CITY OF COACHELLA	_		COST PROPOS	SAL	Exhibit 10-H1	Page 1 of 4
Avenue 50 Bridge Over CVS	\checkmark		sultant 🗌	Subconsulta	nt 🗆	2nd Tier Sub
Consultant <u>AnGenious Eng</u> Project No.	gineering Servi	ices, Inc.	Contract No.	TBD	Date	18-Apr-21
DIRECT LABOR						
Classification/Title		Name		Hours	Hourly Rates	Total
Project Manager	Andy Cheah			981	\$125.00	\$122,625.00
Sr. Project Engineer	Ray Ong			1,223	\$95.00	\$116,185.00
Project Engineer II	Cran Manila			1,394	\$85.00	\$118,490.00
Project Engineer I	Nick Khoo			890	\$70.00	\$62,300.00
Engineer III	Nik Patel			1,060	\$60.00	\$63,600.00
Engineer II	Josh Sun			800	\$52.00	\$41,600.00
Engineer I	Darren Cheah			1,340	\$41.00	\$54,940.00
Admin Assistant				-	\$38.50	\$0.00
				7,688	,	\$579,740.00
				,,		<i>\\</i>
a) Subtotal Direct Labor Costs					\$579,740.00	
b) Anticipated Salary Increases	(see page 2 for s	ample)			\$22,792.48	
s, i interpatea salar i inercases	(See page 2 for st	ampic)			COSTS [(a) + (b)]	\$602,532.48
FRINGE BENEFITS			c, IOIAE			J002,JJ2.40
		١	a) Tatal F	ringe Benefits		
u) Filinge Benefits (Rate	:)	e) Total F	-	¢0.00	
				[(c) x (d)]	\$0.00	
INDIRECT COSTS						
f) Overhead	(Rate:	110.00%	g) Over	head [(c) x (f)]	\$662,785.73	
h) General and Administrative	(Rate:) i) Gen & Ad	lmin [(c) x (h)]	\$0.00	
			<u> </u>			
			j) To	tal Indirect Co	sts [(e) + (g) + (i)]	\$662,785.73
						. ,
FIXED FEE (Profit)						
q) (Rate: 10.00%	١				$\mathbf{T}\left[\left(a\right)+\left(i\right)\right]\times\left(a\right)\right]$	\$126,531.82
q) (Rate: 10.00%)		K) 1017	AL FIAED PROP	IT [(c) + (j)] x (q)]	\$120,551.62
I) OTHER DIRECT COSTS (ODC)						
Description		Unit(s)		Unit Cost	Total	
Copy/Reprograph	ics	6000	Page	\$3.00	\$18,000.00	
Mails		100	Each	\$20.00	\$2,000.00	
Mileage		7320	Miles	\$20.00		
Tolls						
TONS		30	Trips	\$15.00		
		1,101	TAL OTHER DIREC	.1 COSTS	\$24,549.20	
m) Cubeenculture						
m) Subconsultants:	. In a				6224 227 27	0.05
Earth Mechanics					\$231,395.27	DBE
Michael Baker Ir	iternational				\$398,378.12	
NV5, Inc					\$246,444.30	
Paragon Partner					\$99,837.09	
Transystems Cor	poration				\$699,953.56	
			10% Ac	dministrative	\$167,600.83	
		m) TOTAL	SUBCONSULTA	NT'S COSTS	\$1,843,609.18	
	n) ⁻	Total Other	Direct Costs Incl	uding Subcons	ultants [(l) + (m)]	\$1,868,158.38
				TOTAL COST [(c) + (j) + (k) + (n)]	\$3,260,008.40

CITY OF COACHELLA COST PROPOSAL Exhibit 10-H1 Page 2 of 4 Avenue 50 Bridge Over CVSC □ Prime Consultant □ Subconsultant □ 2nd Tier Sub Consultant AnGenious Engineering Services, Inc. Contract No. TBD Project No. Date 1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total **Direct Labor Total Hours** Avg Hourly 2 Year Contract Subtotal per Cost per Cost Proposal Duration Rate Proposal

7,688

=

\$75.41

Year 1 Avg Hourly Rate

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

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$75.41	+	3%	=	\$77.67	Year 2 Avg Hourly Rate
Year 2	\$77.67	+	3%	=	\$80.00	Year 3 Avg Hourly Rate
Year 3	\$80.00	+	3%	=	\$82.40	Year 4 Avg Hourly Rate
Year 4	\$82.40	+	3%	=	\$84.87	Year 5 Avg Hourly Rate

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

\$579,740.00

	Estimated %		Total Hours		Total Hours	
	Completed Each Year		per Cost Proposal		per Year	
Year 1	5.00%	*	7688.0	=	384.4	Estimated Hours Year 1
Year 2	60.00%	*	7688.0	=	4612.8	Estimated Hours Year 2
Year 3	35.00%	*	7688.0	=	2690.8	Estimated Hours Year 3
Year 4		*	7688.0	=	0.0	Estimated Hours Year 4
Year 5		*	7688.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	7688.0	

	Avg Hourly Rate		Estimated hours			
	(calculated above)		(calculated above)		Cost per Year	
Year 1	\$75.41	*	384	=	\$28,987.00	Estimated Hours Year 1
Year 2	\$77.67	*	4613	=	\$358,279.32	Estimated Hours Year 2
Year 3	\$80.00	*	2691	=	\$215,266.16	Estimated Hours Year 3
Year 4	\$82.40	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$84.87	*		=	\$0.00	Estimated Hours Year 5
	Total Dire	ect Labor Cost w	=	\$602,532.48		
	Direct Lal	bor Subtotal bei	=	\$579,740.00		
	Estimated to	tal of Direct Lab	=	\$22,792.48	Transfer to Page 1	

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

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name:	Title *:
	Date of Certification
Signature :	(mm/dd/yyyy):
Email:	Phone Number:
Address:	

CITY OF COACHELLA

Avenue 50 Bridge Over CVSC

	Fully Lo	H WORK - ESTIVIATED HOURS WORKSHEET aded Hourly Rate (Direct Labor, overhead, and profit)	\$288.75	\$219.45	\$196.35	\$161.70	\$138.60	\$120.12	\$94.71	\$88.94			-
	ask No		-	-	Cran Manila	-		Josh Sun	Darren Cheah	0	RS	μ'n	with ition
		Staff Classification	Project Manager	Sr. Project Engineer	Project Engineer II	Project Engineer I	Engineer III	Engineer II	Engineer I	Admin Assistant	TOTAL HOURS	TOTAL COST without Labor Escalation	TOTAL COST with Labor Escalation
1	Projec	t Management Services											
	1.1	Administration	80								80	\$23,100.00	\$24,008.18
	1.2	Coordination and Meetings	120								120	\$34,650.00	\$36,012.20
	1.3	Quality Assurance and Quality Control	60								60	\$17,325.00	\$18,006.13
	1.4	Project Schedule	40								40	\$11,550.00	\$12,004.09
	1.5	Risk Management	40								40	\$11,550.00	\$12,004.09
	1.6	Project Budget, Cost Accounting and Reporting	32								32	\$9,240.00	\$9,603.27
	1.7	Prepare Funding Applications	40			40			80		160	\$25,594.80	\$26,601.00
2	Draft	Final Design Services (35% PS&E)											
	2.1	Surveys and Mapping									0	\$0.00	\$0.00
	2.2	Prepare Draft Plans	8	20	40		80		80		228	\$33,217.80	\$34,523.76
	2.3	Prepare Draft Cost Estimates	8	8		40		40			96	\$15,338.40	\$15,941.43
		Drainage Report	8	16							24	\$5,821.20	\$6,050.06
	2.5	Structures Type Selection Report, GP, & Estimate	8	16							24	\$5,821.20	\$6,050.06
		Geotechnical Design Report	8	8							16	\$4,065.60	\$4,225.44
		Utility Coordination and Research	16	24	40			40			120	\$22,545.60	\$23,431.98
		Right-Of-Way Requirements and Engineering	8	20		40	40		80		188	\$26,287.80	\$27,321.30
		2.8.1. Prepare Right-of-way requirements			40			80			120	\$17,463.60	\$18,150.18
		2.8.2. Prepare Legal Descriptions and Plat Maps	8	16	24						48	\$10,533.60	\$10,947.73
3	Right-	Of-Way Acquisition Services											
		Appraisal	20	32		40			40		132	\$23,053.80	\$23,960.16
	-	Acquisition Support Services	20	32		40			40		132	\$23,053.80	\$23,960.10
4	Permi	ts/Agreements											
		Clean Water Act Section 401 Water Quality	8		20			40			68	\$11,041.80	\$11,475.93
		Clean Water Act Section 404 Standard Individual Permit	8		20			40			68	. ,	. ,
		California Fish and Game Code Section 1602 Streambed	8		20			40			68	\$11,041.80	
		CVWD Encroachment Permit	8	20							28	\$6,699.00	\$6,962.37
5		Final Design Services – 65% PS&E Submittal											
		Title Sheet	1	1		4			20		26	\$3,049.20	\$3,169.08
		Typical Cross Sections	2	16	24		80				122	\$19,889.10	\$20,671.04
		Plan and Profile Sheets	8	40	40			40	60		188	\$29,429.40	\$30,586.42
		Construction Details	8	16		40	-		40		144	\$21,621.60	\$22,471.65
		Grading Plans	8		40						168	\$29,568.00	\$30,730.47
		Drainage Report and Plans	4	16	20						40	\$8,593.20	\$8,931.04
		Irrigation Lateral and Tile Drain System	8	16							24	\$5,821.20	
l '		Water Plans	8	20	40			40			108	\$19,357.80	\$20,118.8
'		Utility Plans	24	32	40		40				136	\$27,350.40	\$28,425.68
1 '		Summary of Quantities	4	8 20	8		40	40			100	\$14,830.20	\$15,413.2
l '		Stage Construction Plans	8		40		40	40			108	\$19,357.80	\$20,118.8
		Traffic Handling and Detour Plans	8	20	40		40				108	\$20,097.00	\$20,887.12
		Signing and Pavement Delineation Plans	8	8	8		40		60	┝──┤	124	\$16,863.00	\$17,525.9
		Traffic Signal and Street Lighting Plans Temporary Water Pollution and Erosion Control Plans	4	8	8						20	\$4,481.40	\$4,657.5
		Retaining Wall Plans	4	8 20	40		40		60	┝──┨	20 168	\$4,481.40 \$25,779.60	\$4,657.59 \$26,793.12

