	12/31/2020	12/31/2018	12/31/2019	12/31/2020	12/31/2018	12/31/2019	12/31/2020	12/31/2018	12/31/2019	12/31/2020	12/31/2018	12/31/2019	12/31/2020	12/31/2018	12/31/2019	12/31/2020
	Effective Date	From	01/01/2018	01/01/2019	01/01/2020	01/01/2018	01/01/2019	01/01/2020	01/01/2018	01/01/2019	01/01/2020	01/01/2018	01/01/2019	01/01/2020	01/01/2018	01/01/2019	01/01/2020	01/01/2018	01/01/2019	01/01/2020	. 01/01/2018	01/01/2019	01/01/2020
	Rates <sup>2</sup>	OT(1.5x) OT(2x)	\$159.51	\$162.68	\$165.93	\$162.72	\$165.96	\$169.27	\$132.37	\$135.02	\$137.73	\$109.21	\$111.39	\$113.61	\$99.28	\$101.26	\$103.28	\$82.73	\$84.39	\$86.07	\$69.49	\$20.88	\$72.31
NC	Hourly Billing Rates2	OT(1.5	\$135.41	\$138.10	\$140.86	\$138.13	\$140.88	\$143.69	\$112.37	\$114.62	\$116.92	\$92.71	\$94.56	\$96.44	\$84.28	\$85.96	\$87.68	\$70.23	\$71.64	\$73.07	\$58.99	\$60.17	\$61.38
ORMATI	Ho	Straight <sup>3</sup>	\$111.31	\$113.52	\$115.79	\$113.55	\$115.81	\$118.12	\$92.37	\$94.22	\$96.11	\$76.21	\$77.73	\$79.28	\$69.28	870.66	\$72.07	\$57.73	\$58.89	\$60.06	\$48.49	\$49.46	\$50.46
BILLING INFORMATION	Name/Job Title/Classification1		Licensed Surveyor - Principal	David Crivelli		Licensed Surveyor - Principal	Michael Pulley		Licensed Surveyor - Staff	Jesse Buffington		Survey Technician II	William Pool		Survey Technician II	Ryan Baxter		Survey Technician	Paul Krause		Survey Technician I	Austin McChesney	

- 1. All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
  - The cost proposal format shall not be amended.
- Billing rate = actual hourly rate \* (1+ ICR) \* (1+ Fee). Indirect cost rates should be based on the consultant's annual accounting period, established by a cognizant agency or accepted by Caltrans. All costs must comply with the Federal cost principles for reimbursement.
  - 4. For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

### EXHIBIT 10-H2 COST PROPOSAL Page 2 of 3

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS) (Construction Engineering and Inspection Contracts)

Consultant Points West Surveying Company		ime Consultar	☐ Prime Consultant 文Subconsultant	ant	
	**		6		
Project No. <u>DPW-2018-005</u> Contract No.		Date 2/4/2019	1/2019		
SCHEDULE OF OTHER DIRECT COST ITEMS (Add additional pages as necessary)	ECT COST ITH	EMS (Add a	dditional pages	as necessary)	
Description of Item	Quantity	Unit	Unit Cost		Total
Mileage Costs	1000	Mile	\$0.535	\$535.00	
GPS Units	12	Unit	\$100.00	\$1200.00	
Boat	Н	Day	\$150.00	\$150.00	
Single Beam Sounder	· .	Day	\$200.00	\$200.00	
Aerial Target	15	Unit	\$15.00	\$225.00	
Vehicle			S S		-
Subconsultant 1:				÷ 64:	
Subconsultant 2:				65	
Subconsultant 3:				6.	
				<del>)</del>	

### Note: Add additional pages if necessary.

Subconsultant 4: Subconsultant 5:

### NOTES:

List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.

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- Proposed ODC items should be consistently billed regardless of client and contract type.
- Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate. Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
  Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
- Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.

- If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be 7.
- supported by mileage logs.

  If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose. ∞
  - The cost proposal format shall not be amended. All costs must comply with the Federal cost principles. Add additional pages if necessary. Subconsultants must provide their own cost proposals. 9.

#### **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:

- 7. Generally Accepted Accounting Principles (GAAP)
- 8. Terms and conditions of the contract
- 9. Title 23 United States Code Section 112 Letting of Contracts
- 10. 48 Code of Federal Regulations Part 31 Contract Cost Principles and Procedures
- 11. 23 Code of Federal Regulations Part 172 Procurement, Management, and Administration of Engineering and Design Related Service
- 12. 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.

#### Prime Consultant or Subconsultant Certifying:

Name: Michael D. Pulley	Title *: Vice-President, Principal + CFO
Signature: Will Off	Date of Certification (mm/dd/yyyy): 2/4/2019
Email: pulley@pointswestsurveying.com	Phone Number: 707.840.9510

Address: 5201 Carlson Park Drive Suite 3 Arcata CA 95521

\* An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Land Surveying Services, including topographic, boundary, hydrographic, and construction surveying, construction staking, right of way determination, preparation of legal descriptions and maps, coordination with prime and subcontractors

# DPW2018-005 On-Call Professional Design Engineering, and/or Environmental Services

#### Summary of Cost Proposal Participation Amounts of Prime Consultant and Subconsultants

Dated: October 1, 2018

Consultant	Participation
	Amount
GHD Inc.	\$1,648,992.02
Biggs Cardosa	\$250,000.00
Crawford	\$200,000.00
Ghirardelli	\$300,000.00
Points West	\$100,000.00
SHN	\$400,000.00
Stantec	\$300,000.00
DZC	\$50,000.00
WRA	\$50,000.00
Morrison	\$200,000.00

Total	\$3,498,992.02
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Cost Proposal

Local Assistance Procedures Manual

EXHIBIT 10-H2 COST PROPOSAL Page 1 of 2 SPECIFIC RATE OF COMPENSATION

Note: Mark-ups are Not Allowed

8/24/2018 Daie X Subconsultant ☐ Prime Consultant Consultant SHN

Contract No. Project No. DPW2018-005

Participation Amount \$

400,000,00

General Administration %

64.36% Overhead %

72.5% Fringe Benefit %

170.17% Combined Indirect Cost Rate (ICR) %

		7				TOTAL CHARGE THE CHARG		
Name/Job Title/Classification	Hourty	Hourty Briting Kates		Effective date	Effective date of hourly rate	Actual or Avg.	% or \$ increase	Hourly range - for
- 1	Straight	OT(1.5x)	5x)	From	To	hourly rate		classifications only
Greg Hufford *- Project Manager	\$133.67	\$200.50	\$267.34	6/1/2018	12/31/2018	\$43.40		Net Applicable
Assoc Engineer II	\$137,68	\$206.52	\$275,36	1/1/2019	12/31/2019	544,70	3,00%	-
Non-Exempt	\$141.81	\$212,71	\$283.62	1/1/2020	12/31/2020	\$46.04	3 0034	
	\$146.06	\$219,10	\$292,13	1/1/202.1	12/31/2021	\$47,42	3,00%	
Jared O'Barr - Assoc, Engineer II	\$132,59	\$198.89	\$265.18	6/1/2018	12/31/2018	\$43,05		Not Applicable
Roadway Design	\$136.57	\$204,85	\$273,14	1/1/2019	12/31/2019	\$44,34	3 00%	
	\$140,67	\$211.00	\$281.33	1/1/2020	12/31/2020	\$45 67	3,00%	
Exempl	\$144.89	\$217,33	\$289,77	1/1/2021	12/31/2021	\$47.04	3.00%	
Cody Long*- Staff Engineer III	\$103.70	\$155.55	\$207.40	6/1/2018	12/31/2018	\$33.67		Not Applicable
Enginee://nspector	\$106.81	5160,22	\$213,63	1/1/2019	12/51/2019	\$34,68	3 00%	
	\$110.02	\$165.03	\$220.03	1/1/2020	12/31/2020	\$35.72	3,00%	
Non-Exempt	\$113.32	\$169.98	\$226,63	1/1/2021	12/31/2021	\$36.79	3 00%	
Bob Brown* Principal Planner	\$148.08	\$222.13	\$296.17	8102/1/9	12/31/2018	\$48.08		Not Applicable
NEPA/CEQA	\$152.53	\$228 79	\$305.05	1/1/2019	12/31/2019	\$49.52	3.00%	
	\$157.10	\$235.65	\$314,20	1/1/2020	12/31/2020	\$51,01	3.00%	
Exempt	\$161.81	\$242.72	\$323,63	1/1/2021	12/51/202i	\$52,54	3,00%	
Stein Coriell* - Assoc, Planner I	\$111.34	\$167,01	\$222 68	6/1/2018	12/31/2018	\$3615		Not Applicable
NEPA/CEQA	\$114.68	\$172.02	\$229.36	1/1/2019	12/31/2019	\$37.23	3.00%	
	\$118.12	\$177.18	\$236.24	1/1/2020	12/31/2020	538.35	3 00%	
Non-Exempt	\$121.66	\$182,50	\$243.33	171/2021	12/51/2021	\$39.50	3,000,E	
William McGoldrick* Construction	\$130.93	\$196.39	\$261.86	6/1/2018	12/31/2018	\$42,51		Not Applicable
Engineer/Inspector	\$134.86	\$202,28	\$269.71	1/1/2019	12/31/2019	\$43.79	3 00%	
Staff Engr II!	\$138.90	5208.35	\$277.80	1/1/2020	12/31/2020	\$45.10	3 50%	
Non-Exempt	\$143.07	\$214,60	\$286,14	1/1/2021	12/31/2021	\$46.45	3.00%	
Jordan Ludke -Construction	\$83,16	\$124.74	\$166.32	6/1/2018	12/31/2018	\$27.00		Not Applicable
Engineer/Inspector	\$85.65	\$128.48	\$171.31	1/1/2019	12/31/2019	\$27,81	3.00%	
Staff Engr 11	\$88.22	\$132.33	\$176.45	1/1/2020	12/31/2020	\$28.64	3 00%	
Non-Exempt	\$90.87	\$136.30	\$181.74	1/1/2021	12/31/2021	\$29.50	3.00%	
Giovanni Vadumo* Assoc Engr.	\$138,66	\$207.99	\$277.32	6/1/2018	12/31/2018	\$45.02		Not Applicable
Geologist II	\$142.82	\$214.23	\$285.64	1/1/2019	12/31/2019	\$26.37	3 00%	
	\$147.10	\$220,65	\$294.21	1/1/2020	12/31/2020	\$47,76	3.00%	
Non-Exempt	51518	\$227.27	£303 03	1777771	12/31/20121	640 10	4000	

John Daily* - Assoc, Geotech	Jeotsch	\$156.52	\$234 78	\$313.04	6/1/2018	12/31/2018	320 87	Sold Applicable
Engi	Engineer III	\$161.22	\$241.83	\$322,44	1/1/2019	12/31/2019	\$52,34	%0D'E
		\$166.05	\$249 08	\$332.11	1/1/2020	12/51/2020	\$53.91	3,00%
Non-Exempt		\$171,04	\$256,55	\$342.07	1/1/2021	12/31/2021	\$55.53	3,00%
Matt Herman** Assoc, Survey III	Survey III	\$143,16	\$214.73	\$286,31	6/1/2018	12/31/2018	\$46,48	Not Applicable
		\$147,45	\$221,18	\$294.90	1/1/2019	12/31/2019	\$47.87	3,019%
		\$151,87	\$227.81	\$303,75	0707/1/1	12/31/2020	\$49.31	3.00%
Ехетрі		\$156.43[	\$234.64	\$312,86	1/1/2021	12/31/2021	\$50.79	3.00%
Eric Ward** -Survey Technici	echnician	\$83,90	\$125.85	\$167.80	6/1/2018	12/31/2018	\$27.24	Not Applicable
Tech II	310	586,41	\$129.62	\$172.83	1/1/2019	12/31/2019	\$28.06	3,00%
	<u> </u>	\$89,01	\$133.51	\$178,01	1/1/2020	12/31/2020	\$28.90	3,00%
Non-Exempt		\$91.68	\$137.52	\$183,35	1/1/2021	12/31/2021	17.628	3.00%
Principal -		\$177,10	\$265.64	\$354.19	6/1/2018	12/31/2018	\$57.50	48 00 to 67 00
Engis	Engineez/Scientist	\$182.41	\$273,61	\$364.82	1/1/2019	12/31/2019	\$59.23	3.00%
Piant	Pianner/Consultant	\$187,88	\$281.82	\$375.75	171/2020	12/31/2020	\$61,00	3.00%
Ехетрі		\$193,52	\$290.28	\$387.04	1/1/2021	12/31/2021	\$62.83	3,00%
Associate III		\$154.00	\$231,00	\$307.99	6/1/2018	12/31/2018	\$50,00	45 00 to 55 50
Engis	Engineer/Scientist	\$158.62	\$237,93	\$317.23	1/1/2019	12/31/2019	\$51.50	3.00%
Piant	Planner/Consultant	\$163,38	\$245.06	\$326,75	1/1/2020	12/31/2020	\$53.05	3,00%
Exempt		\$168.28	\$252.41	\$336,55	1/1/2021	12/31/2021	\$54.64	2.00%
Associate II		\$138.60	\$207,90	277 19442	6/1/2018	12/31/2018	\$45.00	140 00 to 50 00
Engi	Engineer/Scientist	\$142.76	\$214.13	\$285.51	1/1/2019	12/31/2019	\$46.33	3 00%
		\$147.04	\$220,56	\$294.08	17172020	12/31/2920	\$47.74	3 (4:3%)
Non-Exempt		\$15145	\$227.17	\$302.90	1/1/2021	12/31/2021	\$4917	3.00%
Associate [		\$123.20	\$184.80	\$246.40	6/1/2018	12/31/2018	\$40.00	35 00 to 45 00
Engi	Engineer/Scientist	\$126.89	\$190,34	\$253.79	1/1/2019	12/31/2019	\$41.20	3.0008
	Planner/Consultant	\$130.70	\$19605	\$261,40	1/1/2020	12/31/2020	\$42.44	3,00%
Non-Exempt		\$134,62	\$201.93	\$269,24	1/1/2021	12/31/2021	\$43,71	3.00%
Staff III		\$117.04	\$175.56	\$234.08	6/1/2018	12/31/2018	\$38,00	32.00 to 44.60
Engi	Engineer/Scientist	\$120.55	\$180.82	\$241,10	1/1/2019	12/31/2019	53914	3.00%
3		3124.17	2180.22	\$248.33	171/2020	0202/15/21	\$40.31	3.00%
non -Exempt Planner/Consultant	Consultant	\$127.89	\$191.84	\$255.78	1/1/2021	12/31/2021	\$41.52	3,00%
Staff II		\$92.40	\$138.60	\$184.80	6/1/2018	12/31/2018	\$30,00	25 60 to 35 00
Engi	Engineer/Scientist/	\$95.17	\$142.76	\$190.34	1/1/2019	12/31/2019	\$30.90	3,00%
	į	\$98.03	\$147.04	\$196.05	1/1/2020	12/31/2020	\$31,83	3,00%
X-empt	Planner/Consultant	\$100.97	\$151.45	\$201.93	1/1/2021	12/31/2021	\$32,78	3.00%
Stall 1	Communical Columnia	12.003	311550	\$124,00	1777018	12/31/2018	\$25.00	00 05 of 60 07
Ellis.	meen aricalisa	20.00	\$1.10.70	E163 29	1/1/2019	5107/15/71	07,034	2 00.20
Non-Fremmt Planar	PlanariConceiliant	50 VO	124.2.J.	0000000	17170001	0202/18/21	20.026	2,007.6
12		\$100.10	\$150.15	\$200.20	6/1/2018	12/31/2018	\$32.50	130 CO to 35 GO
	Engineer/Scientist	\$103.10	\$154.65	\$206.20	1/1/2019	12/31/2019	\$33.48	3.00%
		\$106 19	\$159.29	\$212.39	1/1/2020	12/31/2020	\$34 48	3.00%
Non-Exempt Planner	Planner/Consultant	\$109.38	\$164.07	\$218.76	1/1/2021	12/31/2021	\$35,51	3.00%
Technician II		\$84.70	\$127.05	\$169,40	6/1/2018	12/31/2018	\$27.50	25.00 to 30.00
Eng	Engineer/Scientist	\$87.24	\$130,86	\$174.48	1/1/2019	12/31/2019	\$28.33	3,00%
		\$89.86	\$134.78	5179.71	1/1/2020	12/31/2020	\$29.17	3.00%
Now Commen Diament	Dlanger! Concentrant	402 55	£138 83	S185 10	171/2021	1000/12/01	570.00	3000 0

