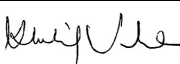


Cost & Price Form

Name of Firm: EXP U.S. SERVICES				
Project: Beaumont MDP Line 2 - Stage 1				
	Year 2020-2021			Notes and Assumptions: Escalation rates are not applied. New rates become effective January 1, 2022.
	HOURS	RATE	COST	
Project Manager	199	\$115.24	\$22,933	
Senior Project Engineer	24	\$115.38	\$2,769	
Senior CM	34	\$117.79	\$4,005	
Roadway Lead	132	\$115.24	\$15,212	
Roadway Designer	72	\$40.87	\$2,943	
Traffic Engineer	32	\$49.52	\$1,585	
Project Engineer	44	\$40.00	\$1,760	
Structures	62	\$98.16	\$6,086	
Senior Drainage Engineer	236	\$64.95	\$15,328	
Drainage Engineer	442	\$37.25	\$16,465	
Stormwater Engineer	72	\$36.06	\$2,596	
TOTAL	1,349		\$91,681	
TOTAL DIRECT LABOR (COST)				\$91,681
TOTAL DIRECT LABOR (Hours)				1,349
2. INDIRECT COSTS (overhead, G&A - specify)				
	INDIRECT RATE (%)	X BASE =	COST	
Fringe	55.09%	\$91,681	\$50,507	
Overhead	98.99%	\$91,681	\$90,755	
G&A	0.59%	\$91,681	\$541	
TOTAL INDIRECT				\$141,802
3. TOTAL DIRECT COST AND INDIRECT COSTS (sum of lines 1				\$233,483
4. FIXED FEE OR PROFIT				
(specify, applies to line 3 only)	10.00%	\$233,483	\$23,348	
TOTAL FEE				\$23,348
5. OTHER DIRECT COSTS (specify)				
ODC's				\$1,000
TOTAL EXP PRICE				\$257,831
6. SUBCONSULTANT FEES				
David Evans and Associates (Topo Mapping)				\$34,571.89
Geocon (Geotechnical)				\$22,255.00
EPIC Land Solutions (Utilities and Right of Way)				\$45,720.00
ICF (Regulatory Compliance)				\$81,835.00
Total Sub-Consultant Fee				\$184,381.89
TOTAL FEE				\$442,214.00
DATE	SIGNATURE AND TITLE OF AUTHORIZED REPRESENTATIVE OF CONSULTANT			
11/6/2020				

TASK	DESCRIPTION	FIRM	Project Manager	Senior Project Engineer	Senior CM	Roadway Lead	Roadway Designer	Traffic Engineer	Project Engineer	Structures	Senior Drainage Engineer	Drainage Engineer	Stormwater Engineer	TOTAL HOURS
PROJECT MANAGEMENT / COORDINATION / ADMINISTRATION														
1.10	Meetings	EXP	52	24										76
1.11	Coordination and Progress Reporting	EXP	40											40
SUBTOTAL Task 1 - Project Management			92	24	0	0	0	0	0	0	0	0	0	116
ENGINEERING DEVELOPMENT														
6a	30% Submittal Package		32	0	8	4	8	0	0	0	88	160	0	300
6a.1	Catchbasin Hydrology and Hydraulics	EXP	20								24	40		84
6a.b	Drainage Report	EXP	4								24	40		68
6a.3	Preliminary Storm Drain Plan and Profiles (10 sheets)	EXP	8		8	4	8				40	80		148
6b	60% Submittal Package		26	0	6	44	44	16	24	30	56	134	0	380
6b.1	Update Hydrology and Hydraulics	EXP	4								8	24		36
6b.2	Update Drainage Report	EXP	2								8	8		18
6b.3	Storm Drain Plan and Profiles (15 sheets)	EXP	8		4	16	24				24	70		146
6b.4	Traffic Control Plans (4 Sheets)	EXP	2					16	24					42
6b.5	Structural Details (3 sheets)	EXP	2		2					30				34
6b.6	Drainage Details (2 sheets)	EXP	2								8	20		30
6b.7	Technical Specifications and Special Provisions	EXP	4			24	8							36
6b.8	Engineers Estimate	EXP	2			4	12				8	12		38
7a	90% Submittal Package		30	0	2	52	16	8	16	24	44	84	48	324
7a.1	Update Hydrology and Hydraulics	EXP	4								4	4		12
7a.2	Update Drainage Report	EXP	2								4	4		10
7a.3	Storm Drain Plan and Profiles (15 sheets)	EXP	16		2	8	16				24	60		126
7a.4	90% Traffic Control Plans (4 sheets)	EXP	2					8	16					26
7a.5	Structural Details (3 sheets)	EXP	0							24				24
7a.6	Drainage Details (2 sheets)	EXP	0								4	8		12
7a.7	Technical Specifications and Special Provisions	EXP	2			40								42
7a.8	Engineers Estimate	EXP	2			4					8	8		22
7a.9	SWPPP	EXP	2										48	50
7b	100 % Submittal Package		17	0	2	32	4	8	4	8	48	64	24	211
7b.1	Update Hydrology and Hydraulics	EXP	1								4	4		9
7b.2	Update Drainage Report	EXP	1								4	4		9
7b.3	100% Storm Drain Plan and Profiles (15 sheets)	EXP	8		2	4	4				24	40		82
7b.4	Traffic Control Plans (4 Sheets)	EXP	1					8	4					13
7b.5	Structural Details (3 sheets)	EXP	0							8				8
7b.6	Drainage Details (2 sheets)	EXP	0								8	8		16
7b.7	Technical Specifications and Special Provisions	EXP	4			24								28
7b.8	Engineers Estimate	EXP	1			4					8	8		21
7b.9	SWPPP	EXP	1										24	25
QA/QC			2	0	16	0	0	0	0	0	0	0	0	18
QA/QC			2	0	16	0	0	0	0	0	0	0	0	18
SUBTOTAL - Task 4 - Engineering			107	0	34	132	72	32	44	62	236	442	72	1,233
TOTAL			199	24	34	132	72	32	44	62	236	442	72	1,349