		Bridge Plans	4	8	8						20		\$4,657.5
S-10ContistmatesSin UnitSin Un			4	8	8						20	\$4,481.40	\$4,657.5
6 Dest Final Design Services - 95% PS&E Submittal Image Plans Imas Image Plans Ima			8	16		40			40		104	\$16,077.60	\$16,709.6
n.1 Title Sheet 1 4 1 4 12 131 5.291.73 16.2 Typical Cross Sections 2 20 40 40 40 40 40 60 138 55.93.76 67.97 16.4 Onstruction Details 8 40	5.20	Specifications	8	32							40	\$9,332.40	\$9,699.3
c2 Typical Cross Sections 2 20 40 55 50 40 40 55 50 40 40 55 50 40 55 50 40 55 50 40 50 40 40 55 50 40 40 40 55 50 40 40 40 40 40 40 50 </td <td></td>													
bit Jan and Profile Sheets 9 40 40 40 60 188 5224.94.9 5224.94.9 5234.00 5234.00 5234.00 5234.00 5234.00 5234.00 5234.00 53593.70 53593.70 53593.70 53593.70 53593.70 53593.70 53593.70 53593.70 53593.70 53593.70 53593.70 53593.70 53593.70 53593.70 53593.70 53593.70 53593.70 53593.70 5357.750.40 53593.70 5357.750.40 53593.70 5357.750.40 53593.70 5357.750.40 53593.70 5357.750.40 53593.70 640 40	6.1	Title Sheet	1	1		4			12		18	\$2,291.52	\$2,381.6
6.4 Construction Details 8 16 40 40 44 \$21,61,60 6.5 Grainage Plans 6 128 \$57,300,00 128 \$57,300,00 128 \$57,300,00 128 \$57,300,00 128 \$57,300,00 128 \$58,212,00 128 \$58,212,00 128 \$58,212,00 128 \$58,212,00 128 \$58,212,00 128 \$58,212,00 128 \$58,212,00 128 \$58,212,00 128 \$51,233,30,00 151 \$51,235,30,00 139 \$51,235,30,00 139 \$51,235,30,00 139 \$51,235,30,00 151 \$51,253,20,00 158 \$51,235,30,00 151 \$51,253,20,00 158 \$51,233,30,00 151 \$51,253,20,00 158 \$51,233,30,00 151 151 \$51,253,20,00 158 \$51,239,20,00 151 \$51,254,20,00 158 \$51,239,20,00 151 \$51,254,20,00 151 \$51,254,20,00 151 \$51,254,20,00 151 \$51,254,20,00 151 \$51,254,20,00 151 \$51,254,20,00 <	6.2	Typical Cross Sections	2	20	40	40	80				182		\$31,570.7
b Grading Plans 6 4 6 7 <	6.3	Plan and Profile Sheets	8	40	40			40	60		188	\$29,429.40	\$30,586.4
6.6 Trainage Plans 4 10 20 40 \$5.93.20 6.7 Irrigation Lateral and Tile Drain System 8 20 40 40 106 \$53.357.80 6.9 Ubility Plans 24 32 40 40 136 \$57.373.40 6.10 Summary of Quantities 8 20 40 40 136 \$57.373.40 6.11 Singing and Savement Delineation Plans 8 20 40 86 40 148 \$53.22.273.80 6.12 Frain Manding and Detour Plans 8 20 40 86 40 48 \$53.03.00 6.13 Signing and Savement Delineation Plans 8 8 8 40 40 40 40 40 53.40.80.00 6.14 Traffic Signal and Structure Lighting Plans 4 8 8 40 40 40 40 40 59.37.80 6.13 Brait Signal and Structure Lighting Plans 8 30 40 40 5	6.4	Construction Details	8	16		40	40		40		144	\$21,621.60	\$22,471.6
c.7 irrigation Lateral and Tile Drain System 8 10 24 58.821.20 6.8 Water Plans 24 23 40 40 136 52.7350.40 6.9 Utility Plans 24 23 40 40 136 52.7350.40 6.10 Summary of Quantities 4 6 8 40 40 136 52.7350.40 6.11 Stage Construction Plans 8 20 40 80 40 148 53.23.23.00 6.13 Signing Advertent Delineation Plans 8 8 40 60 124 51.68.63.00 6.13 Signing Mall Plans 4 8 4 8 20 44.4 4 8 20 44.4 20 54.481.40 6.13 Signing Parks 8 20 40 40 60 136 52.779.60 6.13 Signing Parks 8 20 40 40 40 50.332.40 20 54.481.40	6.5	Grading Plans	8		40	80					128	\$23,100.00	\$24,008.1
6.8 Water Plans 8 20 40 40 108 \$19.337.80 6.9 Unity Plans 24 32 40 40 40 100 \$14.830.20 6.10 Signer Construction Plans 6 20 40 80 40 40 100 \$14.830.20 6.11 Signer Construction Plans 6 20 40 80 40 60 122 \$15.83.03 100 \$14.830.20 \$15.85.03 100 \$14.81.43 100 \$44.81.40 6.13 \$15.85.03 100 \$4.8 8 40 60 122 \$15.85.03 100 \$44.81.40 100 \$15.8 \$33.03.20 \$15.8 \$15.277.80 100 \$16.18 \$25.778.00 100 \$16.77.80 \$15.9 \$1	6.6	Drainage Plans	4	16	20						40	\$8,593.20	\$8,931.0
6-9 Utility Plans 72 33 40 40 40 136 57.730.40 6.10 Stage Construction Plans 6 8 40 40 100 51.830.20 6.11 Stage Construction Plans 8 20 40 80 40 60 1.88 532.233.80 6.13 Signing and Pavement Delineation Plans 8 8 40 60 1.24 55.63.60 6.14 Traffic Handling and Decoment Delineation Plans 6 8 8 40 60 1.28 55.775.60 6.15 Tempory Water Polition and Erosion Control Plans 8 8 40 40 60 1.58 525.775.60 6.13 Single Plans 4 8 40 40 532.775.60 532.775.60 532.775.60 532.775.60 1.4 40 40 40 40 532.2775.60 532.775.60 532.775.60 532.775.60 532.775.60 532.775.60 532.775.60 532.775.60 532.775.60 532.775.60	6.7	Irrigation Lateral and Tile Drain System	8	16							24	\$5,821.20	\$6,050.0
510 Summary of Quantities 6 8 8 40 40 100 \$14,830.20 6.11 Stage Construction Plans 8 20 40 80 40 188 \$32,238.0 6.13 Traffic Handling and Detour Plans 8 20 40 80 40 60 124 \$32,333.00 6.13 Traffic Handling and Detour Plans 8 8 4 40 60 124 \$36,843.00 6.14 Traffic Handling and Detour Plans 4 8 8 40 60 124 \$36,843.00 6.14 Traffic Handling and Detour Plans 4 8 8 40 60 124 \$36,877.60 6.13 Experitance 8 12 40 40 40 104 \$36,776.00 7.1 Title Shet 1 1 2 8 12 51,598.20 7.1 Title Shet 1 1 2 8 12 51,598.20	6.8		8	20	40			40			108	\$19,357.80	\$20,118.8
5.11 Stage Construction Plans 8 0 40 188 932,293.80 6.12 Tifk I Traffic Sagnal and Street Lighting Plans 6 6 40 60 124 Stage Sta	6.9	Utility Plans	24	32	40		40				136	\$27,350.40	\$28,425.6
5.11 Stage Construction Plans 8 0 40 188 932,293.80 6.12 Tifk I Traffic Sagnal and Street Lighting Plans 6 6 40 60 124 Stage Sta	6.10		4	8	8		40	40			100	\$14,830.20	\$15,413.2
6.13 Signing and Pavement Delineation Plans 8 8 40 60 124 States 6.14 Trafic Signal and Street Lighting Plans 0 8 8 1 20 States 6.15 Temporary Water Pollution and Erosion Control Plans 4 8 8 1 20 States 6.15 Retaining Wall Plans 4 8 8 1 20 States 6.17 Bridge Plans 4 8 8 1 20 States 51.6 States 8 1 20 States 51.7 Stridge Plans 4 8 40 40 40 20 States 51.7 Stridge Plans 8 1 1 2 4 60 100 States 51.7 Stridge Plans 8 1 1 1 2 1 1 1 2 1 1 1 1 2 1 1 1 1 1 2 1	6.11	Stage Construction Plans	8	20	40	80		40			188	\$32,293.80	\$33,563.4
6.13 Signing and Pavement Delineation Plans 8 8 40 60 124 States 6.14 Trafic Signal and Street Lighting Plans 6 8 8 1 20 States 6.15 Temporary Water Pollution and Erosion Control Plans 4 8 8 1 20 States 6.16 Retaining Wall Plans 4 8 40 40 60 168 St5,7756.0 6.17 Bridge Plans 4 8 40 40 40 20 States 6.13 Specifications 8 12 40 40 40 39,332.40 7 Final Design Services - 100% PS&E Submittal 1 1 2 8 122 States 52,277.60 7.1 Titig Sheet 1 1 2 8 140 40 40 144 52,277.60 7.2 Typical Cross Sections 2 16 2 40 40 52,527.75.60 7.4	6.12		8	20	40	80	40				188	\$33,033.00	\$34,331.6
E.5 Temporary Water Pollution and Erosion Control Plans 4 8 8 1 20 \$4.481.40 6.16 Retaining Wall Plans 4 8 20 40 40 60 168 \$25,773.60 6.17 Bridge Plans 4 8 8 1 20 \$4.481.40 6.18 Specifications 8 32 1 1 40 40 104 \$16,077.60 7 Final Design Services - 100% PS&E Submittal 1 1 2 1 8 12 \$Specifications 12 \$1,589.28 7.1 Title Sheet 1 1 2 4 60 102 \$1,171.10 7.3 Plan and Profile Sheets 8 14 40 40 40 40 52,277.60 7.4 Construction Details 8 16 40 40 40 \$22,776.60 7.5 Grading Plans 4 16 0 48 \$26,32.00 7.17			8	8	8		40		60		124	\$16,863.00	\$17,525.9
E.5 Temporary Water Pollution and Erosion Control Plans 4 8 8 1 20 \$4.481.40 6.16 Retaining Wall Plans 4 8 20 40 40 60 168 \$25,773.60 6.17 Bridge Plans 4 8 8 1 20 \$4.481.40 6.18 Specifications 8 32 1 1 40 40 104 \$16,077.60 7 Final Design Services - 100% PS&E Submittal 1 1 2 1 8 12 \$Specifications 12 \$1,589.28 7.1 Title Sheet 1 1 2 4 60 102 \$1,171.10 7.3 Plan and Profile Sheets 8 14 40 40 40 40 52,277.60 7.4 Construction Details 8 16 40 40 40 \$22,776.60 7.5 Grading Plans 4 16 0 48 \$26,32.00 7.17	6.14	Traffic Signal and Street Lighting Plans	4	8	8						20	\$4,481.40	\$4,657.5
6.17 Bridge Plans 4 8 8 4 8 8 4 8 8 10 40 20 \$4,44,10 6.18 Specifications 8 22 4 40 40 \$3,32,40 40 \$3,32,40 40 \$3,32,40 40 \$3,32,40 40 \$3,32,40 40 \$3,32,40 40 \$3,32,40 40 40 \$3,32,40 40 \$3,32,40 40 \$3,32,40 40 \$40 \$40 \$40 \$3,32,40 7.7 Tirlis Sheet 1 1 1 2 8 12 \$1,59,28 7.7 Tyrical Cross Sections 2 16 40 40 40 40 40 40 40 40 40 40 40 40 40 40 52,27,76,60 7.7 Triange Plans 8 16 20 40 40 40 \$5,59,21,20 7.7 7.7 Triange Plans 8 20 40 40 40 4	6.15	Temporary Water Pollution and Erosion Control Plans	4	8	8						20	\$4,481.40	\$4,657.5
6.8 Cost Estimates 6.9 1.0 4.0 1.0.4 5.16.077.60 7 Final Descriptions 2.00 0 0 0 0.00 <td>6.16</td> <td>Retaining Wall Plans</td> <td>8</td> <td>20</td> <td>40</td> <td></td> <td>40</td> <td></td> <td>60</td> <td></td> <td>168</td> <td>\$25,779.60</td> <td>\$26,793.1</td>	6.16	Retaining Wall Plans	8	20	40		40		60		168	\$25,779.60	\$26,793.1
6.19 Specifications 8 32 0 <th0< th=""> <th0< th=""> 0</th0<></th0<>	6.17	Bridge Plans	4	8	8						20	\$4,481.40	\$4,657.5
7 Final Design Services - 100% PS&E Submittal Image of the set	6.18	Cost Estimates	8	16		40			40		104	\$16,077.60	\$16,709.6
7.1 Title Sheet 1 1 2 8 12 \$1,589.28 7.2 Typical Cross Sections 2 16 24 60 102 \$1,117.10 7.3 Plan and Profile Sheets 8 24 24 60 40 60 156 \$52,77.60 7.4 Construction Details 8 16 40 40 40 40 40 521,621.60 7.6 7.5 Grading Plans 8 40 40 40 40 40 88 \$16,632.00 7.6 Drainage Plans 4 15 20 40 40 40 40 526,934.60 7.9 Utility Plans 8 20 40 40 40 40 116 523,138.80 7.10 Summary of Quantities 4 8 8 40 40 60 510,025.40 7.12 Traffic Handing and Detour Plans 8 20 24 40 60 122 \$16,830.00 7.12 Traffic Handing and Detour Plans 8 20 <td>6.19</td> <td>Specifications</td> <td>8</td> <td>32</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>40</td> <td>\$9,332.40</td> <td>\$9,699.3</td>	6.19	Specifications	8	32							40	\$9,332.40	\$9,699.3
7.2 Typical Cross Sections 2 16 24 60 102 \$17,117.10 7.3 Plan and Profile Sheets 8 24 24 40 60 156 \$522,776.60 7.4 Construction Details 8 16 40 40 40 40 40 44 \$22,776.60 7.5 Grading Plans 8 40 40 40 40 40 40 88 \$21,632.00 7.6 Drainage Plans 4 16 20 40 40 88,532.20 40 40 40 88,532.30 44 526,934.60 40 40 80 188 526,934.60 40 40 40 80 188 526,934.60 40 40 40 40 40 40 40 40 526,934.60 40 40 40 40 40 526,934.60 40 40 40 40 511,318.80 41.13 526,934.60 40 40 40 40 510,513.40 41.13 511,513.60 40 40 40 <td< td=""><td>7 Final</td><td>Design Services – 100% PS&E Submittal</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	7 Final	Design Services – 100% PS&E Submittal											