January 14, 2015

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Technician I	\$69.30	\$103.95	\$138,601	6/1/2018	12/31/2018	105.003	PA 35 -1 00 00
Engineer/Congentier	671730	6107 04	01 40 10	1 to Monday		2	
THE PROPERTY OF THE PARTY OF TH	9/1/20	In inte	2/47.10	6107/1/1	12/31/2019	\$23,18	3°00°
	\$73.52	\$110.28	\$147.04	1/1/2020	12/31/2020	423.87	28000
Non-Exempt Planner/Consultant	\$75.72	\$113.59	\$151,45	1/1/2021	12/31/2021	65 763	2000
Clerical/Tech Editor	\$77.00	\$115.50	\$154,00	6/1/2018	12/31/2018	00.503	-
	15678	\$118.96	\$158.62	1/1/2019	12/31/2019	\$7.503	2 2000
	\$81.69	\$122.53	\$163.38	1/1/2020	12/31/2020	57.52	5.50.50 5.50.5
Non-Exempt	\$84.14	\$126.21	6169 30	1/1/0001	1001001	70.044	* > -
* 1		State Code A	07.0014	17175051	1450401	327.32	75000
Admin Assign	\$69.30	\$103,95	\$138.60	6/1/2018	12/31/2018	\$22.50	70 00 10 75 00
	\$71.38	\$107.07	\$142.76	1/1/2019	12/31/2019	\$23.18	3 (10%
	\$73.52	\$110.28	\$147.04	1/1/2020	12/31/2020	\$23.87	3 00%
Non-Exempt	\$75,72	\$113.59	\$151.45	17170071	12/21/2001	02.000	2000

Exhibit 10-H2 Cost Proposal

### EXHIBIT 10-H COST PROPOSAL Page 2 of 2 SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)

Consultant SHN	☐ Prime Consultant	X Subconsultant		
Project No. <u>DPW2018-005</u>	Contract No.		ate	9/18/2018

	THER DIRECT COST IT		I LINE SOCI	1	FOE(:
DESCRIPTION OF ITEMS	QUANTITY	UNIT	UNIT COST	-	TOTAL
Special Tooling				-	
A. Drilling	2	\$10,000/site	at cost	\$	20,000.00
B. Laboratory testing	2	\$2,500/site	at cost	\$	5,000.00
Travel				193	
A. Mileage (personal, companγ)					
B. Vehicle	50 trips/40 mi	mile	at IRS rate (\$0.545)	\$	1,090.00
C. Tolls		per toll	at cost	NA.	
D. Parking			at cost		
E. Rental Vehicle and Gas			at cost		
F. Lodging			at cost		
G. Meals			at cost	100	
H. Related Incidentals			at cost	\$	
E. Rental Vehicle and Gas					
Survey					
F. GPS Station	10	day*	\$ 300.00	\$	3,000.00
G. Level		day*	\$ 25.00	\$	
H. Resource GPS		day*	\$ 150.00	\$	
. Robotic Total Station	10	day	\$ 200,00	\$	2,000.00
I. Total Station		hour	\$ 7.50	\$ .	
C. Total Station w/Data Collector	0.	day	\$ 100.00	\$	3.555
Toughbook		day*	\$ 150.00	\$	
M. Trimble GeoXT GPS Unit		day*	\$ 150.00	\$	
aboratory Tests					
N. Asphalt Briquette Compaction		each <sup>(1)</sup>	\$50.00	\$	14.16
D. Asphalt Bulk Specific Gravity	The second secon	each	\$30.00	\$	
P. Asphalt Content by Nuclear Method		test	\$75.00	\$	3520 L 3
2. Asphalt Content Gauge Calibration		each	\$200.00	\$	Short A
R. Asphalt Extraction (% Bitumen)			On Request		
. Asphalt (Hveem) Mix Design			On Request		
T. Brass Tube (Liner)		each	\$5.00	\$	
J. Cleanness Value (CT 227)		each	\$75.00	\$	
Compaction Curves (ASTM D 1557 or Caltrans CT216):		COCH	773.00	E B	
		each	\$200.00	\$	
		each	\$200.00	\$	
			\$75.00	TOTAL CONTRACTOR	
Check Point		each each <sup>(2)</sup>	\$25.00	\$	
Concrete Compressive Strength (CT 521 or ASTM C39)				-	
. Concrete Linear Shrinkage (3 Bars)		3 bars test (floor		\$	
A. Concrete Moisture		test)		\$	
B. Consolidation Test		each	\$300.00	\$	*
irect Shear, per point: (ASTM D3080)				\$ A	
C. Consolidated-Drained (CD)		point		\$	
D. Unconsolidated-Undrained (UU) (Modified ASTM)		point		\$	
E. Consolidated-Undrained (CU) (Modified ASTM)		point	\$130,00	\$	

TOTAL				\$	35,240,00
ZZZ. Vehicles		day	\$50.00	\$	
YYY. Stakes, hubs, lath, etc.	1	Cost	Cost		
XXX. Copies	2000	each	\$0.15	\$	300.00
WWW. CADD plots (color)	1	each	\$20.00	\$	
VVV. Cadd plots (black & white)	150	each	\$4.00	\$	600.00
Direct Charges:	-			3602	
UUU. Compaction Curve	10	test	\$200.00	\$	2,000.00
TTT. Nuclear Density Testing (2-hr min)	50	hr	\$25.00	\$	1,250.00
SSS. Unit Weight of Lightweight Concrete		unit	\$50.00	\$	
RRR. Unconfined Compression		each	\$65.00	\$	-
QQQ. USDA Textural Suitability Test		each	\$60.00	\$	100
PPP. USDA Bulk Density Test		each	\$30,00	\$	
OOO. Consolidated Drained (TXCD-3 stage) (ACOE)		test	\$860.00	\$	•
NNN. Consolidated Undrained (TXCU-3 stage) (ASTM D4767)		test	\$810.00	\$	
MMM. Consolidated Drained (TXCD) (ACOE)		point	\$500.00	\$	-
LLL. Consolidated Undrained (TXCU) (ASTM D4767)		point	\$385.00	\$	7 9 W 5 W 5
KKK. Unconsolidated Undrained (TXUU) (ASTM D2850)		point	\$115.00	\$	# 1 Page 1
Triaxial Compression			A		
JJJ. Swell Test		point	\$55.00	\$	
III. Sulfate Soundness		cycle	\$80.00	\$	1034
HHH. Stabilometer of Premixed AC		each	\$75.00	\$	
GGG. Specific Gravity, Rock		each	\$45.00	\$	*
FFF. Sieve AnalysisPassing 200		each	\$45.00	\$	
EEE. Sieve AnalysisFine		each	\$60.00	\$	
DDD. Sieve AnalysisCoarse		each	\$50.00	\$	
CCC. Sawing Rocks and Concrete Cores		unit	\$30.00	\$	
BBB. Sand Equivalent		each	\$50.00	\$	
AAA. Rice Specific Gravity of Asphalt (ASTM D2041)		each	\$75.00	\$	
ZZ. R-Value		each	\$300.00	\$	3-1
YY. Plasticity Index		each	\$150.00	\$	
XX. Plastic Limit		each	\$50.00	\$	
WW. Percent Organics		each	\$50.00	\$	
VV. Percent Entrained Air In Concrete		each	\$10.00	\$	•
UU. Percent Crushed Particles		each	\$125.00	\$	
TT. Particle Size Analysis (ASTM 422)		each	\$115.00	\$	Levelle (
SS. Moisture-Density Test		each	\$30.00	\$	1 333 (4)
RR. Moisture Content		each	\$20.00	\$	•
QQ. Masonry Core Shear Test		core	\$50.00	\$	TIME STATE
PP. Masonry Block Prism Compressive Strength		each	\$125,00	\$	
OO. Masonry Block Linear Shrinkage		each	\$85.00	\$	10
NN. Masonry Block Compressive Strength		each	\$65.00	\$	-
MM. Liquid Limit		each	\$100.00	\$	
LL. LA Rattler (abrasion resistance)		test	\$200.00	\$	
KK. Grout Compressive Strength		each	\$40.00	\$	
JJ. Fireproofing Density		each	\$50.00	\$	1.00 A
II. Expansion Index		test	\$175.00	\$	district to
HH. Durability Index		each	\$75.00	\$	dia in
GG. Disposable Concrete Molds		each	\$2.00	\$	
FF. Additional cycles (each)		each	\$65,00	\$	* * * * * * * * * * * * * * * * * * *
LACAT 71353MILE 7 10524 LE TITULO					

NOTES:
1. List other direct cost items with estimated costs, these costs should be competitive in their respective industries and supported with appropriate documentation
2. Proposed ODC Items should be consistently billed regardless of client and contract type.

- 3. Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
- 4. Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
- 5. Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
- 6. Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.
- If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition,
  the miles claimed should be supported by mileage logs.
- 8. If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
- 9. The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
- Add additional pages if necessary.
- 11. Subconsultants must provide their own cost proposals.
- 12. All samples of soll or rock from physical testing are discarded 30 days after submission of final report unless prior arrangements are made. Samples of soil or rock submitted for testing for hazardous substances will be returned to the Client, who is responsible for proper disposal.
- 13. This fee schedule is subject to review and adjustment, as required.
- 14. Certain services may require prevailing wages or overtime at premium pay to SHN employees. In such circumstances, fees will be adjusted to reflect increased labor costs.
- \* 1/2 Day Minimum Charge.
- (1) If asphalt is delivered to SHN lab unmixed, add \$75.00/ea. for processing and mixing per Caltrans CT304.
- I(2) f concrete is sampled and delivered to SHN lab by outside contractor, add \$5.00/ea. for processing and curing per ASTM C-31.

#### 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:

- 7. Generally Accepted Accounting Principles (GAAP)
- 8. Terms and conditions of the contract

Prime Consultant or Subconsultant Certifying:

- 9. Title 23 United States Code Section 112 Letting of Contracts
- 10. 48 Code of Federal Regulations Part 31 Contract Cost Principles and Procedures
- 11. 23 Code of Federal Regulations Part 172 Procurement, Management, and Administration of Engineering and Design Related Service
- 12. 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.

