From Bridgefarmer Rd in Lowry Crossing, TX to CR 400 in Princeton, TX; From 2300 ft east of FM 982 to Baron

Total BGE, Inc. Fee (Engineering/Survey/ROW/SUE)

Total Lamb-Star Engineering, L.P. Fee

Total Gorrondona & Associates, Inc. Fee (Aerial LiDAR/Ortho-Photogrammetry)

Total Terracon Consultants, Inc. Fee (Geotechnical Investigations)

Total RDV Systems, Inc. Fee (3D Design/Visualization Services)

Total Public Information Associates (PIA) Fee (Public/Stakeholder Involvement - Includes PublicInput.com)

Total BGE, Inc. Team Fee

Breakdown by Services	<u>Totals</u>
Engineering/Stakeholder Involvement	\$802,158.50
Ground Survey & Aerial Photgrammetry/Flight (entire corridor)	\$170,203.76
Utility Investigation/Coordination & SUE services	\$64,231.10
ROW Mapping (including fieldwork and abstracting)	\$258,712.93
Geotechnical Services (including pavement design)	\$50,190.22
3D visualization/animation services	\$49,042.42
Total:	\$1,394,538.93

Drive; At Intersection	n with US 380
	\$862,093.79
	\$247,876.50
	\$99,415.00
	\$50,190.22
	\$49,042.42
	\$85,921.00
	\$1,394,538.93

From Bridgefarmer Rd in Lowry Crossing, TX to CR 400 in		Subject Matter Expert/	Senior	Project	Design		Senior Civil	Senior		
Princeton, TX; From 2300 ft east of FM 982 to Baron Drive; At	Sr. Project Manager			Troject	Design					
Intersection with US 380	ger	Task Manager	Engineer	Engineer	Engineer	EIT	Designer (20+ yrs)	Env. Scientist	Clerical	Totals
Rate	\$260.00	\$245.00	\$198.00	\$135.00	\$120.00	\$110.00	\$170.00	\$170.00	\$85.00	
BASIC SERVICES										
TASK BS1 - ASSEMBLY AND REVIEW OF DATA										
A. COLLECTION OF DATA, REPORTS, AND MAPS										
Data Collection (includes coordination with other Firms)	2	2	4	8	16	4			2	38
B. FIELD RECONNAISSANCE										
Field Reconnaissance (initial site visit)	4		4	8						16
C. REVIEW OF DATA / BASE FILE CREATION										
Review of Data / Base Files Creation / Project Setup	2	2	8	8	24		40		2	86
D. PRELIMINARY DESIGN CONFERENCE / DSR				-			-		-	
	8	2	8	8	12	16	4		2	60
TASK BS1 TOTALS (HOURS)	16	6	24	32	52	20	44	0	6	200
TASK BS1 TOTALS (COST)	\$4,160.00	\$1,470.00	\$4,752.00	\$4,320.00	\$6,240.00	\$2,200.00	\$7,480.00	\$0.00	\$510.00	\$31,132.00
TASK BS2 - CORRIDOR TYPICAL SECTION EVALUATION										
A. CORRIDOR SECTION EVALUATION		^				10				
Development of Typical Sections (Interim and Ultimate)	2	2	4			12	4			24
TASK BS2 TOTALS (HOURS)	2	2	4	0	0	12	4	0	0	24
	\$520.00	\$490.00	\$792.00	\$0.00	\$0.00	\$1,320.00	\$680.00	\$0.00	\$0.00	
	ຈວ∠0.00	\$490.00	\$792.00	\$U.UU	\$0.00	\$1,320.00	\$680.00	۵ 0.00	\$0.00	\$3,802.00
TASK BS3 - CORRIDOR ALTERNATIVES ANALYSIS										
A. Lowry Crossing Alignment Analysis (Up to 5 Alternatives)	0	0	0	04		00	40			0
Horizontal and Vertical Alignment Analysis Conceptual 3D modeling	8	8	8	24 16		80 80	16 40			<u> </u>
Identification of Impacts	2	2	<u> </u>	4		20	40			32
Development of Cost Estimates	1	2	8	8		40			2	61
B. Development of Comparison Scoring Matrix	•	<u>L</u>	0	0		-10			2	0
Lowry Crossing Alignments	6	1	8	12	24	24	8			83
C. PUBLIC MEETINGS										0
(See section BS7)										0
Engineer's responses to public/stakeholder comments	4		4	4		16	12		2	42
(all meetings)										0
D. CORRIDOR PRESENTATIONS										0
Prepare Presentations (2)	8	12		12		24			12	68
Conduct Presentations (2)	12	12		12		24			40	60
TASK BS3 TOTALS (HOURS)	45	39	34	92	24	308	76	0	16	634
TASK BS3 TOTALS (COST)	\$11,700.00	\$9,555.00	\$6,732.00	\$12,420.00	\$2,880.00	\$33,880.00	\$12,920.00	\$0.00	\$1,360.00	\$91,447.00
TASK BS4 - SCHEMATIC DEVELOPMENT										
A. GENERAL	A	^		0		04	4			00
Typical Sections	28	2	16	28	40	24 100	80			<u> </u>
Schematic Exhibit Development 3D Corridor Model Development (Bentley OpenRoads)	28	8	<u>16</u> 8	28	40 40	100	80			254
Evaluate Utility Conflicts that impact design	<u> </u>	4	2	20	40 Δ	16	OU			234
Level of Service Analysis for Multi-Lane Highway	8		24	40	–	10	8			80
ROW Development	2	4		16		24	16			62
B. INTERSECTIONS	_	· · · · · · · · · · · · · · · · · · ·							I	
Project at Bridgefarmer, The Crossings Dr and CR 393	4	7	18	44		48	22			143
Alignment approaching FM 982 and Intersection with US 380	4	6	8	40		40	16			114
Minor intersections	1	2	4	16		40	8			71
Proposed roadways	1	1	2	4		16	2			26
Level of Service Analysis for Intersections	8		40	60			8			116