7.3 Plan and Profile Sheets 8 24 24 40 60 156 \$\$22,76.60 7.4 Construction Details 8 16 40 40 40 40 44 \$\$21,621.60 7.5 Grading Plans 4 16 20 40 40 40 40 40 40 40 53,632.00 7.6 Drainage Plans 4 16 20 40 40 40 40 53,632.00 7.8 Water Plans 8 20 40 40 80 526,934.60 16 7.0 100 188 526,934.60 188 526,934.60 172 523,793.00 188 526,934.60 172 523,793.00 172 523,793.00 172 523,793.00 172 523,793.00 172 523,793.00 172 523,793.00 172 523,793.00 172 523,793.00 172 523,793.00 172 523,793.00 173 516,955.40 174 174fific Handling and Detour Plans 8 8 40 60 168 525,776.0 17.13	7.1	Title Sheet	1	1		2			8		12	\$1,589.28	\$1,651.7
7.3 Plan and Profile Sheets 8 24 24 40 60 156 \$\$22,76.60 7.4 Construction Details 8 16 40 40 40 40 44 \$\$21,621.60 7.5 Grading Plans 4 16 20 40 40 40 40 40 40 40 53,632.00 7.6 Drainage Plans 4 16 20 40 40 40 40 53,632.00 7.8 Water Plans 8 20 40 40 80 526,934.60 16 7.0 100 188 526,934.60 188 526,934.60 172 523,793.00 188 526,934.60 172 523,793.00 172 523,793.00 172 523,793.00 172 523,793.00 172 523,793.00 172 523,793.00 172 523,793.00 172 523,793.00 172 523,793.00 172 523,793.00 173 516,955.40 174 174fific Handling and Detour Plans 8 8 40 60 168 525,776.0 17.13	7.2	Typical Cross Sections	2	16	24		60				102	\$17,117.10	\$17,790.0
7.4 Construction Details 8 16 40 <td< td=""><td></td><td></td><td>8</td><td>24</td><td>24</td><td></td><td></td><td>40</td><td>60</td><td></td><td></td><td></td><td>\$23,672.0</td></td<>			8	24	24			40	60				\$23,672.0
7.5 Grading Plans 8 40 40 40 40 40 40 40 40 40 40 58,593.20 7.6 Drainage Plans 4 16 20 40 40 58,593.20 40 40 58,593.20 40 40 58,593.20 57,80 40 58,593.20 57,80 40 58,593.20 57,80 40 58,593.20 57,80 40 58,593.20 57,80 40 58,593.20 57,80 40 52,693.4,60 40 52,693.4,60 40 52,693.4,60 40 40 40 40 40 40 40 40 40 40 51,138.80 51,138.50,183.80 51			8			40	40		40				\$22,471.6
7.6 Drainage Plans 4 16 20 4 40 \$\$,593.20 7.7 Irrigation Lateral and Tile Drain System 8 16 40 40 24 \$\$,582.1.20 7.8 Water Plans 8 20 40 40 80 188 \$\$,269.34.60 7.9 Utility Plans 24 32 40 40 40 80 188 \$\$,269.34.60 7.9 Utility Plans 24 32 40 40 40 80 188 \$\$,269.34.60 7.10 Summary of Quantities 4 8 8 40 60 \$\$,002.5.40 7.11 Stage Construction Plans 8 20 24 40 80 124 \$\$,683.00 7.12 Traffic Handling and Detour Plans 8 20 24 40 60 124 \$\$,683.00 7.13 Signing and Pavement Delineation Plans 8 8 40 60 124 \$\$,683.00 7.14 Traffic Signal and Street Lighting Plans 4 8 8 40 60 </td <td>7.5</td> <td></td> <td>8</td> <td></td> <td>40</td> <td>40</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$17,285.8</td>	7.5		8		40	40							\$17,285.8
7.7 Irrigation Lateral and Tile Drain System 8 16			4	16	20								\$8,931.0
7.8 Water Plans 8 20 40 40 80 188 \$\$26,934.60 7.9 Utility Plans 24 32 40 40 40 40 40 176 \$\$31,138.80 7.10 Summary of Quantities 4 8 8 40 60 \$\$10,025.40 7.11 Stage Construction Plans 8 20 24 40 60 \$\$10,025.40 7.12 Traffic Handling and Detour Plans 8 20 24 40 60 \$\$10,025.40 7.13 Signing and Pavement Delineation Plans 8 20 24 40 9 60 \$\$16,955.40 7.13 Signing and Pavement Delineation Plans 8 8 8 40 60 124 \$\$16,863.00 7.14 Traffic Signal and Street Lighting Plans 4 8 8 6 60 168 \$\$25,779.60 7.15 Freetaining Wall Plans 8 20 40 40 40 40 \$\$24,881.40 7.16 Retaining Wall Plans 8 32 40 <td></td> <td>-</td> <td>8</td> <td>16</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>24</td> <td></td> <td>\$6,050.0</td>		-	8	16							24		\$6,050.0
7.10 Summary of Quantities 4 8 8 40 60 \$10,025.40 7.11 Stage Construction Plans 8 20 24 40 80 172 \$23,793.00 7.12 Traffic Handling and Detour Plans 8 20 24 40 0 92 \$16,955.40 7.13 Signing and Pavement Delineation Plans 8 8 40 60 124 \$56,83.00 7.14 Traffic Signal and Street Lighting Plans 4 8 8 0 0 20 \$4,481.40 7.15 Temporary Water Pollution and Erosion Control Plans 4 8 8 0 0 168 \$25,779.60 7.18 Retaining Wall Plans 4 8 8 0 0 104 \$16,077.60 7.18 Cost Estimates 8 16 40 40 40 40 40 40 30 33,344.40 7.18 Specifications 8 32 0 0 40 40 40 40 40 40 34,481.40 40	7.8	,	8	20	40			40	80		188		\$27,993.5
7.11 Stage Construction Plans 8 20 24 40 40 80 172 \$23,793.00 7.12 Traffic Handling and Detour Plans 8 20 24 40 60 124 \$16,955.40 7.13 Signing and Pavement Delineation Plans 8 8 8 40 60 124 \$16,863.00 7.14 Traffic Signal and Street Lighting Plans 4 8 8 40 60 124 \$16,863.00 7.15 Temporary Water Pollution and Erosion Control Plans 4 8 8 6 60 128 \$25,779.60 7.16 Retaining Wall Plans 8 20 40 40 60 168 \$25,779.60 7.17 Bridge Plans 4 8 8 6 60 104 \$16,07.60 7.13 Specifications 8 16 40 6 104 \$16,07.60 7.17 Bridge Plans 8 16 40 6 104 \$16,07.60 7.18 Cost Estimates 8 16 40 <td< td=""><td>7.9</td><td>Utility Plans</td><td>24</td><td>32</td><td>40</td><td></td><td>40</td><td></td><td>40</td><td></td><td>176</td><td>\$31,138.80</td><td>\$32,363.0</td></td<>	7.9	Utility Plans	24	32	40		40		40		176	\$31,138.80	\$32,363.0
7.11 Stage Construction Plans 8 20 24 40 40 80 172 \$23,793.00 7.12 Traffic Handling and Detour Plans 8 20 24 40 60 124 \$16,955.40 7.13 Signing and Pavement Delineation Plans 8 8 8 40 60 124 \$16,863.00 7.14 Traffic Signal and Street Lighting Plans 4 8 8 40 60 124 \$16,863.00 7.15 Temporary Water Pollution and Erosion Control Plans 4 8 8 6 60 128 \$25,779.60 7.16 Retaining Wall Plans 8 20 40 40 60 168 \$25,779.60 7.17 Bridge Plans 4 8 8 6 60 104 \$16,07.60 7.13 Specifications 8 16 40 6 104 \$16,07.60 7.17 Bridge Plans 8 16 40 6 104 \$16,07.60 7.18 Cost Estimates 8 16 40 <td< td=""><td>7.10</td><td>Summary of Quantities</td><td>4</td><td>8</td><td>8</td><td></td><td>40</td><td></td><td></td><td></td><td>60</td><td>\$10,025.40</td><td>\$10,419.5</td></td<>	7.10	Summary of Quantities	4	8	8		40				60	\$10,025.40	\$10,419.5
7.13 Signing and Pavement Delineation Plans 8 8 4 4 60 124 \$16,863.00 7.14 Traffic Signal and Street Lighting Plans 4 8 8 0 0 20 \$4,481.40 7.15 Temporary Water Pollution and Erosion Control Plans 4 8 8 0 0 20 \$4,481.40 7.16 Retaining Wall Plans 8 20 40 40 60 168 \$25,779.60 7.17 Bridge Plans 4 8 8 0 0 104 \$4,481.40 7.18 Cost Estimates 8 16 40 40 60 168 \$25,779.60 7.17 Bridge Plans 4 8 8 0 0 104 \$16,077.60 7.18 Cost Estimates 8 32 0 0 40 40 40 40 \$316,077.60 7.19 Specifications 8 32 0 0 40 \$32,989.80 \$32 0 40 40 40 40 \$32,989.80	7.11		8	20	24			40	80		172		\$24,728.4
7.14 Traffic Signal and Street Lighting Plans 4 8 8 0 0 20 \$4,481.40 7.15 Temporary Water Pollution and Erosion Control Plans 4 8 8 0 0 20 \$4,481.40 7.16 Retaining Wall Plans 8 20 40 40 60 168 \$25,779.60 7.17 Bridge Plans 4 8 8 0 0 600 168 \$25,779.60 7.17 Bridge Plans 4 8 8 0 0 400 400 400 400 400 400 400 400 516,077.60	7.12	Traffic Handling and Detour Plans	8	20	24		40				92	\$16,955.40	\$17,622.0
7.15 Temporary Water Pollution and Erosion Control Plans 4 8 8 0 0 20 \$4,481.40 7.16 Retaining Wall Plans 8 20 40 40 60 168 \$25,779.60 7.17 Bridge Plans 4 8 8 0 0 600 168 \$25,779.60 7.18 Cost Estimates 4 8 8 0 0 400<	7.13	Signing and Pavement Delineation Plans	8	8	8		40		60		124	\$16,863.00	\$17,525.9
7.16 Retaining Wall Plans 8 20 40 40 60 168 \$25,779.60 5 7.17 Bridge Plans 4 8 8 6 60 168 \$25,779.60 5 7.18 Cost Estimates 8 16 40 40 40 104 \$16,077.60 7.19 Specifications 8 32 6 6 60 40 \$9,332.40 6 8 Resident Engineer File and Supplemental Materials 6 80 60 80 40 40 \$9,332.40 6 8.1 Resident Engineer's Pending File 8 60 80 40 40 60 188 \$35,989.80 6 8.2 Supplemental PS&E Materials 8 60 80 40 40 40 128 \$23,746.80 6 9 Contract Bid Documents (Ready-To-List) 6 <td>7.14</td> <td>Traffic Signal and Street Lighting Plans</td> <td>4</td> <td>8</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>20</td> <td>\$4,481.40</td> <td>\$4,657.5</td>	7.14	Traffic Signal and Street Lighting Plans	4	8	8						20	\$4,481.40	\$4,657.5
7.17 Bridge Plans 4 8 8 1 20 \$4,481.40 7.18 Cost Estimates 8 16 40 40 40 40 40 104 \$16,077.60 5 7.19 Specifications 8 32 1 1 40 40 40 40 40 40 516,077.60 5 8 Resident Engineer File and Supplemental Materials 8 32 1 1 40 40 40 40 40 535,989.80 5 8.1 Resident Engineer's Pending File 8 60 80 40 40 40 188 \$35,989.80 5 8.2 Supplemental PS&E Materials 8 40 40 40 40 128 \$23,746.80 9 Contract Bid Documents (Ready-To-List) 6	7.15	Temporary Water Pollution and Erosion Control Plans	4	8	8						20	\$4,481.40	\$4,657.5
7.17 Bridge Plans 4 8 8 1 20 \$4,481.40 7.18 Cost Estimates 8 16 40 40 40 40 40 104 \$16,077.60 5 7.19 Specifications 8 32 1 1 40 40 40 40 40 40 516,077.60 5 8 Resident Engineer File and Supplemental Materials 8 32 1 1 40 40 40 40 40 535,989.80 5 8.1 Resident Engineer's Pending File 8 60 80 40 40 40 188 \$35,989.80 5 8.2 Supplemental PS&E Materials 8 40 40 40 40 128 \$23,746.80 9 Contract Bid Documents (Ready-To-List) 6	7.16	Retaining Wall Plans	8	20	40		40		60		168	\$25,779.60	\$26,793.1
7.18 $Cost Estimates$ (0.8) (0.8) (0.6) $(0.6$			4	8	8						20	\$4,481.40	\$4,657.5
8 Resident Engineer File and Supplemental Materials Image: Contract Bid Documents (Ready-To-List) Image: Contract Bid Document (Ready-To-List) <td></td> <td></td> <td>8</td> <td>16</td> <td></td> <td>40</td> <td></td> <td></td> <td>40</td> <td></td> <td>104</td> <td>\$16,077.60</td> <td>\$16,709.6</td>			8	16		40			40		104	\$16,077.60	\$16,709.6
8.1 Resident Engineer's Pending File 8 60 80 40 188 \$35,989.80 </td <td>7.19</td> <td>Specifications</td> <td>8</td> <td>32</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>40</td> <td>\$9,332.40</td> <td>\$9,699.3</td>	7.19	Specifications	8	32							40	\$9,332.40	\$9,699.3
8.2 Supplemental PS&E Materials 8 40 40 40 128 \$23,746.80 9 Contract Bid Documents (Ready-To-List) Image: Contract Bid Package	8 Resid	lent Engineer File and Supplemental Materials											
8.2 Supplemental PS&E Materials 8 40 40 40 128 \$23,746.80 9 Contract Bid Documents (Ready-To-List) Image: Contract Bid Package	8.1	Resident Engineer's Pending File	8	60	80			40			188	\$35,989.80	\$37,404.7
9.1 Assemble Bid Package 2 2 2 \$392.70 TOTAL HOURS 981 1,223 1,394 890 1,060 800 1,340 0 7,688 \$1,339,199.40 \$2			8	40	40			40					\$24,680.4
9.1 Assemble Bid Package 2 2 2 \$392.70 TOTAL HOURS 981 1,223 1,394 890 1,060 800 1,340 0 7,688 \$1,339,199.40 \$2	9 Cont	ract Bid Documents (Ready-To-List)											
TOTAL HOURS 981 1,223 1,394 890 1,060 800 1,340 0 7,688 \$1,339,199.40 \$1					2						2	\$392.70	\$408.1
			981	1,223	1,394	890	1,060	800	1.340	0	7,688	\$1,339,199.40	\$1,391,850.0
				,	,		1.2.5		,				. , ,