Name: Brenda Sigler	Title *: CFO		
Signature: The Carlo	Date of Certifica	tion (mm/dd/yy	yy): 9/18/18
Email: bsigler@shn=engr.com	Phone Number: _	707-441-8	3855
Address: 812 W. wabash Eureka Ca			
no lower than a Vice President or a Chief Fina the financial information utilized to establish the List services the consultant is providing under the property.	he cost proposal for t		
engineering/design, environmental, construct surveying.	tion management	/inspections,	geotechnical and
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EXHIBIT 10-H4 COST PROPOSAL FOR CONTRACTS WITH PREVAILING WAGES

ACTUAL COST TO THE PROPERTY OF THE PROPERTY O

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# DPW2018-005 On-Call Professional Design Engineering and/or Environmental Services

#### Summary of Cost Proposal Participation Amounts of Prime Consultant and Subconsultants Dated: October 1, 2018

Consultant	Participation Amount
GHD Inc.	\$1,648,992.02
Biggs Cardosa	\$250,000.00
Crawford	\$200,000.00
Ghirardelli	\$300,000.00
Points West	\$100,000.00
SHN	\$400,000.00
Stantec	\$300,000.00
DZC	\$50,000.00
WRA	\$50,000.00
Morrison	\$200,000.00

Total	\$3,498,992.02
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Date: September 2018 Parlidipation Amount: \$300,000 10% Combined % 168 49% Specific Rate of Compensation - Humboldt County DPW On-Call Storm Damage General Administration % 82 97% Subconsultant Contract No. Overhead % 314496 % HIL Stantec Consulting Services Inc. Project No. DPW2018-005 Fringe Benefit % \$4.08% Combined Indirect Cost Rare (ICR) Note: Mark-ups are Not Allowed BILLING INFORMATION Consultant

Billing Level

Strategies										
Wit Lamble/Principal   Stringel   OTION   Tront   Tront   Stringel   OTION   Tront   Stringel   S	(J#2)	Naroeilob Title/Classification	flo.	rdy Billing Ran	in the	Effective Date of Mouth	Billing Rates	Actual or Average Hourly Rate	% Amnual Increase	Hourly Range - for Classifications Only
With Landing Physicipal   \$509.25   \$100.000   \$100.000   \$200.0			Straight	OT(1,5x)	OT(2x)	From	Te		65	
State   Stat		Wirt Lanning "/Principal	\$198.26	\$198.26	\$198.26	1772018	12/31/2018	61 1798	761	
\$21.05   \$21			\$204,21	\$204.21		171/2019	17/31/2019	P1 093	707	
State   Stat			\$210.34	\$210.34			12/31/2620	66165	20%	
Regulatory Pennitring    \$177.649   \$127.34   \$127.34   \$17.749   \$17.7010			\$216.65	\$216,65			12891861	75.260	207	
Regulatory Pennified   S176.49   S182.40   S	10		\$223.14	\$223.14			12/31/2022	275 56	20.5	
Section   Sect		Mark Whestehube"/Principal	\$176.49	8176,49	\$176.49		12/31/2018	559.76	300	
Sign 24   Sign 24   Li 1/202   Li 2/202   Sign 24   Li 1/202   Li 2/202   Sign 25   Sign 24   Li 1/202   Li 2/202   Sign 25   Sign 25   Li 1/202   Sign 25   Sign 25   Li 1/202   Sign 25   Sign 25   Li 1/202   Sign 25   Sign 25   Sign 25   Li 1/202   Sign 25   Sign		( Service of Constitution )	5181.79	\$181.79	\$181.79		12/31/2019	SK1 55	795	
Sign Section   1/1/202   1/2/102			\$187.24	\$187.24			12/31/2070	OC 200	207	
Science   Conint MacGregor*/CEQA   1/12022   1/12012   1/25/12012   560,246   2.54     Recources   St. 120   St. 1			\$192.86	\$192,86		11/2021/1	12/31/2021	05.505	705	
No.   Machine Principal (Aquatic \$2.05.97 \$210.53   \$110.01   \$117.019   \$12.01.2012 \$59.14   \$17.000   \$12.01.2012 \$59.14   \$17.000   \$12.01.2012 \$59.14   \$17.000   \$12.01.2012 \$59.14   \$17.000   \$12.01.2012 \$59.14   \$17.000   \$12.01.2012 \$59.14   \$17.000   \$12.01.2012 \$59.14   \$17.000   \$12.01.2012 \$59.14   \$17.000   \$12.01.2012 \$59.14   \$17.000   \$12.01.2012 \$59.14   \$17.000   \$12.01.2012 \$59.14   \$17.000   \$12.01.2012 \$59.14   \$17.000   \$12.01.2012 \$59.14   \$17.000   \$12.01.2012 \$59.14   \$17.000   \$12.01.2012 \$59.14   \$17.000   \$17.00	iot.		\$198,65	59,8912			12/31/2022	267.26		
S212.15   S212.15   S112.16   L172.020   L2317.020   S17.599   S75.599   S		Neith Marine*/Principal (Aquatic Resources)	\$205.97	\$205.97	\$205,97		12/31/2018	869,74		
\$218.51 \$218.52			\$212.15	\$212.15			12/31/2019	E8 177	7, 0, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	
State			15.8128	\$218.51			12/51/2020	575 69	Sat Sat	
Coninic MacGregor**/CEQA.  S107.41 S107.41 IN 2018 12312022 S78.49 S78.  NEPA, and Permitting Task Leader/Project Manager S112.66 S112.66 S112.66 IN 2010 12312020 S78.43 S78.  S112.96 S112.96 S112.96 IN 2010 12312020 S78.58 S78.  Stooler Principal S110.20 S102.02 IN 2010 12312020 S78.13 S78.  S110.20 S102.02 S102.02 IN 2010 S78.13 S78.  S110.20 S102.02 S102.02 IN 2010 S78.13 S78.  S110.20 S110.20 S110.20 S110.20 S78.13 S78.  S110.20 S110.20 S110.20 S78.13 S78.  S110.20 S110.20 S110.20 S78.13 S78.  S110.20 S110.20 S110.20 S78.20 S78.30 S78.  S110.20 S110.20 S78.20 S78.30 S78.30 S78.  S110.20 S110.20 S78.20 S78.30 S78			\$225.07	\$225.67			12/31/2021	576.21	20%	
Comin MacCregor*CCQAA   S107.41   S107.41   M12018   12.51.2018   S26.57   3%	D\$		\$231.82	\$231.82			12/31/2022	\$78.49	100	
Fig. 2		Connie MacGregor*/CEQA.	\$107,41	\$107,41			12/31/2018		3%	
S110.64   S110.64   S110.64   I/1.2010   12.51/2021   S35.46   S95.		Leader/Project Manager								
\$113.96         \$113.96         \$113.90         \$113.00         \$28.52         \$38.58         \$38.58           \$117.38         \$117.38         \$117.38         \$117.20         \$25.74         \$39.7         \$39.5           \$12.09.05         \$12.09         \$12.00         \$12.00         \$20.33         \$20.33         \$38.6         \$39.6           \$10.00 bits         \$10.00 bits         \$10.00 bits         \$10.00 bits         \$10.00 bits         \$23.16         \$39.6 <td></td> <td>į.</td> <td>\$110.64</td> <td>\$110.64</td> <td></td> <td></td> <td>12/31/2019</td> <td></td> <td></td> <td></td>		į.	\$110.64	\$110.64			12/31/2019			
S112.36   S117.38   S117.30   S117			\$113.96	\$15.96		1/1/2020	12/31/2020			
Xurt Batibridge*/Associate         \$120.90         \$120.90         \$120.90         \$17.002         \$17.002         \$17.002         \$17.002         \$17.002         \$17.002         \$17.002         \$17.002         \$17.002         \$17.003         \$17.			\$117.38	\$117.38		171/2021	12/51/2021			
Kurl Beinbridge*/Associate         507,53         597,93         1/12018         12/51/2018         533,16         3%           Biologist         \$100,87	10		\$120 90	\$120.90			12/31/2022			
Sti00 87         \$100.80         \$100.80         <		Nurl Beinbridge "Associate	597.93	125,778			12/51/2018			
Senior Principal   S102.90   S103.90   U12220   L2512202   S55.18   S76.     S107.02   S107.02   L17.202   L2512202   S55.23   S76.     Engineer/Scientist			\$100.87	\$100.87	\$100.87	210011	010535701			
Serior Principal         \$107.02         \$107.02         \$17.202         \$251.2021         \$55.23         \$56           Engineer/Scientisty         Funcipal         \$110.23         \$110.23         \$110.23         \$17.2022         \$27.3120         \$55.13         \$76         \$57.51         \$75         \$27.51         \$75         \$75.11         \$75         \$75.11         \$75         \$			\$103.90	\$103,90		171/2020	12/31/2020			
Sanot Principal   Silo 25   Silo 2			\$107.02	\$107,02		1/1/2021	12/3 1/2021			
Scholor Principal         Social to Principal	ນລຸວ		\$110.23	\$110.23			12/31/2022			
Figure   F		Senior Principal				171/2018	12/31/2018			12,782
Plumer/Consultant         1/1/2021         1/2022         1/2022         3100.92         3%         592.84         10           Principal         1/1/2022         1/2/2021         1/2/2021         3/2/1/2019         3%         592.84         10         595.62         10         10         595.62         10         1		Engineer/Scientist				1/1/2019	12/31/2019			X90,14 to
		Planner/Consultant				171/2020	12/51/2020		360	\$92.84 to
						1772021	12/31/2021	\$103.95	100	\$95,62 to
Principal         1/1/2018         1/2/2019         1/2/2019         381,14         3%         574,77 to 374,77 to 374,	101					1/1/2023	12/31/2022		3%	S98,49 to
Engineer/Scientist		Principal				1/1/2018	12/31/2018			574,77
Planuer/Consultant		Engineer/Scientist/				1/1/2019	12/31/2019			\$77.01 to
		Planner:Consultant				1/1/2020	12/31/2020			\$79,32 10
1/1/2022 12/3/1/2021 591.32 596						1/1/2021				
	101	1				171/2022				

	Name/Job Title/Classification	Ï	Hourly Billing Rates?	e, s	Effective Date of Hourly Silling Rates	/ Billing Rates	Actual or Average Hourly Rate	% Armeal Increase	Hourly Range - for Classifications Only	्रीया ज्याद
		Straight	(x2,1,5r0	OT(2x)	From	To		100 81		
	Senior Associate II				1/1/2019	12/31/2019	\$71.85			00
	Engineer Scientist				(71/2020)	12/31/2020	174.01	200	\$68.70	100
Exempl	ramer consultant				177/2021	12/3 [/2021]	\$76.23		\$70.77 to	69
	Peincinal				1/1/2023	12/31/2022	578.52	000	\$72.89	35
	Senior Associate [				1/1/2018	12/51/2018	\$50.63		\$56.51 to	7.5
	Espineer/Noientist				610277	12:3 (/2019)				69
	Planner/Consultan				1/1/2020			350	\$59,95	59
Exempt	7.00				171/2021	12/31/2021	\$66.25		\$61,75 to	32
	Associate III				17172010				\$63,60 to	80
	Engineer/Scientist/				1070701	1		3%		05
	Planner/Consultant				100000111	1231/2019	CP 755		0	07
					1712021	12/21/12/21			0	0.
Exempt				Ī	CEUCIE)	1202/15/20			\$53.83 to	74
	Associate II				\$10001	2202015021		8,55	555,44 10	55
	Engineer/Scientist				171/2019	12/31/2019	S47.64		843.26	573
	Planner/Consultant				NV20201	12/31/2020	\$49.07		1 5	3.6
					1172021	1231/2021	550,54		C47.55	K2 K2
EXEMPL					17112022	12/31/2022	\$52.06		\$48.69 to	43
	Associate				1/1/2018	12/31/2018			\$38,26 to	25
	Engineer/Scientist				1712019	12/31/2019			\$39,41 10	\$5
	rlanbert_guspilant				171/2020	12/31/2020			\$40,59 to \$45.88	88
Exempl/Non-exempt					17.70217	12/51/2021	\$44.53	39%	S41.81 to S47	5
	StaffIII				8102/1/4	12/31/2022	262.83	0,00	\$43,06 to	89
	Engineer/Scientist:				1/1/2019	12/31/2019	\$5.000 \$77.34			07
	Planner/Consultant				17172020	12/31/2020	\$38.46	620	\$36,35 to	W. W.
And the second s	G.				1/1/2021	12/31/2021			\$37,44 to	.80
EACH OF THE SECOND	11,51=43				1/1/2022	12/31/2022		354	\$38,56 to \$43	\$07
	Total Section State of Section 1				8102017	12/31/2018			\$30.76 to	2.5
	Planter/Consultant				1000011	91.02/15/21 PEDS/15/21		3%	\$31.68	200
					1/1/202/1/1	15/07/16/51			007700	5.5
Exempt/Non-exempt					1/1/2022	12/31/2022	85 988		\$33,01 to \$3,45	200
	Staff I				171/2018	12/31/2018			C 25 35 50	1
	Engineer/Scientist/				FF2019	12/31/2019	\$1.052	30%	\$28.59	69
	Planner/Consultant				0202/1/1	12/31/2020	\$31.05		\$29.45 to	64
					1/1/2021	12/31/2021	\$5,158	3%2	\$30,33 to \$33	25
cxempulyan-exempt	The section of the				1/1/2022	12/3 1/2022	832.94		\$31.24	63
	Tabalassan Calendar				171,2018	12/3//2018	\$26.38	250	- 1	un l
	Planner Consultant				111.20171	000001001	327.17		\$25.76 to	\$28.58
					1/1/2020	12/21/2020	27,99		526,53	1
Exempt/Non-exempt					CC0C101		079767		527.33 10	3 6
9	Techniena II				171/2018	12/31/2018	20.28	765	\$29, 13, 10 \$37, \$1, 15	C2 C 000
500	Engineer/Scientist/				171/2019	12/31/2019	524.47		\$33.19 to	\$75.75
	Planner/Consultant				171/2020	12/31/2020	\$25.20	3%t	\$23,88 to \$26,	1,52
					1202121	12/31/2021	525.96		\$24,60 to	\$27,32
Non-exempt	6				21/201/1	12/31/2022	\$26.74		\$25.34 to	받
	Foundary Scientists				1/1/2018	2/31/2018			\$20.01 to	\$22.50
	Planer/Consultant	-			31024171	12/21/2019	321.03		520,01 10	100
					1/1/2021	12/31/2021	523.23	1900	CO   87 (m)	US PCS
Non-exempt					1/1/2022	12/31/2022	\$23.92		S22.52 to	32
**										

Billing Level

Nati	Name!Job Title/Classification	Ĥ	Hourly Billing Rates <sup>2</sup>	les-	Effective Date of Hourly Billing Rates	Billing Rates	Actual or Average Hourly Rate	% Annusl Increase	Hourly Range - for Classifications Only
		Straight	OT(1,5x)	OT(2x)	From	To		39.5	
					1/1/2019	12/31/2019	\$41.98	30%	SALAS OF LA DES
					1/1/2020	12/51/2020	543.24		\$40 50 to \$45 90
					1/1/2021	12/31/2021	\$44.53		S41 81 to 545 76
empt Non-exempt					1/1/2022	12/31/2022	545.87		\$43.06 10 \$45.69
Admin	Administrative Assistant				1/1/2018	12/31/2018	\$22.00		\$9.00 to \$35.00
					1/1/2019	12/51/2019	\$72.00		S9 00 to S35 00
					1/1/2020	12/31/2020	22,00	3.67	C6 00 to \$35 00
the sections assured to					1/1/2021	12/31/2021	\$22.00	3%.	S9.00 to \$35.00
on-exempt					1/1/2022	12/31/2022	\$22.00		00/555 OI 00 03

# 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,

Billing rate = actual hourly rate \* (1+ ICR) \* (1+ Fee). 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. All costs must comply with the Federal cost principles for reimbursement.
 For named employees and key personnel enter the actual hourly rate. For dessifications only, enter the Average Hourly Rate for that classification.



# Exhibit 10-H2 Cost Proposal Specific Rate of Compensation

Consultant: Stantec Consulting Services Inc.