EXHIBIT "C" - FEE SCHEDULE BGE, Inc.

From Bridgefarmer Rd in Lowry Crossing, TX to CR 400 in Princeton, TX, From 2300 ft east of FM 982 to Baron Drive; At Intersection with US 380 Subject Matter Expert/ Task Manager Senior Project Design EIT Senior Civil Senior Clerical Totals Intersection with US 380 Rato \$260.00 \$246.00 \$198.00 \$135.00 \$110.00 \$170.00 \$170.00 \$85.00 C. PROLECT DELIVERY
Intersection with US 380 Image of the section with US 380 Task Manager Engineer Engineer <thenginer< th=""> Engineer Engin</thenginer<>
Intersection Rate \$260.00 \$245.00 \$198.00 \$135.00 \$120.00 \$110.00 \$170.00
C. PROJECT DELIVERY Prepare and Submit 30% including QA/QC 4 2 16 12 20 56 24 4 138 Prepare and Submit 30% including QA/QC 4 2 16 12 24 80 24 4 166 Prepare and Submit 30% including QA/QC 4 2 8 4 16 40 16 4 94 CR400&CR452 BGE Free v2 Rev030620.pdf 2 8 4 16 16 4 94 D.ROLECT UPDATE PRESENTATIONS 2 16 24 24 4 72 C. Chduck Presentations 8 6 12 20 24 4 72 C. Chduck Presentations 8 6 12 20 24 4 72 C. Chduck Presentations 8 6 186 352 152 624 328 0 20 1,816 TASK BS4 TOTALS (HOURS) 94 60 186 352 152 624 328
Prepare and Submit 30% including QAVQC 4 2 16 12 20 56 24 4 138 Prepare and Submit 30% including QAVQC 4 2 16 12 24 80 24 4 166 Prepare and Submit 30% including QAVQC 4 2 8 4 16 40 16 4 94 CR4004QCR452 BGE Fee, V2 Rev030620, pdf 4 2 8 4 8 16 16 4 94 CR4004QCR452 BGE Fee, V2 Rev030620, pdf 4 2 8 4 8 16 16 4 94 LOS Report 2 16 24 8 4 8 16 14 94 Conduct Presentations 8 12 20 24 4 4 72 Conduct Presentations 8 12 20 24 4 94 16 14 TASK B54 TOTALS (HOURS) 94 60 186 352 152
Prepare and Submit 90% including QA/QC 4 2 16 12 24 80 24 4 166 Prepare and Submit 90% including QA/QC 4 2 8 4 16 40 16 4 94 CR4008CR452_BOE_Fee_V2_Rev305020.pdf 4 2 8 4 8 16 16 4 94 DCR ROLECT UPDATE PRESENTATIONS 2 16 24 24 4 4 72 Onduct Presentations 8 12 20 24 4 4 72 Conduct Presentations 8 6 14 72 14 4 72 Conduct Presentations 8 6 12 20 24 4 4 72 TASK BS4 TOTALS (HOURS) 94 60 186 352 152 624 328 0 20 1,816 TASK BS4 TOTALS (HOURS) 2 16 2 2 6 2 0 0 0
Prepare and Submit 90% including 0A/QC 4 2 8 4 16 40 16 4 94 CR4008CR452 BGE Fee_V2_ReV30620.pdf 4 2 8 4 8 16 16 4 62 LOS Report 2 16 24 - 42 PROJECT UPDATE PRESENTATIONS - - - - 42 Onduct Presentations 8 12 20 24 4 4 72 Conduct Presentations 8 6 - - 14 4 72 TASK BS4 TOTALS (HOURS) 94 60 186 352 152 624 328 0 20 1,816 TASK BS4 TOTALS (COST) \$24,440.00 \$14,700.00 \$36,828.00 \$47,520.00 \$18,240.00 \$56,640.00 \$55,760.00 \$0.00 \$1,000.00 \$267,828 1 QAVC 2 16 2 0 0 0 0 0 0 0 0
Image: CR4008CR452_BGE_Fee_v2_Rev030620.pdf 4 2 8 4 8 16 16 4 62 LOS Report 2 16 24 - 42 42 42 42 42 42 42 42 42 42 42 42 42 44 72<
LOS Report 2 16 24 42 D. PROJECT UPDATE PRESENTATIONS