Grand Total \$1,391,850.02

CITY OF COA	CHELLA		СС	OST PROPOS	SAL	Exhibit 10-H1	Page 1 of 4
Avenue 50	Bridege Over CVSC	2					
	-		Prime Consul	tant 🗹	Subconsulta	nt 🗆	2nd Tier Sub
Consultant	Earth Mechanics, In	с.					
Project No.				Contract No.	TBD	Date	19-Apr-21
DIDECTIAD							
DIRECT LABO	fication/Title		Name		Hours	Hourly Rates	Total
Principal/PM	-	٨١٩	hesh Thurairaja	ah	180	\$73.00	\$13,140.00
Senior Engin			Mike Kapuskar		280	\$73.00	\$18,340.00
Sr. Project G			chael Hoshiyam	าล	196	\$05.50	\$10,094.00
Senior Techr			Jianmin Fang		130	\$43.00	\$8,084.00
Senior Staff			ratha Ragavan		200	\$41.00	\$8,200.00
		•				Ş-11.00	\$0.00
					-		\$0.00
					-		\$0.00
					1,044		\$57,858.00
LABOR COST	S				_,		+,
a) Subtotal [Direct Labor Costs					\$57,858.00	
b) Anticipate	ed Salary Increases (s	ee page 2 for sa	mple)			\$1,740.95	
, ,	, ,	1 0	. ,	c) TOTAL	DIRECT LABOR	COSTS [(a) + (b)]	\$59,598.95
FRINGE BEN	EFITS			-			
d) Fringe Be	nefits (Rate:	79.45%)	e) Total F	ringe Benefits		
	· · · ·		-	-	[(c) x (d)]	\$47,351.36	
	NCTC						
f) Overhead	515	(Pate)	106.01%		head [(c) x (f)]	\$63,180.84	
	nd Administrative	(Rate: (Rate:	0.00%		dmin [(c) x (h)]		
		(Nate.	0.0078	i) den & At		\$0.00	
				i) To	tal Indirect Co	sts [(e) + (g) + (i)]	\$110,532.21
				j <i>,</i> ie		313 [(C) · (B) · (i)]	Ş110,552.21
FIXED FEE (P	rofit)						
q) (Rate:	10.00%)		k) TOT		•IT [(c) + (j)] x (q)]	\$17,013.12
q) (nate:	10.0070	/		K) IOI			917,013.12
I) OTHER DIE	RECT COSTS (ODC)						
Description			Unit(s)		Unit Cost	Total	
	Copy/Reprographics	5	(-)	Page		\$0.00	
	Mails			Each		\$0.00	
	Mileage		2600	Miles	\$0.560	\$1,456.00	
					,	\$0.00	
			I) TOTAL	OTHER DIREC	T COSTS	\$1,456.00	
						. ,	
m) Subconsu	ltants:						
, Drill Rig Rer						\$33,440.00	
Traffic Cont						\$1,550.00	
Soil Cutting	Contaminants Tes	ting				\$2,205.00	
Soil Cutting	s (drums) disposal	-				\$5,600.00	
-							
			m) TOTAL SU	BCONSULTA	NT'S COSTS	\$42,795.00	
		n)	Total Other Di	rect Costs Incl	uding Subcons	ultants [(l) + (m)]	\$44,251.00
						c) + (j) + (k) + (n)]	\$231,395.27
						~, ' ()) + (N) + (II)]	7231,393.27

CITY OF COA	CHELLA	COST PROPOSAL	Exhibit 10-H1	Page 2 of 4						
Avenue 50 l	Bridege Over CVSC									
		Prime Consultant Subcons	ultant 🗌 2n	d Tier Sub						
Consultant	Earth Mechanics, Inc.									
Project No.		Contract No. TBD	Date							
1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total										
Direct Labor <u>Subtotal</u>		Total Hours	Avg Hourly	2 Year Contract						
per Cost Proposal		per Cost Proposal	Rate	Duration						

1,044

=

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

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$55.42	+	3%	=	\$57.08	Year 2 Avg Hourly Rate
Year 2	\$57.08	+	3%	=	\$58.79	Year 3 Avg Hourly Rate
Year 3	\$58.79	+	3%	=	\$60.56	Year 4 Avg Hourly Rate
Year 4	\$60.56	+	3%	=	\$62.38	Year 5 Avg Hourly Rate

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

\$57,858.00

	Estimated %		Total Hours		Total Hours	
	Completed Each Year		per Cost Proposal		per Year	
Year 1	10.00%	*	1044.0	=	104.4	Estimated Hours Year 1
Year 2	80.00%	*	1044.0	=	835.2	Estimated Hours Year 2
Year 3	10.00%	*	1044.0	=	104.4	Estimated Hours Year 3
Year 4		*	1044.0	=	0.0	Estimated Hours Year 4
Year 5		*	1044.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	1044.0	