Subconsultant

	SCHEDULE OF OTHER DIRECT COST ITEMS	T COST ITEMS	
DESCRIPTION OF ITEMS	TINO	UNIT COST	TOTAL
Special Tooling			100
A. GPS	20	\$100.00	\$ 2 000 00
B. Drilling		at cost	
C. Laboratory Testing		at cost	
D. Records Search Fees	88	at cost (\$500)	\$ 4,000,00
			1 1
Travel			
A. Mileage (personal, company)	25 trips/300 miles + 7,500	at IRS rate (\$0.545)	\$4.087.50
B. Tolis	per toll	at cost	
C. Parking		at cost	
D. Rental Vehicle and Gas		at cost	\$1,000
E. Lodging		at cost	\$2.500
F. Meals		at cost	\$ 1.500.00
G. Related Incidentals		at cost	1
Document Production			
A. Color: 8 1/2 x 11 / 11 x 17 (internal)	page	\$0.25 / \$0.50	\$ 1,250.00
B. Color: 8 1/2 x 11 / 11 x 17 (internal)	page	\$0.05 / \$0.10	\$ 750,00
C. Printing (outside services)		at cost	\$ 5,000.00
D. Postage/Shipping		at cost	\$1,000

# NOTES:

<sup>1.</sup> List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.

<sup>2.</sup> Proposed ODC items should be consistently billed regardless of client and contract type.

<sup>3.</sup> Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.

<sup>4.</sup> Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).

- 5. Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost
- Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules. Local Assistance Procedures
  Manual EXHIBIT 10-H2 Cost Proposal Page 6 of 9 January 2018
- 7. If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported
  - 8. If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose. by mileage logs.
    - 9. The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
      - 10. Add additional pages if necessary.
- 11. Subconsultants must provide their own cost proposals,
- 12. Total are just gross estimates since actual scope of services have not been defined. Mark-ups are Not Allowed.

#### **Certification of Direct Costs:**

l, 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:

- 7. Generally Accepted Accounting Principles (GAAP)
- 8. Terms and conditions of the contract

Prime Consultant or Subconsultant Certifying:

- 9. Title 23 United States Code Section 112 Letting of Contracts
- 10. 48 Code of Federal Regulations Part 31 Contract Cost Principles and Procedures
- 11. 23 Code of Federal Regulations Part 172 Procurement, Management, and Administration of Engineering and Design Related Service
- 12. 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.

Title \*: Senior Vice President

Signature:	Bate of Confinedation (Mini doly)
<sub>Email:</sub> jim.grasty@stantec.com	Phone Number: 916-607-1536
Address: 555 Capitol Mall, Suite 65	0, Sacramento, CA 95814
Environmental	Josef Contract.

# DPW2018-005 On-Call Professional Design Engineering and/or Environmental Services

# Summary of Cost Proposal Participation Amounts of Prime Consultant and Subconsultants Dated: October 1, 2018

Consultant	Participation Amount
GHD Inc.	\$1,648,992.02
Biggs Cardosa	\$250,000.00
Crawford	\$200,000.00
Ghirardelli	\$300,000.00
Points West	\$100,000.00
SHN	\$400,000.00
Stantec	\$300,000.00
DZC	\$50,000.00
WRA	\$50,000.00
Morrison	\$200,000.00

	00 400 000 00
Total	\$3,498,992.02

Local Assistance Procedures Manual

Local Assitance Procedure Manual

EXHIBIT 10-H2 COST PROPOSAL Page 1 of 2 SPECIFIC RATE OF COMPENSATION

Cost Proposal Exhibit 10-H2

Note: Mark-ups are Not Allowed

10/8/2018		110.00% Combined Indirect Cost Rate (ICR) %	10%	Hourly range - for	classifications only	50-103			40-60			23-40		
Date	S 50,000,00	110.00% Combined Indirect	FEE % " CALCULATION INFORMATION	% or S increase			3 00%			3,00%			3 00%	
ant	Participation Amount S	11	ALCUTATION	Effective date of hourly rate   Actual or Avg.	hourly rate	\$50.00	\$51.50	\$53.05	\$43.00	\$44.29	\$45.62	\$32,00	\$32.96	\$33.95
X Subconsultant	Part	0% General Administration %	O	ite of hourly rate	To	12/31/2018	12/31/2019	12/30/2020	12/30/2018	12/31/2019	12/30/2020	12/30/2018	12/31/2019	12/30/2020
sultant		0% General Adm		Effective da	From	1/1/2018	1/1/2019	1/1/2020	1/1/2018	1/1/2019	1/1/2020	1/1/2018	1/1/2019	1/1/2020
☐ Prime Consultant	Contract No.	+			OT(1.5x)	\$231,00	\$237.93	\$245.07	\$198.66	\$204 62	\$210.76	\$147.84	\$152.28	\$156.84
		110.00% Overhead %	Z	Hourly Billing Rates	)LO	\$173.25	\$178.45	\$183.80	\$149.00	\$153.46	\$158.07	\$110.88	\$114.21	\$117.63
Consultant DAZC Archaeology	Project No. DPW2018-005	+	BILLING INFORMATION	Hour	Straight <sup>3</sup>	\$115.50	\$118.97	\$122.53	\$56.33	\$102.31	\$105.38	\$73.92	\$76.14	\$78.42
Consultant	Project No.		BILLING	lassification (		_	12+ yrs exp		H	10+ years exp		pard	5-10 years exp	
		0.0% Fringe Benefit %	-	Name/Job Title/Classification		Principal Investigator	12		Staff Archaeologist III	01		Staff Archaeologist II	4	

15-28

3.00%

\$28.00 \$28.84 \$29.71

12/31/2019

1/1/2018 1/1/2019 1/1/2020 1/1/2019

\$99.93

\$97.02 \$102.93

\$64.68

1-4 years exp

Staff Archaeologist I

12/30/2020 12/30/2018 12/30/2020 12/30/2018 12/30/2020

3.00% 3.00%

\$38.00 \$39.14

12/31/2019

1/1/2020

\$186,25

\$139.69

1/1/2018

\$137.24 \$175.56 \$180.83 \$133.24 \$129.36

\$131.67

\$68.62 \$87.78 \$90.41 \$93.13

GIS Specilaist & Clerical Admin

\$40.31

All costs must comply with the Federal cost principles. Subconsulants will provide their own cost proposals.
 The cost proposal format shall not be amended.

<sup>3.</sup> Billing rate = actual hourly rate = (1+ [CR) \* (1+ Fce). Indirect cost rates should be based on the consultant's annual accounting period, established by a cognizant agency or accepted by Calizans. All costs must comply with the Federal cost principles for reimbursement.

<sup>4.</sup> For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification

Local Assitance Procedure Manual

EXHIBIT 10-H COST PROPOSAL Page 2 of 2

Cost Proposal Exhibit 10-H2

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)

Con
Prime
DZC Archaeology
Consultant

sultant

Contract No.

Project No. DPW2018-005

X Subconsultant

22-Aug-18 Date SCHEDIILE OF OTHER DIRECT COST ITEMS

COST ILENS	A DINECT COST	II EMIS		
DESCRIPTION OF ITEMS	QUANTITY	TINU	UNIT COST	TOTAL
Mileage Costs	Jun-	ner mile	\$ 0 55	\$0.5
Per Diem (meals, lodging, incidentals)		nor Cotrans ration	, u	00.00
State Archives Record Search		המושווט ושונים	3 6	20.00
4 x 4 Vehicle	1	per nour		\$150.00
777 Yellicie	_	per day	\$ 35.00	\$35.00
Sub-meter accuracy survey unit (Trimble/Bad Elf)	1	per day	\$ 85.00	\$85.00
1-5 meter accuracy survey unit (Garmin/Avenza)		per day	\$ 7.50	\$7.50
Archaeological Field test Kit (shovels, screens etc)	1	per day	\$ 25,00	\$25.00
Project specific consumables - excludes office	1			20 00
Color Graphics - 33 x 44		Der Dage		00.88
Color Graphics - 8.5 x 11	_	ner nage		00.00
Color Graphics - 8.5 x 14	-			00:10
	-	per page	S 1.25	\$1.25
Color Graphics - 11 x I./	1	per page	\$ 2.00	\$2.00
B & W graphics - 8.5 x 11	-	per page	0.50	SO SO
B & W graphics - 11 x 17	1	per page		\$1.00
B & W graphics				00.09
Subconsultant 1;				00,04
Subconsultant 2:				00.00
Subconsultant 3:		***************************************		\$0.00
Subconsultant 4:				
Subconsultant 5:				

## NOTES:

- 1. List other direct cost items with estimated costs, These costs should be competitive in their respective industries and supported with appropriate documentation.
  - Proposed ODC items should be consistently billed regardless of client and contract type.
- Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the everthead rate,
  - Teams such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice)
- Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
- Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.
- If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs.
  - If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their centracts and that they do not own any vehicles that could be used for the same purpose.
    - The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
      - Add additional pages if necessary,
- Subconsultants must provide their own cost proposals.

#### 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:

- 7. Generally Accepted Accounting Principles (GAAP)
- 8. Terms and conditions of the contract
- 9. Title 23 United States Code Section 112 Letting of Contracts
- 10. 48 Code of Federal Regulations Part 31 Contract Cost Principles and Procedures
- 11. 23 Code of Federal Regulations Part 172 Procurement, Management, and Administration of Engineering and Design Related Service
- 12. 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.

Prime Consultant or Subconsultant Certifying:	
Name: Dimitra Zalarvis-Chase	Title *: Owner/Principal
Signature:  Dimitra Zalarvis-Chase Chase Date: 2018.10.09 17:01:05 -07'00'	Date of Certification (mm/dd/yyyy): 10/9/2018
Email: dimitrazc@gmail.com	Phone Number: 707-599-9842
Address: 455   Street, Suite 204, Arc	ata, CA 95521
Cultural Resource Investigations	* * * * * * * * * * * * * * * * * * * *

# DPW2018-005 On-Call Professional Design Engineering and/or Environmental Services

# Summary of Cost Proposal Participation Amounts of Prime Consultant and Subconsultants Dated: October 1, 2018

Consultant  GHD Inc.  Biggs Cardosa  Crawford  Ghirardelli  Points West	Participation							
	Amount							
GHD Inc.	\$1,648,992.02							
Biggs Cardosa	\$250,000.00							
Crawford	\$200,000.00 \$300,000.00 \$100,000.00 \$400,000.00							
Ghirardelli								
Points West								
SHN								
Stantec	\$300,000.00							
DZC	\$50,000.00							
WRA	\$50,000.00							
Morrison	\$200,000.00							

Total	¢3 /08 002 02
Total	\$3,498,992.02

Exhibit 10-H2 Cost Proposal

Local Assistance Procedures Manual

Local Assitance Procedure Manual

EXHIBIT 10-H2 COST PROPOSAL Page | of 2 SPECIFIC RATE OF COMPENSATION

Note: Mark-ups are Not Allowed

6-Sep-18		110.00% Combined Indirect Cost Rate (ICR) %	70%		Hourly range - for	classifications only	Not Applicable			Not Applicable			Not Applicable								
Date	\$ 50,000.00	110.00% Combined Indirect	= % ਰਰਬ	CALCULATION INFORMATION	% or S increase			4.00%	4.00%		4,00%			4,00%	4,00%		0.00%	0.00%		0.00%	0.00%
unt	Participation Amount S	11		ALCULATION I	Effective date of hourly rate   Actual or Avg.	hourly rate"	\$65.00	\$67.60	\$70,30	\$40,00	\$41.60	\$43,26	\$28.00	\$29.12	\$30.28	\$0.00	\$0.00	\$0.00	\$0,00	\$0,00	\$0.00
X Subconsultant	Parti	0% General Administration %		Ö	te of hourly rate	To	6/30/2019	6/30/2020	6/30/2021	6/30/2019	6/30/2020	6/30/2021	6/30/2019	6/30/2020	6/30/2021	6/30/2019	6/30/2020	6/30/2021	6/30/2019	6/30/2020	6/30/2021
sultant		0% General Adm			Effective da	From	7/1/2018	7/1/2019	7/1/2020	7/1/2018	7/1/2019	7/1/2020	7/1/2018	7/1/2019	7/1/2020	7/1/2018	7/1/2019	7/1/2020	7/1/2018	7/1/2019	7/1/2020
☐ Prime Consultant	Confract No.	+	20		7.5	OT(1.5x)	\$300,30	\$312.31	\$324,80	\$184,80	\$192,19	\$199.88	\$129,36	\$134.53	\$139.92	\$0.00	\$0,00	80.00	20.00	20.00	20 00
- 1		110.00% Overhead %		Z	Hourly Billing Rates2	TO	\$225.23	\$234.23	\$243.60	\$138.60	\$144.14	\$149.91	\$97.02	\$100.90	\$104.94	\$0.00	\$0.00	\$0.00	\$0.00	\$0,00	\$0.00
Consultant William Rich and Associates	Project No. DPW2018-005	4-		NG INFORMATION	Hou	Straight	\$150.15	\$156.16	\$162.40	\$92.40	\$96.10	\$99.94	\$64.68	267.27	\$69.96	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Consultant	Project No.	0.0% Fringe Benefit %		BILLING	Name/Job Title/Classification		William Rich- Principal Investigator	4		Research Associate			Research Assistant								

All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
 The cost proposal format shall not be amended.

<sup>3.</sup> Billing rate = actual hourly rate \* (1+ ICR) \* (1+ Fee). Indirect cost rates should be based on the consultant's annual accounting period, established by a cognizant agency or accepted by Caltrans, All costs must comply with the Federal cost principles for reimbursement.

<sup>4.</sup> For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

Local Assitance Procedure Manual

Cost Proposal Exhibit 10-H2

> AS-NEEDED CONTRACTS EXHIBIT 10-H COST PROPOSAL Page 2 of 2

X Subconsultant

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☐ Prime Consultant	Contract No.
Consultant William Rich and Associates   Prime Consultant	Project No. DPW2018-005
Consultant	Project No. 1

8/28/2018

Date

SCHEDULE OF OTHER DIRECT COST ITEMS	IRECT COST	ITEMS		
DESCRIPTION OF ITEMS	QUANTITY	TINO	UNIT COST	TOTAL
leage Costs (20 projects at 250 RT miles each)	5000		\$ 0.535	\$7.675
sc. (Supplies, copies, etc.)	1	-	3 1000 00	\$1,070
VIC Record Search Fees (20 record searches @ 3 hrs each)	69	-		\$1,000
				000,00
	+			
			-	

# NOTES:

- 1. List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
  - Proposed ODC items should be consistently billed regardless of client and contract type.
- Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
  - Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice),
- Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
- If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules. should be supported by mileage logs.
- 8. If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
  - The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
    - Add additional pages if necessary.
- Subconsultants must provide their own cost proposals.