SUBCONSULTANT FEES

DAVID EVANS AND ASSOCIATE

Cost & Price Form

NAME OF SUBCONSULTANT: DEA			SANTA GERTRUDIS CREEK - MARGARITA ROAD UNDERC																
Name of Firm: EXP U.S. SERVICES																			
1. DIRECT LABOR	Year 2020-2021																		
	HOURS	RATE	COST																
Robert D. Vasquez, PLS	10	\$75.50	\$755																
Felicia Mantz	9	\$31.90	\$287																
Robert Huff	52	\$55.00	\$2,860																
Jay Bentley	54	\$53.66	\$2,898																
Jerry Woodrow	0	\$56.83	\$0																
Jeff Blakely	44	\$54.11	\$2,381																
Chris Dominquez	0	\$52.06	\$0																
Fulton Torreyson	44	\$49.26	\$2,167																
Mike Balderston	0	\$48.68	\$0																
0	213		\$11,348																
TOTAL				TOTAL COST															
				TOTAL DIRECT LABOR (COST) \$11,348															
				TOTAL DIRECT LABOR (Hours) 213.00															
2. INDIRECT COSTS (overhead, G&A - spe			INDIRECT RATE (%)	X BASE =	COST														
			60.94%	\$11,348	\$6,915														
Fringe			113.61%	\$11,348	\$12,892														
Overhead			0.00%	\$11,348	\$0														
G&A					TOTAL INDIRECT							\$19,808							
												\$31,156							
3. TOTAL DIRECT COST AND INDIRECT C																			
4. FIXED FEE OR PROFIT			10.00%	\$31,156	\$3,116														
(specify, applies to line 3 only)				\$31,156	\$0														
					TOTAL FEE							\$3,116							
5. OTHER DIRECT COSTS (specify)																			
			\$300																
ODC's																			
			TOTAL OTHER DIRECT												\$300.00				
6. TOTAL PROPOSED PRICE (sum of lines 3, 4 and 5)			\$34,571.59																
DATE			SIGNATURE AND TITLE OF AUTHORIZED REPRESENTATIVE OF CONSULTANT																

DAVID EVANS AND ASSOCIATE

TASK	DESCRIPTION	FIRM	Robert D. Vasquez, PL	Felicia Mantz	Robert Huff, PLS	Jay Bentley, PLS	Jerry Woodrow, PLS	Jeff Blakely	Chris Dominguez	Fulton Torreyson	Mike Balderston	TOTAL HOURS	Cost
TASK 2 - SURVEY AND MAPPING													
2.10	Survey Control	DEA	2	1	8	4		8		8		31	\$1,664.50
2.11	Existing Data Review	DEA	2	1	16	8		8		8		43	\$2,319.14
2.12	Additional Ground Surveys	DEA	2	2	8	24		24		24		84	\$4,423.52
2.13	Pothole Surveys	DEA	2	1	4	2		4		4		17	\$923.70
2.14	Right of Way Base Map Updates	DEA	2	4	16	16						38	\$2,017.16
SUBTOTAL - Task 2 -Survey and Mapping			10	9	52	54	0	44	0	44	0	213	\$11,348.02

PROPOSED FEES

Based upon the scope of services discussed above and assumptions made, we have summarized our proposed fees in Table 1, below. Our services will be billed on a time and materials basis in accordance with the attached *Schedule of Fees*. Invoices would be submitted at four-week intervals and would be itemized to reflect only the actual time and costs incurred.