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

	Avg Hourly Rate		Estimated hours			
	(calculated above)		(calculated above)		Cost per Year	
Year 1	\$55.42	*	104	=	\$5,785.80	Estimated Hours Year 1
Year 2	\$57.08	*	835	=	\$47,674.99	Estimated Hours Year 2
Year 3	\$58.79	*	104	=	\$6,138.16	Estimated Hours Year 3
Year 4	\$60.56	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$62.38	*		=	\$0.00	Estimated Hours Year 5
	Total Dire	ect Labor Cost v	=	\$59 <i>,</i> 598.95		
	Direct Lal	bor Subtotal bei	=	\$57,858.00		
	Estimated to	tal of Direct Lab	=	\$1,740.95	Transfer to Page 1	

Year 1 Avg Hourly Rate

\$55.42

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

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name:	Alahesh Thurairajah, PE, GE	Title *:	Principal
Signature :	Maheonenny	Date of Certification (mm/dd/yyyy):	04/19/21
Email:	A.Thurairajah@earthmech.com	Phone Number:	714-751-3826
Address:	17800 Newhope Street, Suite B, Fountain Valley, CA 92708		

List services the Subconsultants are providing under the proposed contract: 541330 - Geotechnical Engineering 541380 - Laboratory Testing

	Fully Lo	paded Hourly Rate (Direct Labor, overhead, and profit)	\$229.22	\$205.67	\$161.71	\$135.02	\$128.74		t	
TASK	ask No	Staff Name	Alahesh Thurairajah	Mike Kapuskar	Michael Hoshiyama	Jianmin Fang	Pratha Ragavan	JURS	without lation	
		Staff Classification	Principal/PM	Senior Engineer	Sr. Project Geologist	Senior Technician	Senior Staff Engineer	тотаι нс	TOTAL COST wi Labor Escalai	
1	Proje	ct Management Services								
	1.1	Administration						0	\$0.00	
	1.2	Coordination and Meetings						0	\$0.00	
	1.3	Quality Assurance and Quality Control						0	\$0.00	
	1.4	Project Schedule						0	\$0.00	
	1.5	Risk Management						0	\$0.00	
	1.6	Project Budget, Cost Accounting and Reporting						0	\$0.00	
	1.7	Prepare Funding Applications						0	\$0.00	
2	Draft	Final Design Services (35% PS&E)								
	2.6	Geotechnical Design Report	180	280	196	188	200	1044	\$181,677.59	Ś
	ΤΟΤΑΙ	HOURS	180	280	196	188	200	1,044	\$181,677.59	\$2

TOTAL COST with Labor Escalation
\$0.00
\$0.00
\$0.00
\$0.00
\$0.00
\$0.00
\$0.00
\$231,395.27
31,395.27

CITY OF COACHELLA	COST PROPOS	Page 1 of 4		
Avenue 50 Bridge Over CVSC				
	Prime Consultant	Subconsultant		2nd Tier Sub
Consultant Michael Baker Inter	national, Inc.			
Project No. TBD	Contract No.	TBD	Date	4/19/2021
DIRECT LABOR				
Classification/Title	Name	Hours	Hourly Rates	Total
Principal in Charge	Alan Ashimine	24	\$95.40	\$2,289.60
Project Manager	Brad Losey	117	\$93.63	\$10,954.71
Senior Engineer	Steve Giffen	220	\$72.16	\$15,875.20
Senior Engineer	Barb Vealey	284	\$64.22	\$18,238.48
Project Engineer	Dominic Stone	560	\$51.69	\$28,946.40
Project Engineer	Dan Price	364	\$40.21	\$14,636.44
Assistant Engineer	Samantha Carlson	868	\$35.66	\$30,952.88
Regulatory Specialist	Tim Tidwell	88	\$55.90	\$4,919.20
Senior Biologist	Tom Millington	8	\$56.19	\$449.52
			,	
		2715		\$135,855.87
LABOR COSTS				
a) Subtotal Direct Labor Costs		_	\$135,855.87	
b) Anticipated Salary Increases (s			\$6,826.76	
	c) TOTAL I	DIRECT LABOR C	OSTS [(a) + (b)]	\$142,682.63
FRINGE BENEFITS				
d) Fringe Benefits Rate:	45.14% e) Total Fi	ringe Benefits		
		[(c) x (d)]	\$64,406.94	
INDIRECT COSTS				
f) Overhead	Rate: 53.42% g) Over	head [(c) x (f)]	\$76,221.06	
h) General and Administrative	Rate: 50.23% i) Gen & Ad	dmin [(c) x (h)]	\$71,669.48	
	ј) То	otal Indirect Cost	:s [(e) + (g) + (i)]	\$212,297.48
FIXED FEE (Profit)				
q) Rate: <u>10.00%</u>	k) тот,	AL FIXED PROFIT	r [(c) + (j)] x (q)]	\$35,498.01
I) OTHER DIRECT COSTS (ODC)			_	
Description	Unit(s)	Unit Cost	Total	
Copy/Reprographics	20000 LS	\$0.25	\$5,000.00	
Mileage	2500 Miles	\$0.56	\$1,400.00	
			\$0.00	
	I) TOTAL OTHER DIREC		\$7,900.00	
m) Subconsultants:				
		—		
		—		
	n) Total Other Direct Costs Incl	uding Subconsu	tants [(l) + (m)]	\$7,900.00
		TOTAL COST [(c)	+ (j) + (k) + (n)]	\$398,378.12
		2()		

CITY OF COAC	CHELLA		COST PROPOSA	L	Exhibit 10-H1	Page 2 of 4
Avenue 50 E	Bridge Over CVSC					
			Prime Consultant 🗹 S	ubconsu	ltant 🗌	2nd Tier Sub
Consultant	Michael Baker In	ternational, Inc				
Project No.	TBD		Contract No. T	BD	Date	4/19/2021
1. Calculate	Average Hourly Rat	e for 1st year of	the contract (Direct Labo	r Subtota	al divided by tota	
Direct Labor <u>Subtotal</u>			Total Hours		Avg Hourly	2 Year Contract
per Cost Proposal			per Cost Proposal		Rate	Duration
	\$135,855.87		2,715	=	\$50.04	Year 1 Avg Hourly Rate

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

	Avg Hourly Rate	Proposed Escalation				
Year 1	\$50.04	+	5%	=	\$52.54	Year 2 Avg Hourly Rate

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

	Estimated %		Total Hours			
	Completed Each Year		per Cost Proposal		per Year	
Year 1	10.00%	*	2715.0	=	271.5	Estimated Hours Year 1
Year 2	80.00%	*	2715.0	=	2172.0	Estimated Hours Year 2
Year 3	10.00%	*	2715.0	=	271.5	Estimated Hours Year 3
Year 4	0.00%	*	2715.0	=	0.0	Estimated Hours Year 4
Year 5	0.00%	*	2715.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	2715.0	

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)		Cost per Year	
Year 1	\$50.04	*	272	=	\$13,585.59	Estimated Hours Year 1
Year 2	\$52.54	*	2172	=	\$114,118.93	Estimated Hours Year 2
Year 3	\$55.17	*	272	=	\$14,978.11	Estimated Hours Year 3
Year 4	\$57.93	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$60.82	*		=	\$0.00	Estimated Hours Year 5
	Total Dire	ect Labor Cost w	=	\$142,682.63		
	Direct La	bor Subtotal bef	=	\$135,855.87		
	Estimated to	tal of Direct Lab	=	\$6,826.76	Transfer to Page 1	

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

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name:

Title *:

CITY OF COACHELLA

Avenue 50 Bridge Over CVSC

r		ded Hourly Rate (Direct Labor, overhead, and profit)	\$261.08	\$256.24	\$197.48	\$175.75	\$141.46	\$110.04	\$97.59	\$152.98	\$207.44	\$115.24	\$91.24	\$153.77		٥r	
TASKS	Task	Staff Name	Alan Ashimine	Brad Losey	Steve Giffen	Barb Vealey	Dominic	Dan Price	Samantha	Tim Tidwell	Chris	Ashley	Ryan Dhanauf	Tom	S	Laboı	abor
	No.		Ashimine		Gillen		Stone		Carlson ັນ		Johnson នា	Spencer	Phaneuf	Millington	DUR	on	with L ation
		Staff Classification	Principal in Charg	Project Manage	Senior Engineer	Senior Engineer	Project Enginee	Project Engineer	Assistant Enginee	Regulatory Specialist	Natural Resource Manager	Biologist	GIS Analyst	Senior Biologist	ТОТАL НС	TOTAL FEE without Escalation	TOTAL FEE with Escalation
1	Project	Management Services															
2	Draft Fi	nal Design Services (35% PS&E)															
	2.4a	Draft Drainage Reports - Bridge Hydraulics Report		24	120			220							364	\$54,056.52	\$57,921.47
	2.4b	Draft Drainage Reports - Roadway Drainage Report		12		32	60	40	80						224	\$29,395.33	\$31,497.05
	2.4c	Draft Drainage Reports - City WQMP		8		20	40		60						128	\$17,078.70	\$18,299.79
4	Permits	s/Agreements															
	4.1	Clean Water Act Section 404 Pre-Construction Notification	8							40	22	40	16		126	\$18,841.13	\$20,188.23
	4.2	Clean Water Act Section 401 Water Quality Certification	8							24	8	32	12		84	\$12,202.35	\$13,074.80
	4.3	California Fish and Wildlife 1602 Streambed Alteration	8							24	8	32	12	8	92	\$13,432.55	\$14,392.95
	4.4	CVWD Encroachment Permit													0	\$0.00	\$0.00
5	Draft Fi	inal Design Services – 65% PS&E Submittal															
	5.6	Drainage Plans		8		60	100		160						328	\$42,355.31	\$45,383.64
	5.15	Temporary Water Pollution and Erosion Control Plans		8		40	60		80						188	\$25,374.70	\$27,188.95
	5.20	Cost Estimates		2			16		40						58	\$6,679.44	\$7,157.01
	5.21	Specifications		2	24		12								38	\$6,949.50	\$7,446.37
	5.22a	Final Drainage Reports - Bridge Hydraulics Report		8	40			80							128	\$18,752.46	\$20,093.22
	5.22b	Final Drainage Reports - Roadway Drainage Report		8		24	40	24	60						156	\$20,422.71	\$21,882.90
	5.22c	Final Drainage Reports - City WQMP		2		16	24		40						82	\$10,623.12	\$11,382.65
6	Draft Fi	nal Design Services – 95% PS&E Submittal															
	6.6	Drainage Plans		8		32	80		120						240	\$30,701.50	\$32,896.61
	1	Temporary Water Pollution and Erosion Control Plans		8		32	40		80						160	\$21,139.51	\$22,650.94
	6.19	Cost Estimates		2			12		24						38	\$4,552.16	\$4,877.63
	6.20	Specifications		2	20		4								26	\$5,027.90	\$5,387.39
		esign Services – 100% PS&E Submittal															
	7.6	Drainage Plans		8		20	40		60						128	\$17,078.70	\$18,299.79
	7.15	Temporary Water Pollution and Erosion Control Plans		4		8	20		40						72	\$9,163.75	\$9,818.94
		Cost Estimates		1			12		24						37	\$4,295.92	\$4,603.07
	7.20	Specifications		2	16										18	\$3,672.15	\$3,934.70
8	Resider	t Engineer File and Supplemental Materials															
9	Contrac	ct Bid Documents (Ready-To-List)															
	9.1	Assemble Bid Package													0	\$0.00	\$0.00
	TOTAL H		24	117	220	284	560	364	868	88	38	104	40	8	2,715	\$371,795.40	