#### **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:

- 7. Generally Accepted Accounting Principles (GAAP)
- 8. Terms and conditions of the contract
- 9. Title 23 United States Code Section 112 Letting of Contracts
- 10. 48 Code of Federal Regulations Part 31 Contract Cost Principles and Procedures
- 11. 23 Code of Federal Regulations Part 172 Procurement, Management, and Administration of Engineering and Design Related Service
- 12. 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.

Prime Consultant or Subconsultant Certifying:			
Name: William C. Rich	Title *: Principal I	nvestigat	tor
Signature : William C. Rich Digitally signed by William C. Rich Date: 2018.09.06 12:28:47 -07'00'	Date of Certification (mn	n/dd/yyyy): 0	9/06/2018
Email: wcr@williamrichandassociates.com	Phone Number: 7078		
Address: PO Box 184, Bayside, CA S			
* An individual executive or financial officer of no lower than a Vice President or a Chief Finance	cial Officer, or equivalent, v	vho has autho	
	cial Officer, or equivalent, v	vho has autho	
no lower than a Vice President or a Chief Financ the financial information utilized to establish the	cial Officer, or equivalent, vecost proposal for the contr	vho has autho	
no lower than a Vice President or a Chief Finance	cial Officer, or equivalent, vecost proposal for the contr	vho has autho	
no lower than a Vice President or a Chief Financial information utilized to establish the	cial Officer, or equivalent, vecost proposal for the contr	vho has autho	
no lower than a Vice President or a Chief Financial information utilized to establish the	cial Officer, or equivalent, vecost proposal for the contr	vho has autho	

# **DPW2**018-005 On-Call Professional Design Engineering and/or Environmental Services

#### Summary of Cost Proposal Participation Amounts of Prime Consultant and Subconsultants Dated: October 1, 2018

Consultant	Participation						
Consultant	Amount						
GHD Inc.	\$1,648,992.02						
Biggs Cardosa	\$250,000.00						
Crawford	\$200,000.00						
Ghirardelli	\$300,000.00						
Points West	\$100,000.00						
SHN	\$400,000.00						
Stantec	\$300,000.00						
DZC	\$50,000.00						
WRA	\$50,000.00						
Morrison	\$200,000.00						

	Total	\$3,498,992.02
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Cost Proposal

EXHIBIT 10-H2 COST PROPOSAL Page 1 0f2 SPECIFIC RATE OF COMPENSATION

Note: Mark-ups are Not Allowed

9/19/2018		st Rate (ICR) %
Date	200,000,00	226.84% ombined Indirect Co
	Amount \$	Cor
	ation Am	11
X Subconsultant	Particip	0% I Administration %
onsultant	Jo.	Genera
☐ Prime Consultant	Contract No	+
- 1		226.84% Overhead %
onsultant Morrison Structures, Inc.	oject No. DPW2018-005	+
Ŏ,	Pri	0.0% Fringe Benefit %

10%

FEE % =

	Hourly range - for	classifications only	Not Applicable	onominate con		Not Applicable			Not Applicable			Not Applicable			Not Applicable	7.	
CALCULATION INFORMATION	% or \$ increase			3 50%	3.50%		3.50%	3,50%		3.50%	3,50%		3.50%	3.50%		3.50%	3.50%
ALCULATION II	Actual or Avg.	hourly rate	\$67.91	\$70.29	\$72.75	\$70,00	\$72,45	\$74.99	\$44.77	546.34	\$47.96	\$18,00	\$18.63	\$19.28	\$30.99	\$32.07	\$33.20
Ö	Effective date of hourly rate   Actual or Avg.	To	6/30/2019	6/30/2020	6/30/2021	6/30/2019	6/30/2020	6/30/2021	6/30/2019	6/30/2020	6/30/2021	6/30/2019	6/30/2020	6/30/2021	6/30/2019	6/30/2020	6/30/2021
	Effective dat	From	7/1/2018	7/1/2019	7/1/2020	7/1/2018	7/1/2019	7/1/2020	7/1/2018	7/1/2019	7/1/2020	7/1/2018	7/1/2019	7/1/2020	7/1/2018	7/1/2019	7/1/2020
BILLING INFORMATION	2	OT(1.5x)	\$488.31	\$505,40	\$523,09	\$503,33	\$520,95	\$539.18	\$321.92	\$333,18	\$344.85	\$129.43	\$133,96	\$138.65	\$222.83	\$230.63	\$238.70
	Hourly Billing Rates	OTÍ	\$366,23	\$379,05	\$392.31	\$377.50	\$390.71	\$404.39	\$241,44	\$249.89	\$258.63	207.02	\$100.47	\$103.99	\$167.12	\$172.97	\$179.03
	Hourl	Straight <sup>3</sup>	\$244,15	\$252.70	\$261.54	\$251.67	\$250,48	\$269.59	\$160.96	\$166.59	\$172.42	\$64.71	\$66.98	\$69,32	\$111.42	\$115.32	\$119.35
BILLING	Name/Joh Title/Classification	In the state of th	R Morrison Jr. Structural Engineer	E6		R Morrison Sr. Senior Engineer	ES		D Roesner Associate Engineer	E3		W Morrison Technician	I		J Gallino Technician	T2	

1. All costs must compty with the Federal cost principles. Subconsultants will provide their own cost proposals.

2. The cost proposal format shall not be amended.

3. Billing rate = actual hourly rate \* (1+ ICR) \* (1+ Fec). Indirect cost rates should be based on the consultant's annual accounting period, established by a cognizant agency or \*\*accipted by Californs.

All costs must comply with the Federal cost principles for reimbursement.

4. For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

January 14, 2015

# Local Assitance Procedure Manual

Exhibit 10-H2 Cost Proposal

	CHO CHELKOL
L Page 2 of 2	GRANTING TO I
EXHIBIT 10-H COST PROPOSAL	PECIFIC RATE OF COMPRISATION GISE BOD ON CALL OD AS NEEDED COMMEN CALL
EXHIBIT 10-H	F COMPENSATION
	PECIFIC RATE OF

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)	FOR ON-CALL OR	AS-NEEDED C	ONTRACTS)		
Consultant Morrison Structures, Inc	X Subconsultant				
Project No. DPW2018-005 Contract No.		Date	9/19/2018		
SCHEDULE OF OTHER DIRECT COST ITEMS	R DIRECT COST	TEMS			
DESCRIPTION OF ITEMS	QUANTITY	TIND	UNIT COST	TOTAL	000000000000000000000000000000000000000
Mileage Costs	0	c	6		200000
Equipment Rental and Supplies	0	Ô	3 64	Us	1000
Permit Fees	0	ĵ	9 64	00	
Plan Sheets			9 6	00	MILE OF
Test			9 6	50	
Vehicle			A 6	SO	
Subconsultant 1:			9	08	
Subconsultant 2;				08	
Subconsultant 3:				09	1-150-970
Subconsultant 4:					00.00.000.000
Subconsultant 5:				U	

# NOTES:

- List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
- Proposed ODC items should be consistently billed regardless of client and contract type.
- Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
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- Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
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- 8. If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
  - 9. The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
    - 10. Add additional pages if necessary.
- 11. Subconsultants must provide their own cost proposals.

# LPP 15-01

#### 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:

- 7. Generally Accepted Accounting Principles (GAAP)
- 8. Terms and conditions of the contract
- 9. Title 23 United States Code Section 112 Letting of Contracts
- 10. 48 Code of Federal Regulations Part 31 Contract Cost Principles and Procedures
- 11. 23 Code of Federal Regulations Part 172 Procurement, Management, and Administration of Engineering and Design Related Service
- 12. 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.

Name: RBENT L	MORRISON JR.	Title *: PAESI	OENT	
Signature : Ruto		Date of Certification	on (mm/dd/yyyy):	1/19/18
Email: <u>buorrisou</u>	e morrisonstructores, a	Phone Number: 5	30-246-8628	3
Inc. De	K MAIZING DR. PER	DING, CA. 9600	2 /	
* An individual	executive or financial officer	of the consultant's or su	ibconsultant's organi	ization at a leve
* An individual no lower than a the financial inf	executive or financial officer Vice President or a Chief Fina formation utilized to establish to	of the consultant's or su ancial Officer, or equiva the cost proposal for the	ibconsultant's organilent, who has author	ization at a leve rity to represen
* An individual no lower than a the financial inf	executive or financial officer Vice President or a Chief Fina	of the consultant's or su ancial Officer, or equiva the cost proposal for the	ibconsultant's organilent, who has author	ization at a leve
* An individual no lower than a the financial inf	executive or financial officer Vice President or a Chief Fina ormation utilized to establish that is providing under the properties.	of the consultant's or su ancial Officer, or equiva the cost proposal for the	ibconsultant's organilent, who has author	ization at a leverity to represen
* An individual no lower than a the financial inf	executive or financial officer Vice President or a Chief Fina ormation utilized to establish that is providing under the properties.	of the consultant's or su ancial Officer, or equiva the cost proposal for the	ibconsultant's organilent, who has author	ization at a leve

Attachment D – Consultant Certification of Contract Costs and Financial Management System (Exhibit 10-K)

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### EXHIBIT 10-K CONSULTANT ANNUAL CERTIFICATION OF INDIRECT COSTS AND FINANCIAL MANAGEMENT SYSTEM

(Note: If a Safe Harbor Indirect Cost Rate is approved, this form is not required.)

Consultant's Full Legal Name: GHD Inc.

**Important**: Consultant means the individual or consultant providing engineering and design related services as a party of a contract with a recipient or sub-recipient of Federal assistance. Therefore, the Indirect Cost Rate(s) shall not be combined with its parent company or subsidiaries.

Indirect C	ost Rate:
------------	-----------

Combined Rate166	<u>.98</u> % OR	
Home Office Rate		%
Facilities Capital Cost of M	Ioney 0.26% (if applicable)	

#### **Fiscal period** \*7/1/16 - 6/30/17

\* Fiscal period is annual one year applicable accounting period that the Indirect Cost Rate was developed (not the contract period). The Indirect Cost Rate is based on the consultant's one-year applicable accounting period for which financial statements are regularly prepared by the consultant.

I have reviewed the proposal to establish an Indirect Cost Rate(s) for the **fiscal period** as specified above and have determined to the best of my knowledge and belief that:

- All costs included in the cost proposal to establish the indirect cost rate(s) are allowable in accordance with the cost principles of the Federal Acquisition Regulation (FAR) 48, Code of Federal Regulations (CFR), Chapter 1, Part 31 (48 CFR Part 31);
- The cost proposal does not include any costs which are expressly unallowable under the cost principles of 48 CFR Part 31;
- The accounting treatment and billing of prevailing wage delta costs are consistent with our prevailing wage policy as either direct labor, indirect costs, or other direct costs on all federally-funded A&E Consultant Contracts.
- All known material transactions or events that have occurred subsequent to year-end affecting the
  consultant's ownership, organization, and indirect cost rates have been disclosed as of the date of
  this certification.

I am providing the required and applicable documents as instructed on Exhibit 10-A.

#### Financial Management System:

Our labor charging, job costing, and accounting systems meet the standards for financial reporting, accounting records, and internal control adequate to demonstrate that costs claimed have been incurred, appropriately accounted for, are allocable to the contract, and comply with the federal requirements as set forth in <u>Title 23</u> <u>United States Code (U.S.C.) Section 112(b)(2); 48 CFR Part 31.201-2(d); 23 CFR, Chapter 1, Part 172.11(a)(2); and all applicable state and federal rules and regulations.</u>

Our financial management system has the following attributes:

- Account numbers identifying allowable direct, indirect, and unallowable cost accounts;
- Ability to accumulate and segregate allowable direct, indirect, and unallowable costs into separate cost

#### accounts;

- Ability to accumulate and segregate allowable direct costs by project, contract and type of cost;
- Internal controls to maintain integrity of financial management system;
- Ability to account and record costs consistently and to ensure costs billed are in compliance with FAR;
- Ability to ensure and demonstrate costs billed reconcile to general ledgers and job costing system; and
- Ability to ensure costs are in compliance with contract terms and federal and state requirement

#### Cost Reimbursements on Contracts:

I also understand that failure to comply with 48 CFR Part 16.301-3 or knowingly charge unallowable costs to Federal-Aid Highway Program (FAHP) contracts may result in possible penalties and sanctions as provided by the following:

- Sanctions and Penalties 23 CFR Part 172.11(c)(4)
- False Claims Act Title 31 U.S.C. Sections 3729-3733
- Statements or entries generally Title 18 U.S.C. Section 1001
- Major Fraud Act Title 18 U.S.C. Section 1031

#### All A&E Contract Information:

- Total participation amount \$156,030,932 on all State and FAHP contracts for Architectural & Engineering services that the consultant received in the last three fiscal periods.
   The number of states in which the consultant does business is 48.
- Years of consultant's experience with 48 CFR Part 31 is \_\_\_\_\_25+.
   Audit history of the consultant's current and prior years (if applicable)
   □ Cognizant ICR Audit □ Local Gov't ICR Audit □ Caltrans ICR Audit
   ✓ CPA ICR Audit □ Federal Gov't ICR Audit

I, the undersigned, certify all of the above to the best of my knowledge and belief and that I have reviewed the Indirect Cost Rate Schedule to determine that any costs which are expressly unallowable under the Federal cost principles have been removed and comply with <a href="https://doi.org/10.10/2">Title 23 U.S.C. Section 112(b)(2), 48 CFR Part 31, 23 CFR Part 172</a>, and all applicable state and federal rules and regulations. I also certify that I understand that all documentation of compliance must be retained by the consultant. I hereby acknowledge that costs that are noncompliant with the federal and state requirements are not eligible for reimbursement and must be returned to Caltrans.

Name**: Bill Silva	_Title**: Principal
Signature: Win Si	Date of Certification (mm/dd/yyyy): _2-20-2018
Email**: bill.silva@ghd.com	Phone Number**: _707-523-1010

Note: Both prime and subconsultants as parties of a contract must complete their own Exhibit 10-K forms. Caltrans will not process local agency's invoices until a complete Exhibit 10-K form is accepted and approved by Caltrans Audits and Investigations.