Table 1

Activity Description	Personnel	Rate	Qty	Total
Prefield Activities				
Permit Preparation	Project Engineer	\$130	8	\$1,040
Site Reconnaissance, Mark Out, and USA Notification	Project Engineer	\$130	4	\$520
Cal Trans Permit Fee Estimate		\$1,115	1	<u>\$1,115</u>
			subtotal	\$2,675
Field Activities				
Geotechnical Borings - 2 Days				
Drilling Subcontractor at PW	2R Drilling	\$7,555	1	\$7,555
Geotechnical logging and sampling	Geologist/Engineer	\$130	18	\$2,340
Traffic Control Signage	Rental	\$575	1	\$575
Surry & Temp AC	Supplies	\$300	1	<u>\$300</u>
			subtotal	\$10,770
Laboratory Testing				
Maximum Density Optimum Moisture, Moisture & Density, Direct Shear, Corrosion Screening, R-value, Expansion Potential	Laboratory	\$5,010	1	\$5,010
Geotechnical Analysis and Recommendations				
Draft Geotechnical Report	Geocon	\$2,800	1	\$2,800
Finalizing Report	Geocon	\$1,000	1	<u>\$1,000</u>
			subtotal	\$3,800
				TOTAL ESTIMATE: \$22,255
Optional Pump Test				
	BC2 Environmental	\$8,115	1	\$8,115
Costs to disposed of pumped water will be added to this estimate based on environmental lab tests of pumped water.				

EPIC

Cost & Price Form

Name of Firm: EXP U.S. SERVICES				
Project: Beaumont MDP Line 2 - Stage 1				
	Year 2020-2021			Notes and Assumptions: Escalation rates are not applied.
	HOURS	RAW RATE	COST	
Curtis Bibolet	113	\$50.00	\$5,650	
Ryan Ackland	140	\$26.44	\$3,702	
Abigail Lopez	17	\$42.40	\$721	
TOTAL	270		\$10,072	
TOTAL DIRECT LABOR (COST)				\$10,072
TOTAL DIRECT LABOR (Hours)				270
2. INDIRECT COSTS (overhead, G&A - specify)				
	INDIRECT RATE (%)	X BASE =	COST	
Fringe	51.89%	\$10,072	\$5,227	
Overhead	69.65%	\$10,072	\$7,015	
G&A	53.02%	\$10,072	\$5,340	
TOTAL INDIRECT				\$17,582
3. TOTAL DIRECT COST AND INDIRECT COSTS (sum of lines 1.				\$27,655
4. FIXED FEE OR PROFIT				
(specify, applies to line 3 only)	10.00%	\$27,655	\$2,765	
TOTAL FEE				
5. OTHER DIRECT COSTS (specify)				
ODC's				\$15,300
TOTAL PRICE				\$45,720
DATE	SIGNATURE AND TITLE OF AUTHORIZED REPRESENTATIVE OF CONSULTANT			

EPIC

TASK	DESCRIPTION	FIRM	Curtis Bibolet	Ryan Ackland	Abigail Lopez	TOTAL HOURS
TASK 3 - Utilities Research						
3.00	Project Management (Meetings, File maintenance, File close-out, Status reports, etc.).		16	23	16	55
3.10	Utility Research		29	32		61
3.20	Pothole Coordination		16	18	1	35
3.2a	Utility Coordination		52	67		119
	SUBTOTAL Task 3 - Utilities Research		113	140	17	270
TOTAL	Subconsultant Total		113	140	17	270

EPIC

SCHEDULE II - OTHER DIRECT COSTS SCHEDULE

	Type of ODC	Quantity	Unit Rate	Budget Amount
Actual	Mileage	1	\$400.000	\$400.00
Actual	Real estate and property ownership data	1	\$200.000	\$200.00
Actual	Potholing	10	\$1,500.000	\$15,000.00
Actual	Postage/Overnight Packages	1	\$170.000	\$170.00
			Total	\$15,770.00
			Rounded	\$16,000.00