CITY OF COACHELLA		C	OST PROPC	DSAL E	xhibit 10-H1	Page 1 of 4
Avenue 50 Bridege Ove		Prime Cons	ultant l	Subconsult	ant l	□hd Tier Sub
Consul NV5, Inc.			_			
ct No.			Contract No.	TBD	Date	31-Mar-21
DIRECT LABOR				T		
Classification/Title	<u> </u>	Name		Hours	Hourly Rates	Total
Bridge Project Manager		ack Abcarius		36	\$95.84	\$3,450.15
Sr. Bridge Engineer		C. Daniel Sun		460	\$72.54	\$33,368.40
Survey Manager		Jay Fahrion		96	\$67.03	\$6,434.88
Senior Surveyor		Doug Boyle		300	\$39.78	\$11,934.00
CADD Tech III		Dave Schilke		120	\$47.17	\$5,660.40
Survey Party Chief**	J	oshua Wehe		88	\$73.86	\$6,499.68
Survey Chainman**		Phil Stuart		88	\$73.21	\$6,442.48
Traffic Manager	J	ames Miller		13	\$76.92	\$999.96
Senior Traffic Project Engir		Chris Cate		50	\$55.00	\$2,750.00
Traffic Engineer II		icole Harmon		84	\$31.73	\$2,665.32
Civil Manager	-	kie Bridenstir	ne	38	\$69.22	\$2,630.36
Senior Project Engineer		Scott Vinton		51	\$74.69	\$3,809.19
Project Engineer I		guel Gonzale		67	\$43.82	\$2,935.94
Engineer II	Aa	aron Gonzale:	\$35.33	\$1,907.82		
LABOR COSTS				1,491		\$89,580.76
a) Subtotal Direct Labor Co b) Anticipated Salary Incre				T LABOR COS	\$89,580.76 \$1,612.45 IS [(a) + (b)]	\$91,193.21
FRINGE BENEFITS d) Fringe Benefits (Rate:	`	a) Total E	ringe Benefits		
d) Thinge Deficition	Nate.)	ej i otal F	[(c) x (d)]		
				[(c) x (u)]	J0.00	
INDIRECT COSTS						
f) Overhead	(Rate:	138.15%	_	head [(c) x (f)]	-	
h) General and Administra	(Rate:)	i) Gen & Ac	lmin [(c) x (h)]	\$0.00	
			j) Total In	direct Costs [(e) + (g) + (i)]	\$125,983.42
FIXED FEE (Profit) q) (Ra <mark>10.00%</mark>)		k) TOTAL FIX	(ED PROFIT [(d	:) + (j)] x (q)]	\$21,717.66
I) OTHER DIRECT COSTS (O	DC)					
Description		Unit(s)		Unit Cost	Total	
Preliminary Title Re	ports (9)	9	Each	\$750.00	\$6,750.00	
Riv. Co. Record of S	urvey Fee	1	Each	\$800.00	\$800.00	
Mileage	· ·		Miles	-	\$0.00	
-					\$0.00	
	·	Ι) ΤΟΤΑ	L OTHER DIR	ECT COSTS	\$7,550.00	
m) Subconsultants:		-				¢7.550.00
	ii) iotai Ot			Subconsultar		
			τοτα	L COST [(c) + (J) + (K) + (n)]	\$246,444.30

CITY OF COAC	HELLA		COST PROPOSA	COST PROPOSAL Exhibit 10-H1					
Avenue 50 E	Bridege Over CVSC								
			Prime Consultant 🗵 S	ubconsu	ltant	🗀 d Tier Sub			
Consultant	NV5, Inc.								
Project No. TBD Date 3/31									
1. Calculate	Average Hourly Rate	e for 1st year of	the contract (Direct Labo	or Subtota	l divided by				
Direct Labor <u>Subtotal</u>			Total Hours		Avg Hourly	2 Year Contract			
per Cost Proposal			per Cost Proposal		Rate	Duration			
	\$89,580.76		1,491	=	\$60.08	Year 1 Avg Hourly Rate			

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

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$60.08	+	3%	=	\$61.88	Year 2 Avg Hourly Rate

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

	Estimated %		Total Hours		TULdi	
	Completed Each Year		per Cost Proposal		per Year	
Year 1	40.00%	*	1491.0	=	596.4	Estimated Hours Year 1
Year 2	60.00%	*	1491.0	=	894.6	Estimated Hours Year 2
Year 3		*	1491.0	=	0.0	Estimated Hours Year 3
Year 4		*	1491.0	=	0.0	Estimated Hours Year 4
Year 5		*	1491.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	1491.0	

	Avg Hourly Rate		Estimated hours		Cost per	
	(calculated above)		(calculated above)	Year		
Year 1	\$60.08	*	596	=	#########	Estimated Hours Year 1
Year 2	\$61.88	*	895	=	#########	Estimated Hours Year 2
Year 3	\$63.74	*	0	=	\$0.00	Estimated Hours Year 3
Year 4	\$65.65	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$67.62	*		=	\$0.00	Estimated Hours Year 5
Total Direct Labor Cost with Escalation					#########	
Direct Labor Subtotal before Escalation			=	#########		
	Estimated total of Direct Labor Salary Increase				\$1,612.45	Transfer to Page 1

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:

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- 6. 48 Code of Federal Regulations Part 9904 Cost Accounting Standards Board (when applicable)

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Prime Consultant or Subconsultant Certifying:

Name:	Carmen C. Kasner	Title *:	Regional Managing Director
Name.		Date of Certification	Director
Signatu	re :	(mm/dd/yyyy):	
Email:	Carmen.Kasner@NV5.com	Phone Number	:58-385-213

Address: 15092 Avenue of Science, Suite 200, SD, CA 92128

List services the Subconsultants are providing under the proposed contract:

Independent Check of Bridge Design & Details

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CITY OF COACHELLA

Avenue 50 Bridege Over CVSC

		aded Hourly Rate (Direct Labor, overhead, and profit)	\$251.06	\$190.03	\$175.60	\$104.21	\$123.57	\$193.49	\$191.78	\$201.50	\$144.08	\$83.12	\$181.33	\$195.66	\$114.79	\$92.55		oor	<u>ب</u>
TASKS	Task No.	Staff Name	Jack Abcarius	C. Daniel Sun	Jay Fahrion	Doug Boyle	Dave Schilke	Joshua Wehe	Phil Stuart	James Miller	Chris Cate	Nicole Harmon	Vickie Bridenstine	Scott Vinton	Miguel Gonzalez	Aaron Gonzalez	HOURS	5T without Lab calation	OST with Labo calation
		Staff Classification	Bridge Project Manager	Sr. Bridge Engineer	Survey Manager	Senior Surveyor	CADD Tech III	Survey Party Chief**	Survey Chainman**	Traffic Manager	Senior Traffic Project Engineer	Traffic Engineer II	Civil Manager	Senior Project Engineer	Project Engineer I	Engineer II	тотац н	TOTAL COST w Escala	TOTAL COST Escala
1	Projec	t Management Services																	
	1.1	Administration	4														4	\$1,004.24	\$1,053.58
	1.3	Quality Assurance and Quality Control	8		20												28	\$5,520.39	\$5,791.59
2	Draft	Final Design Services (35% PS&E)																	
	2.1	Surveys and Mapping			36	110	20	88	8 88								342	\$54,159.80	\$56,820.48
		2.8.2. Prepare Legal Descriptions and Plat Maps			40	190	100										330	\$39,180.53	\$41,105.34
3	Right-	Of-Way Acquisition Services																	
4	Permi	ts/Agreements																	
5	Draft	Final Design Services – 65% PS&E Submittal																	
	5.7	Irrigation Lateral and Tile Drain System											18	25	37	30	110	\$15,179.43	\$15,925.14
	5.14	Traffic Signal and Street Lighting Plans (Phase 1)								5	16	24					45	\$5,307.73	\$5,568.48
	5.18	Bridge Independent Check	24	460													484	\$93,438.99	\$98,029.32
6	Draft	Final Design Services – 95% PS&E Submittal																	
	6.7	Irrigation Lateral and Tile Drain System											10	16	20	16	62	\$8,720.61	\$9,149.02
	6.14	Traffic Signal and Street Lighting Plans (Phase 1)								4	22	36					62	\$6,968.16	\$7,310.49
7	Final [Design Services – 100% PS&E Submittal																	
	7.7	Irrigation Lateral and Tile Drain System											10	10	10	8	38	\$5,658.29	\$5,936.26
	7.14	Traffic Signal and Street Lighting Plans (Phase 1)								4	12	24					40	\$4,529.90	\$4,752.44
8	Reside	ent Engineer File and Supplemental Materials																	
	8.1	Resident Engineer's Pending File															0	\$0.00	\$0.00
	8.2	Supplemental PS&E Materials															0	\$0.00	\$0.00
9	Contra	act Bid Documents (Ready-To-List)																	
	9.1	Assemble Bid Package															0	\$0.00	\$0.00
	TOTAL	HOURS	36	460	96	300	120	88	88	13	50	84	38	51	67	54	1,545	\$239,668.06	\$251,442.12

CITY OF COACHELLA	COST PROPOSAL			Exhibit 10-H1	Page 1 of 4	
Avenue 50 Bridege Over CVSC	🗆 Pri	me Consultar	nt 🔽	Subconsultan	+ □	2nd Tier Sub
Consultant Paragon Partners				Subconsultan		
Project No.		Co	ontract No.	TBD	Date	29-Mar-21
DIRECT LABOR						
Classification/Title		Name		Hours	Hourly Rates	Total
Project Director/Corporate Broker	Marl	< Mendoza*		32	\$108.41	\$3,469.12
Project Manager	Da	an Akins*		224	\$64.28	\$14,398.72
Senior Agent	Jenn	ifer Goralski		164	\$45.91	\$7,529.24
Project Coordinator	Co	lin Valles		134	\$31.25	\$4,187.50
Quality Control/Compliance	Li	nda Tong		32	\$75.00	\$2,400.00
				-	\$0.00	\$0.00
				-	\$0.00	\$0.00
				586		\$31,984.58
LABOR COSTS						
a) Subtotal Direct Labor Costs					\$31,984.58	
b) Anticipated Salary Increases (see p	page 2 for sample)	1			\$239.88	
			c) TOTAL D	DIRECT LABOR C	COSTS [(a) + (b)]	\$32,224.46
FRINGE BENEFITS						
d) Fringe Benefits (Rate:)		e) Total Fr	inge Benefits		
				[(c) x (d)]	\$0.00	
INDIRECT COSTS						
f) Overhead	(Rate:	98.83%	g) Overl	nead [(c) x (f)]	\$31,847.44	
h) General and Administrative	(Rate:			min [(c) x (h)]	\$0.00	•
.,	(,	,	[(0) !! (!!)]	+	
			j) To ʻ	tal Indirect Cost	ts [(e) + (g) + (i)]	\$31,847.44
FIXED FEE (Profit)						
q) (Rate: 10.00%)			k) тот и	AL FIXED PROFI	r [(c) + (j)] x (q)]	\$6,407.19
·····			,			
I) OTHER DIRECT COSTS (ODC)						
Description		Unit(s)		Unit Cost	Total	
Postage/Delivery		14	Each	\$25.00	\$350.00	
Mileage		1800	Miles	0.560	\$1,008.00	
-		I) TOTAL OI	THER DIREC	т соятя	\$1,358.00	
		-		-		
m) Subconsultants:						
Appraisals					\$18,812.50	
Appraisal Reviews					\$9,187.50	
	m)	TOTAL SUBC	ONSULTA	NT'S COSTS	\$28,000.00	
	n) Tot	al Other Direct	t Costs Inclu	iding Subconsu	ltants [(l) + (m)]	\$29,358.00
			r	OTAL COST [(c)) + (j) + (k) + (n)]	\$99,837.09