Distribution: 1) Original - Local Agency Project File

2) Copy - Consultant

3) Copy - Caltrans Audits and Investigations

<sup>\*\*</sup>An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President, a Chief Financial Officer, or equivalent, who has authority to represent the financial information used to establish the indirect cost rate.

(Note: If a Safe Harbor Indirect Cost Rate is approved, this form is not required.)

Biggs Cardosa Associates, Inc.

Important: Consultant means the individual or consultant providing engineering and design related services as a party of a contract with a recipient or sub-recipient of Federal assistance. Therefore, the Indirect Cost Rate(s) shall not be combined with its parent company or subsidiaries.

Indirect Cost Rate:		
Combined Rate 152.03	% OR	
Home Office Rate	% and Field Office Rate (if applicable)	9
Facilities Capital Cost of Money	% (if applicable)	
Fiscal period * 1/1/2017 to 12	/31/2017	

\* Fiscal period is annual one year applicable accounting period that the Indirect Cost Rate was developed (not the contract period). The Indirect Cost Rate is based on the consultant's one-year applicable accounting period for which financial statements are regularly prepared by the consultant.

I have reviewed the proposal to establish an Indirect Cost Rate(s) for the fiscal period as specified above and have determined to the best of my knowledge and belief that:

- All costs included in the cost proposal to establish the indirect cost rate(s) are allowable in accordance with the cost principles of the Federal Acquisition Regulation (FAR) 48, Code of Federal Regulations (CFR), Chapter 1, Part 31 (48 CFR Part 31);
- The cost proposal does not include any costs which are expressly unallowable under the cost principles of 48 CFR Part 31;
- The accounting treatment and billing of prevailing wage delta costs are consistent with our
  prevailing wage policy as either direct labor, indirect costs, or other direct costs on all federallyfunded A&E Consultant Contracts.
- All known material transactions or events that have occurred subsequent to year-end affecting the
  consultant's ownership, organization, and indirect cost rates have been disclosed as of the date of
  this certification.

I am providing the required and applicable documents as instructed on Exhibit 10-A.

#### Financial Management System:

Our labor charging, job costing, and accounting systems meet the standards for financial reporting, accounting records, and internal control adequate to demonstrate that costs claimed have been incurred, appropriately accounted for, are allocable to the contract, and comply with the federal requirements as set forth in <u>Title 23 United States Code (U.S.C.) Section 112(b)(2); 48 CFR Part 31.201-2(d): 23 CFR, Chapter 1, Part 172.11(a)(2); and all applicable state and federal rules and regulations.</u>

- Account numbers identifying allowable direct, indirect, and unallowable cost accounts;
- · Ability to accumulate and segregate allowable direct, indirect, and unallowable costs into separate cost

- · Ability to accumulate and segregate allowable direct costs by project, contract and type of cost;
- · Internal controls to maintain integrity of financial management system;
- · Ability to account and record costs consistently and to ensure costs billed are in compliance with FAR;
- Ability to ensure and demonstrate costs billed reconcile to general ledgers and job costing system; and
- Ability to ensure costs are in compliance with contract terms and federal and state requirement

#### Cost Reimbursements on Contracts:

I also understand that failure to comply with 48 CFR Part 16.301-3 or knowingly charge unallowable costs to Federal-Aid Highway Program (FAHP) contracts may result in possible penalties and sanctions as provided by the following:

- Sanctions and Penalties 23 CFR Part 172.11(c)(4)
- False Claims Act Title 31 U.S.C. Sections 3729-3733
- Statements or entries generally Title 18 U.S.C. Section 1001
- Major Fraud Act Title 18 U.S.C. Section 1031

All A&E Contract Information:  Total participation amount \$ 35,000,00 Engineering services that the consultant receive The number of states in which the consultant Years of consultant's experience with 48 CF Audit history of the consultant's current and Cognizant ICR Audit	teived in the last three fiscal periods.  In does business is1  R Part 31 is32  I prior years (if applicable)	ts for Architectural &
I, the undersigned, certify all of the above to the best Indirect Cost Rate Schedule to determine that any coprinciples have been removed and comply with <u>Title</u> all applicable state and federal rules and regulations. compliance must be retained by the consultant. I hen federal and state requirements are not eligible for reinname**. Mahvash Harms	osts which are expressly unallowable under 23 U.S.C. Section 112(b)(2), 48 CFR Part 31, I also certify that I understand that all doe by acknowledge that costs that are noncombursement and must be returned to Calt Title**: Principal	er the Federal cost , 23 CFR Part 172, and ocumentation of ompliant with the trans.
Signature: MHawm	Date of Certification (mm/dd/yyyy):	Oct 4, 2018
Email**: mharms@biggscardosa.com	Phone Number**: 408.296.551	5

\*\*An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President, a Chief Financial Officer, or equivalent, who has authority to represent the financial information used to establish the indirect cost rate.

Note: Both prime and subconsultants as parties of a contract must complete their own Exhibit 10-K forms. Caltrans will not process local agency's invoices until a complete Exhibit 10-K form is accepted and approved by Caltrans Audits and Investigations.

Distribution: 1) Original - Local Agency Project File

Copy - Consultant
 Copy - Caltrans Audits and Investigations

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# EXHIBIT 10-K CONSULTANT ANNUAL CERTIFICATION OF INDIRECT COSTS AND FINANCIAL MANAGEMENT SYSTEM

(Note: If a Safe Harbor Indirect Cost Rate is approved, this form is not required.)

Consultant's Full Legal Name: Crawford & Associates, Inc.

Important: Consultant means the individual or consultant providing engineering and design related services as a party of a contract with a recipient or sub-recipient of Federal assistance. Therefore, the Indirect Cost Rate(s) shall not be combined with its parent company or subsidiaries.

THE TENED THE TE		
Combined Rate 223.59	% OR	
Home Office Rate	% and Field Office Ra	te (if applicable)

Facilities Capital Cost of Money \_\_\_\_\_\_% (if applicable)

Fiscal period \* 01/01/2017 - 12/31/2017

\* Fiscal period is annual one year applicable accounting period that the Indirect Cost Rate was developed (not the contract period). The Indirect Cost Rate is based on the consultant's one-year applicable accounting period for which financial statements are regularly prepared by the consultant.

I have reviewed the proposal to establish an Indirect Cost Rate(s) for the fiscal period as specified above and have determined to the best of my knowledge and belief that:

- All costs included in the cost proposal to establish the indirect cost rate(s) are allowable in accordance with the cost principles of the Federal Acquisition Regulation (FAR) 48, Code of Federal Regulations (CFR), Chapter 1, Part 31 (48 CFR Part 31);
- The cost proposal does not include any costs which are expressly unallowable under the cost principles of 48 CFR Part 31;
- The accounting treatment and billing of prevailing wage delta costs are consistent with our prevailing wage policy as either direct labor, indirect costs, or other direct costs on all federallyfunded A&E Consultant Contracts.
- All known material transactions or events that have occurred subsequent to year-end affecting the consultant's ownership, organization, and indirect cost rates have been disclosed as of the date of this certification.

I am providing the required and applicable documents as instructed on Exhibit 10-A.

## Financial Management System:

Our labor charging, job costing, and accounting systems meet the standards for financial reporting, accounting records, and internal control adequate to demonstrate that costs claimed have been incurred, appropriately accounted for, are allocable to the contract, and comply with the federal requirements as set forth in Title 23 United States Code (U.S.C.) Section 112(b)(2); 48 CFR Part 31.201-2(d); 23 CFR, Chapter 1, Part 172.11(a)(2); and all applicable state and federal rules and regulations.

- Account numbers identifying allowable direct, indirect, and unallowable cost accounts;
- Ability to accumulate and segregate allowable direct, indirect, and unallowable costs into separate cost

- Ability to accumulate and segregate allowable direct costs by project, contract and type of cost;
- Internal controls to maintain integrity of financial management system;
- Ability to account and record costs consistently and to ensure costs billed are in compliance with FAR;
- Ability to ensure and demonstrate costs billed reconcile to general ledgers and job costing system; and
- Ability to ensure costs are in compliance with contract terms and federal and state requirement

## Cost Reimbursements on Contracts:

I also understand that failure to comply with 48 CFR Part 16.301-3 or knowingly charge unallowable costs to Federal-Aid Highway Program (FAHP) contracts may result in possible penalties and sanctions as provided by the following:

- Sanctions and Penalties 23 CFR Part 172.11(c)(4)
- False Claims Act Title 31 U.S.C. Sections 3729-3733
- Statements or entries generally Title 18 U.S.C. Section 1001
- Major Fraud Act Title 18 U.S.C. Section 1031

Total participation amount \$8,000,000	on all State and FAHP contracts for Architectural &
<ul> <li>Engineering services that the consultant receivers the number of states in which the consultant</li> <li>Years of consultant's experience with 48 CFR</li> <li>Audit history of the consultant's current and processing the consultant of the</li></ul>	does business is 2 Part 31 is 12
Indirect Cost Rate Schedule to determine that any cost principles have been removed and comply with <u>Title 2</u>	of my knowledge and belief and that I have reviewed the ts which are expressly unallowable under the Federal cost 3 U.S.C. Section 112(b)(2), 48 CFR Part 31, 23 CFR Part 172, and I also certify that I understand that all documentation of by acknowledge that costs that are noncompliant with the abursement and must be returned to Caltrans.  Title**: Controller  Date of Certification (mm/dd/yyyy): 10/29/2018  Phone Number**: (916) 455-4225

Note: Both prime and subconsultants as parties of a contract must complete their own Exhibit 10-K forms. Caltrans will not process local agency's invoices until a complete Exhibit 10-K form is accepted and approved by Caltrans Audits and Investigations.

1) Original - Local Agency Project File

2) Copy - Consultant

<sup>\*\*</sup>An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President, a Chief Financial Officer, or equivalent, who has authority to represent the financial information used to establish the indirect cost rate.

(Note: If a Safe Harbor Indirect Cost Rate is approved, this form is not required.)

Consultant's Full Legal Name: Ghirardelli Associates, Inc.

Important: Consultant means the individual or consultant providing engineering and design related services as a party of a contract with a recipient or sub-recipient of Federal assistance. Therefore, the Indirect Cost Rate(s) shall not be combined with its parent' company or subsidiaries.

#### Indirect Cost Rate:

Indirect Cost Rate: Home Office Rate 110.97 % Field Office Rate (if applicable) N/A %, and Facility Capital Cost of Money 0.03 % (if applicable) for fiscal period \* 1/1/2017 - 12/31/2017

\* Fiscal period is the annual one year accounting period that our Indirect Cost Rate was developed and based on (not the contract period) and that our financial statements are based on.

I have reviewed the proposal to establish an Indirect Cost Rate(s) for the fiscal period as specified above and have determined that:

- All costs included in the cost proposal to establish the indirect cost rate(s) are allowable in accordance with the cost principles of the Federal Acquisition Regulation (FAR) 48, Code of Federal Regulations (CFR), Chapter 1, Part 31 (48 CFR Part 31);
- The cost proposal does not include any costs which are expressly unallowable under the cost principles of 48 CFR Part 31;
- The accounting treatment and billing of prevailing wage delta costs are consistent with our
  prevailing wage policy as either direct labor, indirect costs, or other direct costs on all federallyfunded A&E Consultant Contracts.
- All known material transactions or events that have occurred affecting the consultant's ownership, organization, and indirect cost rates have been disclosed as of the date of this certification.

I am providing the required and applicable documents as instructed on Exhibit 10-A

#### Financial Management System:

Our labor charging, job costing, and accounting systems meet the standards for financial reporting, accounting records, and internal control adequate to demonstrate that costs claimed have been incurred, appropriately accounted for, are allocable to the contract, and comply with the federal requirements as set forth in <u>Title 23</u> <u>United States Code (U.S.C.) Section 112(b)(2)</u>; 48 <u>CFR Part 31.201-2(d)</u>; 23 <u>CFR, Chapter 1, Part 172.11(a)(2)</u>; and all applicable state and federal rules and regulations.

- Account numbers identifying allowable direct, indirect, and unallowable cost accounts;
- Ability to accumulate and segregate allowable direct, indirect, and unallowable costs into separate cost accounts;
- Ability to accumulate and segregate allowable direct costs by project, contract and type of cost;

- Internal controls to maintain integrity of financial management system;
- Ability to account and record costs consistently and to ensure costs billed are in compliance with FAR;
- Ability to ensure and demonstrate costs billed reconcile to general ledgers and job costing system; and
- Ability to ensure costs are in compliance with contract terms and federal and state requirements.

#### Cost Reimbursements on Contracts:

I also understand that failure to comply with 48 CFR Part 16.301-3 or knowingly charge unallowable costs to Federal-Aid Highway Program (FAHP) may result in possible penalties and sanctions as provided by the following:

- Sanctions and Penalties 23 CFR Part 172.11(c)(4)
- False Claims Act Title 31 U.S.C. Sections 3729-3733
- Statements or entries generally Title 18 U.S.C. Section 1001
- Major Fraud Act Title 18 U.S.C. Section 1031

AIL	A&F	Con	tract	Infor	matio	n:
4 3 44			11112	ALL V	LIAMAN	ALL

All A&E Contract Information:	
<ul> <li>received in the last three fiscal periods in Fed</li> <li>The number of states in which the consultant</li> <li>Years of consultant's experience with 48 CFI</li> <li>Audit history of the consultant (Check all that</li> <li>Cognizant ICR Audit</li> </ul>	does business is 1  R Part 31 is 17
Standard Indirect Cost Rate Schedule to determine the cost principles have been removed and comply with and all applicable state and federal rules and regulations.	of my knowledge and belief and that I have reviewed the at any costs which are expressly unallowable under the Federal Title 23 U.S.C. Section 112(b)(2), 48 CFR Part 31, 23 CFR Part 172, ons. I also certify that I understand that all documentation of eby acknowledge that costs that are noncompliant with the mbursement and must be returned to Caltrans.
Name**: Alain Charles	Title**: Corporate Controller
Signature Alain Charles Digitally signed by Alain Charles Date: 2018.08.21 18:36:28 -07'00'	Date of Certification (mm/dd/yyyy): 08/21/2018
Email**: acharles@ghirardelliassoc.com	Phone Number **: 408.435.5503 x2
Financial Officer, or equivalent, who has authority to represen	t's or subconsultant's organization at a level no lower than a Vice President, a Chief the financial information used to establish the indirect cost rate.  **ract must complete their own Exhibit 10-K forms. Caltrans will not

Investigations.