**ICF
Cost & Price Form**

Name of Firm: EXP U.S. SERVICES Project: Beaumont MDP Line 2 - Stage 1				
	Year 2020-2021			Notes and Assumptions: Escalation rates are not applied.
	HOURS	RAW RATE	COST	
Calvert, Brian	12	\$96.91	\$1,162.92	
Leight, Debra	17	\$60.67	\$1,031.39	
Corpuz, Monica	106	\$50.48	\$5,350.88	
Vargas, Benjamin	10	\$54.50	\$545.00	
Hoisington, Gregory	10	\$62.28	\$622.80	
Flacy, Meagan	8	\$27.04	\$216.32	
Cooper, Keith	8	\$69.40	\$555.20	
Garcia, Johnnie	38	\$44.36	\$1,685.68	
Hardie, Jon	10	\$61.29	\$612.90	
Higginson, Jonathan	4	\$60.26	\$241.04	
Moskus, Eric	34	\$40.87	\$1,389.58	
Pham, Peter	20	\$28.49	\$569.80	
Yates, Timothy	8	\$43.81	\$350.48	
Roderick, Margaret	32	\$31.18	\$997.76	
Flores, Marisa	53	\$48.32	\$2,560.96	
Richards, Phillip	50	\$48.80	\$2,440.00	
Klinefelter, Kristen	32	\$35.17	\$1,125.44	
Byram, Saadia	38	\$38.80	\$1,474.40	
Shook, Jill	6	\$32.40	\$194.40	
Trageser, Darrin	36	\$35.73	\$1,286.28	
TOTAL	532		\$24,413.23	
TOTAL DIRECT LABOR (COST)				\$24,413.23
TOTAL DIRECT LABOR (Hours)				532.00
2. INDIRECT COSTS (overhead, G&A - specify)				
	INDIRECT RATE (%)	X BASE =	COST	
Fringe	36.77%	\$24,413.23	\$8,976.74	
Overhead	135.16%	\$24,413.23	\$32,996.92	
G&A	6.74%	\$24,413.23	\$1,645.45	
				\$43,619.12
3. TOTAL DIRECT COST AND INDIRECT COSTS (sum of lines 1-2)				\$68,032.35
4. FIXED FEE OR PROFIT				
(specify, applies to line 3 only)	10.00%	\$68,032.35	\$6,803.23	
				\$6,803.23
5. OTHER DIRECT COSTS (specify)				
ODC's				\$7,000.00
TOTAL PRICE				\$81,835.58
DATE	SIGNATURE AND TITLE OF AUTHORIZED REPRESENTATIVE OF CONSULTANT			

ICF

TASK	DESCRIPTION	FIRM	Calvert, Brian	Leight, Debra	Corpuz, Monica	Vargas, Benjamin	Holsington, Gregory	Flacy, Meagan	Cooper, Keith	Garcia, Johnnie	Hardie, Jon	Higginson, Jonathan	Moskus, Eric	Pham, Peter	Yates, Timothy	Roderick, Margaret	Flores, Marisa	Richards, Phillip	Klinefelter, Kristen	Byram, Saadia	Shook, Jill	Trageser, Darrin	TOTAL HOURS	
			297.065	185.976	154.74	167.063	190.911	82.8876	212.737	135.98	187.877	184.719	125.282	87.3324	134.294	95.5782	148.119	149.59	107.809	118.936	99.318	109.526		
TASK X - XXX																								
Task 1	Project Management and Coordination	ICF	8	8	74																6		96	
Task 2	Biological Resources Technical Report and Focused Surveys	ICF	1	2	8		10			20							53	50	32	10			186	
Task 3	Noise Technical Memorandum	ICF	1	1	6					8	10	4	34							8				72
Task 4	Cultural Resources Assessment	ICF	1	4	8	10				10				20	8	32				12				105
Task 5	Air Quality and Greenhouse Gas Technical Memorandum	ICF	1	1	6				8											8		36		60
Task 6	CEQA Categorical Exemption	ICF		1	4			8																13
X.XX	XX	ICF																						0
	SUBTOTAL Task X -XXX		12	17	106	10	10	8	8	38	10	4	34	20	8	32	53	50	32	38	6	36	532	
TOTAL	Subconsultant Total		12	17	106	10	10	8	8	38	10	4	34	20	8	32	53	50	32	38	6	36	532	