CITY OF COACHELLA	COST PROPOSAL	Exhibit 10-H1	Page 2 of 4				
Avenue 50 Bridege Over CVSC							
[Prime Consultant I Subconsult	ant 🛛 🗌 2nd Tier Sub					
Consultant Paragon Partners							
Project No.	Contract No. TBD	Date					
1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total							
Direct Labor <u>Subtotal</u>	Total Hours	Avg Hourly 2 Year C	ontract				

per Cost Proposal		per Cost Proposal		Rate	Duration	
	\$31,984.58		586	=	\$54.58	Year 1 Avg Hourly Rate

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

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$54.58	+		=	\$54.58	Year 2 Avg Hourly Rate
Year 2	\$54.58	+	3%	=	\$56.22	Year 3 Avg Hourly Rate
Year 3	\$56.22	+	3%	=	\$57.91	Year 4 Avg Hourly Rate
Year 4	\$57.91	+	3%	=	\$59.64	Year 5 Avg Hourly Rate

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

	Estimated %		Total Hours		Total Hours	
	Completed Each Year		per Cost Proposal		per Year	
Year 1	75.00%	*	586.0	=	439.5	Estimated Hours Year 1
Year 2	25.00%	*	586.0	=	146.5	Estimated Hours Year 2
Year 3		*	586.0	=	0.0	Estimated Hours Year 3
Year 4		*	586.0	=	0.0	Estimated Hours Year 4
Year 5		*	586.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	586.0	

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)		Cost per Year	
Year 1	\$54.58	*	440	=	\$23,988.44	Estimated Hours Year 1
Year 2	\$56.22	*	147	=	\$8,236.03	Estimated Hours Year 2
Year 3	\$57.91	*	0	=	\$0.00	Estimated Hours Year 3
Year 4	\$59.64	*	0	=	\$0.00	Estimated Hours Year 4
Year 5		*		=	\$0.00	Estimated Hours Year 5
	Total Dire	ect Labor Cost w	vith Escalation	=	\$32,224.46	
Direct Labor Subtotal before Escalation					\$31,984.58	
	Estimated tot	tal of Direct Lab	or Salary Increase	=	\$239.88	Transfer to Page 1

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:

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Prime Consultant or Subconsultant Certifying:

Name:	Neilia LaValle	Title *: Date of Certification	President & CEO
Signature :		(mm/dd/yyyy):	03/29/21
Email:	Neilia@paragon-partners.com	Phone Number	: <u>14-379-3376 x 10</u>

Address: 5660 Katella Avenue, Suite 100, Cypress, CA 90630

BRC	Public Outreach
Paragon Partners	Right of Way Acquisitions
Earth Mechanic	Geotechnical
ESA	Environmental Services
FPL	Traffic Study
Geocon	ISA Phase II
NV5	Survey, Mapping & Structures
PACE	Hydraulics Analysis
Transystems	Structures

SCOPE OF WORK - ESTIMATED HOURS WORKSHEET

	Fully L	oaded Hourly Rate (Direct Labor, overhead, and profit)	\$237.11	\$140.59	\$100.41	\$68.35	\$164.03		SK SK
ASK	ask No	Staff Nam	e Mark Mendoza*	Dan Akins*	Jennifer Goralski	Colin Valles	Linda Tong	HOURS	LOADED PER TASK
		Staff Classificatio	a Project Director/Corp orate Broker	Project Manager	Senior Acquisition Agent	Project Coordinator	QA/QC/Comp liance	ТОТАL НС	TOTAL FULLY LABOR COST F
1	Proje	ect Management Services	24	60	0	30	24		
	1.1	Administration						0	\$0.00
	1.2	Coordination and Meetings	12	60		30		102	\$13,331.04
	1.3	Quality Assurance and Quality Control	12				24	36	\$6,782.12
	1.4	Project Schedule						0	\$0.00
	1.5	Prepare Funding Applications						0	\$0.00
2	Draft	: Final Design Services (PS&E)	0	0	0	0	0		
3	Right	-Of-Way Acquisition Services	8	164	164	104	8		
	4.1	4.1. @ ppraisal	4	8	8	24		44	\$4,516.77
	4.2	4.2.图cquisition Service	4	156	156	80	8	404	\$45,324.51
	ΤΟΤΑΙ	LHOURS	32	224	164	134	32	586	\$69,954.43
		TOTAL LABOR COST	S \$7,587.42	\$31,491.87	\$16,467.43	\$9,158.61	\$5,249.11		\$69,954.43
								Total Escalations	\$525