Distribution: 1) Original - Local Agency Project File

2) Copy - Consultant

(Note: If a Safe Harbor Indirect Cost Rate is approved, this form is not required.)

Consultant's Full Legal Name: SHN Consulting Engineers & Geologists, Inc.

Important: Consultant means the individual or consultant providing engineering and design related services as a party of a contract with a recipient or sub-recipient of Federal assistance. Therefore, the Indirect Cost Rate(s) shall not be combined with its parent company or subsidiaries.

Indirect Cost Rate:		
Combined Rate 170.17	% OR	
Home Office Rate	% and Field Office Rate (if applicable)	9/
Facilities Capital Cost of Money	% (if applicable)	
Fiscal period * 1/1/17-12/31/17		

\* Fiscal period is annual one year applicable accounting period that the Indirect Cost Rate was developed (not the contract period). The Indirect Cost Rate is based on the consultant's one-year applicable accounting period for which financial statements are regularly prepared by the consultant.

I have reviewed the proposal to establish an Indirect Cost Rate(s) for the fiscal period as specified above and have determined to the best of my knowledge and belief that:

- All costs included in the cost proposal to establish the indirect cost rate(s) are allowable in accordance with the cost principles of the Federal Acquisition Regulation (FAR) 48, Code of Federal Regulations (CFR), Chapter 1, Part 31 (48 CFR Part 31);
- The cost proposal does not include any costs which are expressly unallowable under the cost principles of 48 CFR Part 31;
- The accounting treatment and billing of prevailing wage delta costs are consistent with our prevailing wage policy as either direct labor, indirect costs, or other direct costs on all federally-funded A&E Consultant Contracts.
- All known material transactions or events that have occurred subsequent to year-end affecting the
  consultant's ownership, organization, and indirect cost rates have been disclosed as of the date of
  this certification.

I am providing the required and applicable documents as instructed on Exhibit 10-A.

### Financial Management System:

Our labor charging, job costing, and accounting systems meet the standards for financial reporting, accounting records, and internal control adequate to demonstrate that costs claimed have been incurred, appropriately accounted for, are allocable to the contract, and comply with the federal requirements as set forth in <u>Title 23</u> <u>United States Code (U.S.C.) Section 112(b)(2)</u>; 48 <u>CFR Part 31,201-2(d)</u>: 23 <u>CFR, Chapter 1, Part 172.11(a)(2)</u>; and all applicable state and federal rules and regulations.

- Account numbers identifying allowable direct, indirect, and unallowable cost accounts;
- Ability to accumulate and segregate allowable direct, indirect, and unallowable costs into separate cost

- Ability to accumulate and segregate allowable direct costs by project, contract and type of cost;
- Internal controls to maintain integrity of financial management system;
- · Ability to account and record costs consistently and to ensure costs billed are in compliance with FAR;
- Ability to ensure and demonstrate costs billed reconcile to general ledgers and job costing system; and
- Ability to ensure costs are in compliance with contract terms and federal and state requirement

#### Cost Reimbursements on Contracts:

I also understand that failure to comply with 48 CFR Part 16.301-3 or knowingly charge unallowable costs to Federal-Aid Highway Program (FAHP) contracts may result in possible penalties and sanctions as provided by the following:

- Sanctions and Penalties 23 CFR Part 172.11(c)(4)
- False Claims Act Title 31 U.S.C. Sections 3729-3733
- Statements or entries generally <u>Title 18 U.S.C. Section 1001</u>
- Major Fraud Act <u>Title 18 U.S.C. Section 1031</u>

All A&E Contract Information:  Total participation amount \$11,000,000  Engineering services that the consultant rece  The number of states in which the consultant  Years of consultant's experience with 48 CF  Audit history of the consultant's current and  Cognizant ICR Audit	beived in the last three fiscal periods, at does business is 2.  FR Part 31 is 20 years.
principles have been removed and comply with <u>Title</u> : all applicable state and federal rules and regulations. compliance must be retained by the consultant. I here federal and state requirements are not eligible for rein Name**: Brenda Sigler	Title**: CFO
Signature: Story	Date of Certification (mm/dd/yyyy): 08/24/2018
Email**: bsigler@shri-engr.com	Phone Number**: 707-441-8855

Note: Both prime and subconsultants as parties of a contract must complete their own Exhibit 10-K forms. Caltrans will not process local agency's invoices until a complete Exhibit 10-K form is accepted and approved by Caltrans Audits and Investigations.

Distribution: 1) Original - Local Agency Project File

2) Copy - Consultant

<sup>\*\*</sup>An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President, a Chief Financial Officer, or equivalent, who has authority to represent the financial information used to establish the indirect cost rate.

(Note: If a Safe Harbor Indirect Cost Rate is approved, this form is not required.)

Consultant's Full Legal Name: Stantec Consulting Services Inc.

Important: Consultant means the individual or consultant providing engineering and design related services as a party of a contract with a recipient or sub-recipient of Federal assistance. Therefore, the Indirect Cost Rate(s) shall not be combined with its parent company or subsidiaries.

Indirect Cos	t Rate:
--------------	---------

Combined Rate	% OR	
Home Office Rate 168.493	% and Field Office Rate (if applicable) 123.554	0/0
Facilities Capital Cost of Money	% (if applicable)	
Fiscal period * 01/01/2017 - 12	2/31/2017	

I have reviewed the proposal to establish an Indirect Cost Rate(s) for the **fiscal period** as specified above and have determined to the best of my knowledge and belief that:

- All costs included in the cost proposal to establish the indirect cost rate(s) are allowable in accordance with the cost principles of the Federal Acquisition Regulation (FAR) 48, Code of Federal Regulations (CFR), Chapter 1, Part 31 (48 CFR Part 31);
- The cost proposal does not include any costs which are expressly unallowable under the cost principles of 48 CFR Part 31;
- The accounting treatment and billing of prevailing wage delta costs are consistent with our
  prevailing wage policy as either direct labor, indirect costs, or other direct costs on all federallyfunded A&E Consultant Contracts,
- All known material transactions or events that have occurred subsequent to year-end affecting the
  consultant's ownership, organization, and indirect cost rates have been disclosed as of the date of
  this certification.

I am providing the required and applicable documents as instructed on Exhibit 10-A.

#### Financial Management System:

Our labor charging, job costing, and accounting systems meet the standards for financial reporting, accounting records, and internal control adequate to demonstrate that costs claimed have been incurred, appropriately accounted for, are allocable to the contract, and comply with the federal requirements as set forth in <u>Title 23</u> United States Code (U.S.C.) Section 112(b)(2); 48 CFR Part 31.201-2(d); 23 CFR, Chapter 1, Part 172.11(a)(2); and all applicable state and federal rules and regulations.

- Account numbers identifying allowable direct, indirect, and unallowable cost accounts;
- Ability to accumulate and segregate allowable direct, indirect, and unallowable costs into separate cost

<sup>\*</sup> Fiscal period is annual one year applicable accounting period that the Indirect Cost Rate was developed (not the contract period). The Indirect Cost Rate is based on the consultant's one-year applicable accounting period for which financial statements are regularly prepared by the consultant.

- Ability to accumulate and segregate allowable direct costs by project, contract and type of cost;
- Internal controls to maintain integrity of financial management system;
- Ability to account and record costs consistently and to ensure costs billed are in compliance with FAR;
- Ability to ensure and demonstrate costs billed reconcile to general ledgers and job costing system; and
- Ability to ensure costs are in compliance with contract terms and federal and state requirement

#### Cost Reimbursements on Contracts:

I also understand that failure to comply with 48 CFR Part 16.301-3 or knowingly charge unallowable costs to Federal-Aid Highway Program (FAHP) contracts may result in possible penalties and sanctions as provided by the following:

- Sanctions and Penalties 23 CFR Part 172.11(c)(4)
- False Claims Act Title 31 U.S.C. Sections 3729-3733
- Statements or entries generally Title 18 U.S.C. Section 1001
- Major Fraud Act Title 18 U.S.C. Section 1031

<ul> <li>Total participation amount \$ 134,427</li> <li>Engineering services that the consultan</li> <li>The number of states in which the consultant's experience with 4</li> <li>Audit history of the consultant's currer</li> </ul>	t received in the last three fiscal postultant does business is 50	AHP contracts for Architectural & periods.
Cognizant ICR Audit	Local Gov't ICR Audit	☑ Caltrans ICR Audit
☑ CPA ICR Audit	☑ Federal Gov't ICR Audit	
I, the undersigned, certify all of the above to the Indirect Cost Rate Schedule to determine that a principles have been removed and comply with all applicable state and federal rules and regula compliance must be retained by the consultant. federal and state requirements are not eligible for	ny costs which are expressly unal Title 23 U.S.C. Section 112(b)(2), 48 tions. I also certify that I understa I hereby acknowledge that costs to reimbursement and must be reto	lowable under the Federal cost 3 CFR Part 31, 23 CFR Part 172, and and that all documentation of that are noncompliant with the turned to Caltrans.
Name**: Jan Mulligan	Title**: Senior Vice Pi	resident - Financial Services
Signature: Mueege	Date of Certification (mn	n/dd/yyyy): 07/20/2018
Email**: jan.mulligan@stantec.com	Phone Number**: 780	-917-7046

Note: Both prime and subconsultants as parties of a contract must complete their own Exhibit 10-K forms. Caltrans will not process local agency's invoices until a complete Exhibit 10-K form is accepted and approved by Caltrans Audits and Investigations.

Distribution:

1) Original - Local Agency Project File 2) Copy - Consultant

<sup>\*\*</sup>An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President, a Chief Financial Officer, or equivalent, who has authority to represent the financial information used to establish the indirect cost rate.

(Note: If a Safe Harbor Indirect Cost Rate is approved, this form is not required.)

Consultant's Full Legal Name: DZC Archaeology & Cultural Resource Management

**Important**: Consultant means the individual or consultant providing engineering and design related services as a party of a contract with a recipient or sub-recipient of Federal assistance. Therefore, the Indirect Cost Rate(s) shall not be combined with its parent company or subsidiaries.

Indirect Cost R	Rate:
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Combined Rate 110	% OR	
Home Office Rate	% and Field Office Rate (if applicable)	%
Facilities Capital Cost of Money		
Fiscal period * January 1, 2018 to D	ecember 31, 2018	

I have reviewed the proposal to establish an Indirect Cost Rate(s) for the **fiscal period** as specified above and have determined to the best of my knowledge and belief that:

- All costs included in the cost proposal to establish the indirect cost rate(s) are allowable in accordance with the cost principles of the Federal Acquisition Regulation (FAR) 48, Code of Federal Regulations (CFR), Chapter 1, Part 31 (48 CFR Part 31);
- The cost proposal does not include any costs which are expressly unallowable under the cost principles of 48 CFR Part 31;
- The accounting treatment and billing of prevailing wage delta costs are consistent with our
  prevailing wage policy as either direct labor, indirect costs, or other direct costs on all federallyfunded A&E Consultant Contracts.
- All known material transactions or events that have occurred subsequent to year-end affecting the
  consultant's ownership, organization, and indirect cost rates have been disclosed as of the date of
  this certification.

I am providing the required and applicable documents as instructed on Exhibit 10-A.

#### Financial Management System:

Our labor charging, job costing, and accounting systems meet the standards for financial reporting, accounting records, and internal control adequate to demonstrate that costs claimed have been incurred, appropriately accounted for, are allocable to the contract, and comply with the federal requirements as set forth in <u>Title 23</u> <u>United States Code (U.S.C.) Section 112(b)(2)</u>; <u>48 CFR Part 31.201-2(d)</u>; <u>23 CFR, Chapter 1, Part 172.11(a)(2)</u>; and all applicable state and federal rules and regulations.

- Account numbers identifying allowable direct, indirect, and unallowable cost accounts;
- Ability to accumulate and segregate allowable direct, indirect, and unallowable costs into separate cost

<sup>\*</sup> Fiscal period is annual one year applicable accounting period that the Indirect Cost Rate was developed (not the contract period). The Indirect Cost Rate is based on the consultant's one-year applicable accounting period for which financial statements are regularly prepared by the consultant.

- Ability to accumulate and segregate allowable direct costs by project, contract and type of cost;
- Internal controls to maintain integrity of financial management system;
- Ability to account and record costs consistently and to ensure costs billed are in compliance with FAR;
- Ability to ensure and demonstrate costs billed reconcile to general ledgers and job costing system; and
- Ability to ensure costs are in compliance with contract terms and federal and state requirement

### Cost Reimbursements on Contracts:

I also understand that failure to comply with 48 CFR Part 16.301-3 or knowingly charge unallowable costs to Federal-Aid Highway Program (FAHP) contracts may result in possible penalties and sanctions as provided by the following:

- Sanctions and Penalties 23 CFR Part 172.11(c)(4)
- False Claims Act Title 31 U.S.C. Sections 3729-3733
- Statements or entries generally Title 18 U.S.C. Section 1001
- Major Fraud Act Title 18 U.S.C. Section 1031

All A&E Contract Information:		
<ul> <li>Total participation amount \$87,489</li> </ul>		AHP contracts for Architectural &
Engineering services that the consultant rec	ceived in the last three fiscal p	periods.
• The number of states in which the consultar	nt does business is 1.	
<ul> <li>Years of consultant's experience with 48 CI</li> </ul>	FR Part 31 is 3	
Audit history of the consultant's current and     Cognizant ICR Audit		☐ Caltrans ICR Audit
☐ CPA ICR Audit ☐	Federal Gov't ICR Audit	
I, the undersigned, certify all of the above to the best Indirect Cost Rate Schedule to determine that any coprinciples have been removed and comply with <u>Title</u> all applicable state and federal rules and regulations compliance must be retained by the consultant. I her federal and state requirements are not eligible for reiname**. Dimitra Zalarvis-Chase	osts which are expressly unal 23 U.S.C. Section 112(b)(2), 48 and 112(b)(2), 48 are the section 212(b)(2), 48 are the section	lowable under the Federal cost 3 CFR Part 31, 23 CFR Part 172, and nd that all documentation of hat are noncompliant with the urned to Caltrans.
Signature: Dimitra Zalarvis-Chase Digitally expend by Ginkiva Zdarvis-Chase	Date of Certification (mn	n/dd/yyyy): 08/22/2018
Email**: dimitrazc@gmail.com	Phone Number**: 707-5	599-9842

Note: Both prime and subconsultants as parties of a contract must complete their own Exhibit 10-K forms. Caltrans will not process local agency's invoices until a complete Exhibit 10-K form is accepted and approved by Caltrans Audits and Investigations.