ODC

\$29,358 \$99*,*837

AES - Grant Total



FIXED FEE (Profit)	CITY OF COACHELLA		C	OST PROPOS	SAL	Exhibit 10-H1	Page 1 of 4
Consultant TranSystems Project No. City Project No. ST-69 and ST-81 Contract No. TBD Date 12-Apr-21 DIRECT LABOR Total Hours Hours Total Total Street Labor Andre Issa 1,080 571.20 577.240.00 Sr. Project Engineer Andre Issa 1,080 571.20 576,986.00 Engineer II Jaime Garcia 844 543.28 533,079.20 Engineer II Shurji Jang 844 533.385 533,079.20 Engineer II Andre Castillo 840 533.200 526,880.00 Admin Assistant Tracy Levine 160 533.44 55,390.40 Admin Assistant Tracy Levine 160 533.44 55,30.40 LABOR COSTS \$247,230.04 \$5247,230.04 \$50.00 j Anticipated Salary Increases (see page 2 for sample) () TOTAL DIRECT LABOR COSTS ((a) + (b)] \$2524,669.19 FINGE BENEFITS e) Total Fringe Benefits [(c) × (d)] \$135,433.08 IDIRECT COSTS () Overhead <td>Avenue 50 Bridege Over CVSC</td> <td></td> <td></td> <td>_</td> <td></td> <td>_</td> <td></td>	Avenue 50 Bridege Over CVSC			_		_	
Project No. City Project No. ST-69 and ST-81 Contract No. TBD Date 12-Apr-21 DIRECT LABOR Project Manager Andre Issa 1.080 S71.20 S76.296.00 S37,240.00 S77.20 S76.296.00 S33,079.20 S76.296.00 S33,079.20 S33,079.20 S33,079.20 S33,079.20 S33,079.20 S33,079.20 S46.880.00 Admin Assistant Tracy Levine 1.60 S40.38 S33,099.20 S46.880.00 Admin Assistant Tracy Levine 1.60 S33.44 S5.380.40 S47,230.04 S9.00 S4247,230.04 S9.00 S4247,230.04 S9.01 S4247,230.04 S9.01 S135,433.08 IONDRECT LABOR COSTS a) Subtotal Direct Labor Costs b) Anticipated Salary Increases (see page 2 for sample) FRINGE BENEFITS (l) Fringe Benefits			Prime Consu	Iltant 🗹	Subconsulta	nt 🗆	2nd Tier Sub
DIRECT LABORClassification/TitleNameHourly RatesTotalProject ManagerAyman Salama392\$95.00\$37,240.00Sr. Project EngineerAndre Issa1,080\$71.20\$76,896.00Engineer IIShunji Jiang840\$33.38\$53.3073.20Engineer IIKevin Nguyen840\$40.38\$53.3913.20Engineer IIAndre Castillo840\$40.38\$53.304Admin AssistantTracy Levine160\$33.44\$53.50.40Admin AssistantTracy Levine160\$33.44\$53.00.00LABOR COSTS4,994\$2247,230.04\$0.00a) Subtotal Direct Labor Costs\$247,230.04\$0.20b) Anticipated Salary Increases (see page 2 for sample)\$7,439.15\$254,669.19FRINGE BENEFITS(C) TOTAL DIRECT LABOR COSTS (ia) + (b)]\$254,669.19(d) Fringe Benefits(Rate: 53.18%)e) Total Fringe Benefits\$247,230.04(f) Overhead(Rate: 20.55% () Gen & Admin ((c) × (f))]\$132,836.45(h) General and Administrative(Rate: 20.55% () Overhead ((c) × (f))]\$132,836.45(j) OTHE DIRECT COSTS (OC)Joo0%)k) TOTAL FIXED PROFIT ((c) + (j)) × (q)]\$63,532.32(j) OTHE DIRECT COSTS (ODC)DescriptionUnit(s)Unit CostTotalMais 5 Submittals\$100.00\$348.00Mileage 600 Miles\$0.580\$348.00Mileage 600		und CT 91		Contract No.	חחד	Data	17 Apr 71
Classification/Title Name Hours Houry Rates Total Project Manager Ayman Salama 392 \$95.00 \$37,240.00 Sr. Project Engineer Andre Issa 1,080 \$71.20 \$76,896.00 Engineer II Jaime Garcia 842 \$40.22 \$33,857.24 Engineer II Shunji Jiang 840 \$39.38 \$33,079.20 Engineer II Kevin Nguyen 840 \$30.33 \$533,079.20 Engineer II Andre Castillo 840 \$32.00 \$26,880.00 Admin Assistant Tracy Levine 160 \$33.44 \$5,350.40 Admin Assistant Tracy Levine 160 \$33.44 \$50.00 LABOR COSTS 4,994 \$247,230.04 \$7,439.15 of DAticipated Salary Increases (see page 2 for sample) C) TOTAL DIRECT LABOR COSTS [(a) + (b)] \$254,669.19 g) Pringe Benefits (Rate: 53.18%) e) Total Fringe Benefits [(c) × (d)] \$135,433.08 INDIRECT COSTS (f) Overhead (Rate: 75.74% g) Ov	Project No. City Project No. 51-69 a	ina 51-81		Contract No.	IBD	Date	12-Apr-21
Project Manager Ayman Salama 392 \$95.00 \$37,240.00 Sr. Project Engineer Andre Issa 1,080 \$71.20 \$76,896.00 Engineer II Ishunji Jang 840 \$53.38 \$53.079.20 Engineer II Shunji Jang 840 \$53.38 \$33.079.20 Engineer II Kevin Nguyen 840 \$40.38 \$33.919.20 Engineer I Andre Castillo 840 \$32.00 \$26,880.00 Admin Assistant Tracy Levine 160 \$33.44 \$5,350.40 Admin Assistant Tracy Levine 160 \$33.44 \$5,350.40 Admin Assistant Tracy Levine 160 \$33.44 \$5,350.40 Jobtotal Direct Labor Costs 5 \$247,230.04 \$5,000 b) Anticipated Salary Increases (see page 2 for sample) \$7,439.15 \$247,230.04 \$7,439.15 FRINGE BENEFITS () Fringe Benefits [(c) x (d)] \$135,433.08 [(c) x (d)] \$135,433.08 INDRECT COSTS () Overhead (Rate:	DIRECT LABOR						
Sr. Project Engineer Andre Issa 1,080 \$71.20 \$76,896.00 Engineer II Jaime Garcia 842 \$40.22 \$33,865.24 Engineer II Shunji Jiang 840 \$39.38 \$33,079.20 Engineer II Kevin Neuven 840 \$30.38 \$33,079.20 Engineer II Kevin Neuven 840 \$32.391.20 \$26,880.00 Admin Assistant Tracy Levine 160 \$33.44 \$5,350.40 Admin Assistant Tracy Levine 160 \$34.4 \$5,30.00 Admin Assistant Tracy Levine 160 \$34.4 \$5,30.04 Admin Assistant Tracy Levine 160 \$34.4 \$5,30.04 J Subtotal Direct Labor Costs \$247,230.04 \$5,7439.15 \$27,439.15 c) TOTAL DIRECT LABOR COSTS (a) \$247,230.04 \$5,7439.15 \$27,439.15 f) Overhead (Rate: 53.18%) e) Total Fringe Benefits [(c) x (d)] \$192,886.45 h) General and Administrative (Rate: 75,74% g) Overhead [(c) x (h] \$5192,886.45 j) Total Indi	Classification/Title		Name		Hours	Hourly Rates	Total
Engineer II Jaime Garcia 842 \$40.22 \$33,865.24 Engineer II Shunji Jiang 840 \$33.33,919.20 Engineer II Kevin Nguyen 840 \$40.38 \$33,919.20 Engineer II Kevin Nguyen 840 \$40.38 \$533,079.20 Engineer II Andre Castillo 840 \$40.38 \$533,019.20 Engineer I Andre Castillo 840 \$40.38 \$533,019.20 Admin Assistant Tracy Levine 160 \$33.44 \$5,350.40 Admin Assistant Tracy Levine 160 \$32.00 \$20.00 LABOR COSTS 4,994 \$247,230.04 \$5,00.00 Subtotal Direct Labor Costs \$247,230.04 \$247,230.04 b) Anticipated Salary Increases (see page 2 for sample) \$7,439.15 c) TOTAL DIRECT LABOR COSTS [(a) + (b)] \$254,669.19 flinge Benefits (Rate: 53.18%) e) Total Pringe Benefits [(c) × (h)] \$252,334.52 d) Fringe Benefits (Rate: 20.55% i) Gen & Admin ((c) × (h)] \$380,654.04 FIXED FEE (Profit) (q) (Rate: 10.	Project Manager	I	Ayman Salama		392	\$95.00	\$37,240.00
Engineer II Shunji Jiang 840 \$39.38 \$33,079.20 Engineer II Kevin Nguyen 840 \$40.38 \$33,919.20 Engineer I Andre Castillo 840 \$32.00 \$26,880.00 Admin Assistant Tracy Levine 160 \$33.44 \$5,350.40 Admin Assistant Tracy Levine 160 \$33.44 \$5,350.40 ABOR COSTS 4,994 \$247,230.04 \$0.00 a) Subtotal Direct Labor Costs \$247,230.04 \$7,439.15 \$7,439.15 c) TOTAL DIRECT LABOR COSTS [(a) + (b)] \$254,669.19 \$254,669.19 FRINGE BENEFITS (ate: 53.18%) e) Total Fringe Benefits \$253,433.08 INDIRECT COSTS (b) Gene Ral and Administrative (Rate: 75.74% g) Overhead [(c) × (h)] \$135,433.08 INDIRECT COSTS (b) Gene Ral and Administrative (Rate: 20.55% i) Gen & Admin [(c) × (h)] \$52,334.52 j) Total Indirect Costs (loc) j) Other Direct Costs (ODC) j) Total Indirect Costs [(e) + (g) + (h)] \$380,654.04 Given participation Unit(s) Unit Cost Total <td>Sr. Project Engineer</td> <td></td> <td>Andre Issa</td> <td></td> <td>1,080</td> <td>\$71.20</td> <td>\$76,896.00</td>	Sr. Project Engineer		Andre Issa		1,080	\$71.20	\$76,896.00
Engineer IIKevin Nguyen840\$40.38\$33,919.20Engineer IAndre Castillo840\$32.00\$226,880.00Admin AssistantTracy Levine1.60\$33.44\$5,350.40Admin AssistantTracy Levine1.60\$33.44\$5,350.40ABOR COSTS\$0.00a) Subtotal Direct Labor Costs $4,994$ \$247,230.04b) Anticipated Salary Increases (see page 2 for sample)\$7,439.15 $57,439.15$ c) TOTAL DIRECT LABOR COSTS (Ia) + (b)\$254,669.19FRINGE BENEFITS(a) Fringe Benefits(Rate: 53.18%)e) Total Fringe Benefits(Ic) x (d)]\$135,433.08INDIRECT COSTSf) Overhead(Rate: 75.74% g) Overhead (Ic) x (f)]\$192,886.45h) General and Administrative(Rate: 20.55% i) Gen & Admin [(c) x (h)]\$523,34.52j) Total Indirect Costs (Ic) + (g) + (i)]\$380,654.04FIXED FEE (Profit)q) (Rate:10.00%)k) TOTAL FIXED PROFIT [(c) + (j)] x (q)]\$63,532.32J) OTHER DIRECT COSTS (ODC)DescriptionUnit(s)Unit CostTotalMails5Each\$50.00\$250.00Mails5Each\$50.00\$250.00Mails5Each\$50.00\$20.00i) Total OTHER DIRECT COSTS51,098.00\$0.00i) Total OTHER DIRECT COSTS51,098.00	Engineer II		Jaime Garcia		842	\$40.22	\$33,865.24
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					-		•
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m) TOTAL SUBCONSULTANT'S COSTS \$0.00			m) TOTAL SI	JBCONSULTA	NT'S COSTS	\$0.00	
n) Total Other Direct Costs Including Subconsultants [(I) + (m)] \$1,098.00		n)	Total Other D	irect Costs Incl	uding Subcons	ultants [(l) + (m)]	\$1,098.00
TOTAL COST [(c) + (j) + (k) + (n)] \$699,953.56					TOTAL COST [(c) + (j) + (k) + (n)]	\$699,953.56

CITY OF COACHELLA		COST PROPO	SAL	Exhibit 10-H1	Page 2 of 4
Avenue 50 Bridege	e Over CVSC				
		Prime Consultant	Subconsulta	ant 🗆 2	2nd Tier Sub
Consultant TranS	lystems				
Project No. 10. ST-6	59 and ST-81	Contract No	o. TBD	Date	12-Apr-21

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

Direct Labor <u>Subtotal</u>		Total Hours		Avg Hourly	2 Year Contract
per Cost Proposal		per Cost Proposal		Rate	Duration
	\$247,230.04	4,994	=	\$49.51	Year 1 Avg Hourly Rate

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

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$49.51	+	3%	=	\$50.99	Year 2 Avg Hourly Rate
Year 2	\$50.99	+	3%	=	\$52.52	Year 3 Avg Hourly Rate
Year 3	\$52.52	+	3%	=	\$54.10	Year 4 Avg Hourly Rate
Year 4	\$54.10	+	3%	=	\$55.72	Year 5 Avg Hourly Rate

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

	Estimated %		Total Hours		Total Hours	
	Completed Each Year		per Cost Proposal		per Year	
Year 1	10.00%	*	4994.0	=	499.4	Estimated Hours Year 1
Year 2	80.00%	*	4994.0	=	3995.2	Estimated Hours Year 2
Year 3	10.00%	*	4994.0	=	499.4	Estimated Hours Year 3
Year 4		*	4994.0	=	0.0	Estimated Hours Year 4
Year 5		*	4994.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	4994.0	

Avg Hourly Rate	Estimated hours	
(calculated above)	(calculated above)	Cost per Year

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

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name:	Ayman Salama	Title *:	Principal
Signature	:	Date of Certification (mm/dd/yyyy):	
Email:	aesalama@transystems.com	Phone Number:	949-798-9385

Address: <u>6 Hutton Centre Dr, Suite 800, Santa Ana, CA 92707</u>

Fu	ully Lo	aded Hourly Rate (Direct Labor, overhead, and profit)	\$183.65	\$137.64	\$77.75	\$76.13	\$78.06	\$61.86	\$64.64		out	÷
TASKSas	sk No	Staff Name	Ayman Salama	Andre Issa	Jaime Garcia	Shunji Jiang	Kevin Nguyen	Andre Castillo	Tracy Levine	JRS	withou	with ition
		Staff Classification	Project Manager	Sr. Project Engineer	Engineer II	Engineer II	Engineer II	Engineer I	Admin Assistant	TOTAL HOURS	TOTAL COST w Labor Escala	TOTAL COST with Labor Escalation
1 P	rojeo	ct Management Services										
1.	.1	Administration	32	60						92	\$14,135.12	\$14,560.45
1.	.2	Coordination and Meetings	32	60						92	\$14,135.12	\$14,560.45
1.	.3	Quality Assurance and Quality Control	32	60						92	\$14,135.12	\$14,560.45
1.	.4	Project Schedule	32	60						92	\$14,135.12	\$14,560.45
1.	.6	Project Budget, Cost Accounting and Reporting							160	160	\$10,343.07	\$10,654.30
2 D	raft	Final Design Services (35% PS&E)										
2.	.5	Structures Type Selection Report, GP, & Estimate	80	160	160	160	160	160		880	\$83,721.97	\$86,241.17
5 D	raft	Final Design Services – 65% PS&E Submittal										
5.	.17	Bridge Plans	80	280	280	280	280	280		1480	\$135,494.56	
6 D	raft	Final Design Services – 95% PS&E Submittal										
6.	.17	Bridge Plans	80	280	280	280	280	280		1480	\$135,494.56	
6.	.18	Cost Estimates								0	\$0.00	\$0.00
6.	.19	Specifications								0	\$0.00	\$0.00
7 Fi	inal I	Design Services – 100% PS&E Submittal										
7.	.17	Bridge Plans	24	120	120	120	120	120		624	\$56,180.14	\$57 <i>,</i> 870.60
7.	.18	Cost Estimates								0	\$0.00	\$0.00
		Specifications								0	\$0.00	\$0.00
8 R	esid	ent Engineer File and Supplemental Materials										
т	OTAL	HOURS	392	1,080	842	840	840	840	160	4,994	\$477,930.28	\$492,311.20
									Tota	l Escalations	\$14,381	
										Total	\$492,311.20	