Distribution: 1) Original - Local Agency Project File

2) Copy - Consultant

<sup>\*\*</sup>An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President, a Chief Financial Officer, or equivalent, who has authority to represent the financial information used to establish the indirect cost rate

(Note: If a Safe Harbor Indirect Cost Rate is approved, this form is not required.)

Consultant's Full Legal Name: William Rich and Associates

**Important**: Consultant means the individual or consultant providing engineering and design related services as a party of a contract with a recipient or sub-recipient of Federal assistance. Therefore, the Indirect Cost Rate(s) shall not be combined with its parent company or subsidiaries.

### Indirect Cost Rate:

Combined Rate 110	% OR	
Home Office Rate	% and Field Office Rate (if applicable)	%
Facilities Capital Cost of Money	% (if applicable)	
Fiscal period * January 1, 2017-De	ecember 31, 2017	

\* Fiscal period is annual one year applicable accounting period that the Indirect Cost Rate was developed (not the contract period). The Indirect Cost Rate is based on the consultant's one-year applicable accounting period for which financial statements are regularly prepared by the consultant.

I have reviewed the proposal to establish an Indirect Cost Rate(s) for the **fiscal period** as specified above and have determined to the best of my knowledge and belief that:

- All costs included in the cost proposal to establish the indirect cost rate(s) are allowable in accordance with the cost principles of the Federal Acquisition Regulation (FAR) 48, Code of Federal Regulations (CFR), Chapter 1, Part 31 (48 CFR Part 31);
- The cost proposal does not include any costs which are expressly unallowable under the cost principles of 48 CFR Part 31;
- The accounting treatment and billing of prevailing wage delta costs are consistent with our
  prevailing wage policy as either direct labor, indirect costs, or other direct costs on all federallyfunded A&E Consultant Contracts.
- All known material transactions or events that have occurred subsequent to year-end affecting the
  consultant's ownership, organization, and indirect cost rates have been disclosed as of the date of
  this certification.

I am providing the required and applicable documents as instructed on Exhibit 10-A.

### Financial Management System:

Our labor charging, job costing, and accounting systems meet the standards for financial reporting, accounting records, and internal control adequate to demonstrate that costs claimed have been incurred, appropriately accounted for, are allocable to the contract, and comply with the federal requirements as set forth in <u>Title 23</u> <u>United States Code (U.S.C.) Section 112(b)(2)</u>; 48 CFR Part 31,201-2(d); 23 CFR, Chapter 1, Part 172.11(a)(2); and all applicable state and federal rules and regulations.

- Account numbers identifying allowable direct, indirect, and unallowable cost accounts;
- Ability to accumulate and segregate allowable direct, indirect, and unallowable costs into separate cost

- Ability to accumulate and segregate allowable direct costs by project, contract and type of cost;
- Internal controls to maintain integrity of financial management system;
- Ability to account and record costs consistently and to ensure costs billed are in compliance with FAR;
- · Ability to ensure and demonstrate costs billed reconcile to general ledgers and job costing system; and
- Ability to ensure costs are in compliance with contract terms and federal and state requirement

#### Cost Reimbursements on Contracts:

I also understand that failure to comply with 48 CFR Part 16.301-3 or knowingly charge unallowable costs to Federal-Aid Highway Program (FAHP) contracts may result in possible penalties and sanctions as provided by the following:

- Sanctions and Penalties 23 CFR Part 172.11(c)(4)
- False Claims Act Title 31 U.S.C. Sections 3729-3733
- Statements or entries generally Title 18 U.S.C. Section 1001
- Major Fraud Act Title 18 U.S.C. Section 1031

<ul> <li>All A&amp;E Contract Information:</li> <li>Total participation amount \$0         Engineering services that the consultant rec     </li> <li>The number of states in which the consultant</li> <li>Years of consultant's experience with 48 CF</li> </ul>	t does business is 1
<ul> <li>Audit history of the consultant's current and</li> </ul>	
☐ CPA ICR Audit ☐	Federal Gov't ICR Audit
Indirect Cost Rate Schedule to determine that any coprinciples have been removed and comply with <u>Title 2</u> all applicable state and federal rules and regulations.	of my knowledge and belief and that I have reviewed the sts which are expressly unallowable under the Federal cost 23 U.S.C. Section 112(b)(2), 48 CFR Part 31, 23 CFR Part 172, and I also certify that I understand that all documentation of by acknowledge that costs that are noncompliant with the inbursement and must be returned to Caltrans.  Title**: Principal Investigator
Signature: William C. Rich Digitally signed by William C. Rich Date: 2018.08.29 13:57:54 -07'00'	Date of Certification (mm/dd/yyyy): 08/29/2018
Email**: wcr@williamrichandassociates.com	Phone Number**: 7078345347

Note: Both prime and subconsultants as parties of a contract must complete their own Exhibit 10-K forms. Caltrans will not process local agency's invoices until a complete Exhibit 10-K form is accepted and approved by Caltrans Audits and Investigations.

Distribution: 1) Original - Local Agency Project File

2) Copy - Consultant

<sup>\*\*</sup>An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President, a Chief Financial Officer, or equivalent, who has authority to represent the financial information used to establish the indirect cost rale.

(Note: If a Safe Harbor Indirect Cost Rate is approved, this form is not required.)

Consultant's Full Legal Name: MORRISON STRUCTURES, MC.

Important: Consultant means the individual or consultant providing engineering and design related services as a party of a contract with a recipient or sub-recipient of Federal assistance. Therefore, the Indirect Cost Rate(s) shall not be combined with its parent company or subsidiaries.

## Indirect Cost Rate:

Combined Rate 226.84	% OR	
Home Office Rate	% and Field Office Rate (if applicable)	%
Facilities Capital Cost of Money	% (if applicable)	
Fiscal period * 11/1/16 - 10/31/17		

\* Fiscal period is annual one year applicable accounting period that the Indirect Cost Rate was developed (not the contract period). The Indirect Cost Rate is based on the consultant's one-year applicable accounting period for which financial statements are regularly prepared by the consultant.

I have reviewed the proposal to establish an Indirect Cost Rate(s) for the fiscal period as specified above and have determined to the best of my knowledge and belief that:

- All costs included in the cost proposal to establish the indirect cost rate(s) are allowable in accordance with the cost principles of the Federal Acquisition Regulation (FAR) 48, Code of Federal Regulations (CFR), Chapter 1, Part 31 (48 CFR Part 31);
- The cost proposal does not include any costs which are expressly unallowable under the cost principles of 48 CFR Part 31;
- The accounting treatment and billing of prevailing wage delta costs are consistent with our prevailing wage policy as either direct labor, indirect costs, or other direct costs on all federallyfunded A&E Consultant Contracts.
- All known material transactions or events that have occurred subsequent to year-end affecting the consultant's ownership, organization, and indirect cost rates have been disclosed as of the date of this certification.

I am providing the required and applicable documents as instructed on Exhibit 10-A.

# Financial Management System:

Our labor charging, job costing, and accounting systems meet the standards for financial reporting, accounting records, and internal control adequate to demonstrate that costs claimed have been incurred, appropriately accounted for, are allocable to the contract, and comply with the federal requirements as set forth in <u>Title 23</u> States Code (U.S.C.) Section 112(b)(2); 48 CFR Part 31.201-2(d); 23 CFR, Chapter 1, Part 172.11(a)(2); and all applicable state and federal rules and regulations.

- Account numbers identifying allowable direct, indirect, and unallowable cost accounts;
- Ability to accumulate and segregate allowable direct, indirect, and unallowable costs into separate cost

- Ability to accumulate and segregate allowable direct costs by project, contract and type of cost;
- Internal controls to maintain integrity of financial management system;
- Ability to account and record costs consistently and to ensure costs billed are in compliance with FAR;
- Ability to ensure and demonstrate costs billed reconcile to general ledgers and job costing system; and
- Ability to ensure costs are in compliance with contract terms and federal and state requirement

### Cost Reimbursements on Contracts:

I also understand that failure to comply with 48 CFR Part 16.301-3 or knowingly charge unallowable costs to Federal-Aid Highway Program (FAHP) contracts may result in possible penalties and sanctions as provided by the following:

- Sanctions and Penalties 23 CFR Part 172.11(c)(4)
- False Claims Act Title 31 U.S.C. Sections 3729-3733
- Statements or entries generally Title 18 U.S.C. Section 1001
- Major Fraud Act Title 18 U.S.C. Section 1031

• Total participation amount \$ 1,825,000	on all State and FA	MP contracts for Architectural &
- Same and the consultant leve	ived iii die last inree fiscal r	periods.
<ul> <li>The number of states in which the consultant</li> </ul>	does business is /	
Years of consultant's experience with 48 CFI     Audit history of the consultant's experience	R Part 31 is <u>17</u> .	
Addit mistory of the consultant s current and	prior years (if applicable) Local Gov't ICR Audit	☐ Caltrans ICR Audit
☐ CPA ICR Audit ☐	Federal Gov't ICR Audit	
compliance must be retained by the consultant. I hereb	hursoment and must be	at are noncompliant with the
federal and state requirements are not eligible for reim Name**: Robert L. Morressal Ja.,		
Name**: ROBERT L. MORRISCAL JR.	Title**: PRESIDEN	
Name**: ROBERT L. MORIEISCAL JR., Signature: Romail**: Amorrison & Morrison & Morrison & Morrison & Morrison & Morrison & Maria & Mari		/dd/yyyy): <i>03/14/18</i>

Distribution: 1) Original - Local Agency Project File 2) Copy - Consultant

(Note: If a Safe Harbor Indirect Cost Rate is approved, this form is not required.)

Consultant's Full Legal Name:	Points West Surveying Company	

Important: Consultant means the individual or consultant providing engineering and design related services as a party of a contract with a recipient or sub-recipient of Federal assistance. Therefore, the Indirect Cost Rate(s) shall not be combined with its parent' company or subsidiaries.

#### **Indirect Cost Rate:**

Indirect Cost Rate: Home Office Rate 119.93 % Field Office Rate (if applicable) \_\_\_\_\_\_\_%, and Facility Capital Cost of Money \_\_\_\_\_\_% (if applicable) for fiscal period \* 1/1/2017-12/31/2017

\* Fiscal period is the annual one year accounting period that our Indirect Cost Rate was developed and based on (not the contract period) and that our financial statements are based on.

I have reviewed the proposal to establish an Indirect Cost Rate(s) for the fiscal period as specified above and have determined that:

- All costs included in the cost proposal to establish the indirect cost rate(s) are allowable in accordance with the cost principles of the Federal Acquisition Regulation (FAR) 48, Code of Federal Regulations (CFR), Chapter 1, Part 31 (48 CFR Part 31);
- The cost proposal does not include any costs which are expressly unallowable under the cost principles of 48 CFR Part 31;
- The accounting treatment and billing of prevailing wage delta costs are consistent with our
  prevailing wage policy as either direct labor, indirect costs, or other direct costs on all federallyfunded A&E Consultant Contracts.
- All known material transactions or events that have occurred affecting the consultant's ownership, organization, and indirect cost rates have been disclosed as of the date of this certification.

I am providing the required and applicable documents as instructed on Exhibit 10-A

#### Financial Management System:

Our labor charging, job costing, and accounting systems meet the standards for financial reporting, accounting records, and internal control adequate to demonstrate that costs claimed have been incurred, appropriately accounted for, are allocable to the contract, and comply with the federal requirements as set forth in <u>Title 23</u> <u>United States Code (U.S.C.) Section 112(b)(2)</u>; <u>48</u> <u>CFR Part 31.201-2(d)</u>; <u>23 CFR, Chapter 1, Part 172.11(a)(2)</u>; and all applicable state and federal rules and regulations.

- Account numbers identifying allowable direct, indirect, and unallowable cost accounts;
- Ability to accumulate and segregate allowable direct, indirect, and unallowable costs into separate cost accounts:
- Ability to accumulate and segregate allowable direct costs by project, contract and type of cost;

- Internal controls to maintain integrity of financial management system;
- Ability to account and record costs consistently and to ensure costs billed are in compliance with FAR;
- Ability to ensure and demonstrate costs billed reconcile to general ledgers and job costing system; and
- Ability to ensure costs are in compliance with contract terms and federal and state requirements.

## Cost Reimbursements on Contracts:

I also understand that failure to comply with 48 CFR Part 16.301-3 or knowingly charge unallowable costs to Federal-Aid Highway Program (FAHP) may result in possible penalties and sanctions as provided by the following:

- Sanctions and Penalties 23 CFR Part 172.11(c)(4)
- False Claims Act Title 31 U.S.C. Sections 3729-3733
- Statements or entries generally <u>Title 18 U.S.C. Section 1001</u>
- Major Fraud Act <u>Title 18 U.S.C. Section 1031</u>

All A&E	Contract	Inform	<u> 1ation:</u>
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<ul> <li>received in the last three fiscal periods in Fede</li> <li>The number of states in which the consultant of</li> <li>Years of consultant's experience with 48 CFR</li> <li>Audit history of the consultant (Check all that</li> </ul>	loes business is  Part 31 is  apply)  PA ICR Audit
cost principles have been removed and comply with Tit and all applicable state and federal rules and regulation	any costs which are expressly unallowable under the Federal lie 23 U.S.C. Section 112(b)(2), 48 CFR Part 31, 23 CFR Part 172, as. I also certify that I understand that all documentation of by acknowledge that costs that are noncompliant with the
Name**: Michael D. Pulley	Title**: Vice President, Principal + CFO
Signature MD Roy	Date of Certification (mm/dd/yyyy): 02/01/2019
Email**: pulley@pointswestsurveying.com	Phone Number **: 707.840.9510
** An individual avacutive or financial officer of the consultant's	or subconsultant's organization at a level no lower than a Vice President, a Chief
Financial Officer, or equivalent, who has authority to represent the	he financial information used to establish the indirect cost rate.
Financial Officer, or equivalent, who has authority to represent the	the financial information used to establish the indirect cost rate.  It is the financial information used to establish the indirect cost rate.  It is the financial information used to establish the indirect cost rate.