D. PROJECT UPDATE PRESENTATIONS Prepare Presentations 8 12 20 24 4 4 72 Conduct Presentations 8 12 20 24 4 4 72 Conduct Presentations 8 6 16 20 24 328 0 20 1,816 TASK BS4 TOTALS (HOURS) 94 60 186 352 152 624 328 0 20 1,816 TASK BS4 TOTALS (COST) \$24,440.00 \$14,700.00 \$36,828.00 \$47,520.00 \$18,240.00 \$68,640.00 \$55,760.00 \$0.00 \$1,700.00 \$267,828 TASK BS5 THYDROLOGIC AND HYDRAULIC INVESTIGATION 2 16 2 2 20 2 20
Prepare Presentations 8 12 20 24 4 4 72 Conduct Presentations 8 6 6 6 6 64 64 72 TASK B54 TOTALS (HOURS) 94 60 186 352 152 624 328 0 2 14 TASK B54 TOTALS (COST) \$24,440.00 \$14,700.00 \$36,828.00 \$47,520.00 \$18,240.00 \$68,640.00 \$55,760.00 \$0.00 \$1,700.00 \$267,828 TASK B55 - HYDROLOGIC AND HYDRAULIC INVESTIGATION 2 16 2 - </td
Conduct Presentations 8 6 1 0 1 0 1 0 1 1 TASK BS4 TOTALS (HOURS) 94 60 186 352 152 624 328 0 20 1,816 TASK BS4 TOTALS (COST) \$24,40.00 \$14,700.00 \$36,82.00 \$47,520.00 \$18,240.00 \$66,640.00 \$55,760.00 \$0.00 \$1,700.00 \$26,83.00 TASK BS5 - HYDROLOGIC AND HYDRAULIC INVESTIGATION 2 1 QA/QC 2 16 2 6 2 6 2 6 0 0 \$0.00 \$1,700.00 \$26,783.00 1 QA/QC 2 16 2 2 16 2 2 16 2 2 16 2 2 16 2 2 16 2 16 2 16 2 0 0 0 0 0 0 2 2 16 2 2 16 2 2 2 2
TASK BS4 TOTALS (HOURS) 94 60 186 352 152 624 328 0 20 1,816 TASK BS4 TOTALS (COST) \$24,440.00 \$14,700.00 \$36,828.00 \$47,520.00 \$18,240.00 \$55,760.00 \$0.00 \$1,700.00 \$267,828 TASK BS5 - HYDROLOGIC AND HYDRAULIC INVESTIGATION 2 16 2 2 624 328 0 20 \$267,828 1 QA/QC 2 16 2 3 3
TASK BS4 TOTALS (COST) \$24,440.00 \$14,700.00 \$36,828.00 \$47,520.00 \$18,240.00 \$68,640.00 \$55,760.00 \$0.00 \$1,700.00 \$267,828 TASK BS5 - HYDROLOGIC AND HYDRAULIC INVESTIGATION 2 16 2
TASK BS5 - HYDROLOGIC AND HYDRAULIC INVESTIGATION00<
1 QA/QC 2 16 2 0 0 0 0 0 0 2 2 2 2 0 0 0 0 0 2 2 0 0 0 0 0 0 2 2 0 0 0 0 0 0 2 2 0 0 0 0 0 0 0 2 2 0 0 0 0 0 0 0 2 0<
2 A-C. Hydrologic and Hydraulic Investigation Image: Comparison of the comparison
2 A-C. Hydrologic and Hydraulic Investigation Image: Comparison of the comparison
3 D. Drainage Design Technical Summary Report216200000020TASK BS5 TOTALS (HOURS)216200000020TASK BS5 TOTALS (COST)\$520.00\$3,920.00\$3,920.00\$0,00\$
TASK BS5 TOTALS (HOURS)21620000020TASK BS5 TOTALS (COST)\$520.00\$3,920.00\$396.00\$0.00
TASK BS5 TOTALS (COST)\$520.00\$3,920.00\$396.00\$0.00\$0.00\$0.00\$0.00\$0.00\$4,836.00TASK BS7 - PUBLIC/STAKEHOLDER INVOLVEMENTIII<
TASK BS7 - PUBLIC/STAKEHOLDER INVOLVEMENTImage: Constant of the state o
A Public Involvement Plan (effort led by PIA) 1 1 B Public Involvement Management (effort led by PIA) 2 2 4 8 2 18 C Stakeholder Involvement 50 2 52 8 40 20 154
B Public Involvement Management (effort led by PIA) 2 2 4 8 2 18 C Stakeholder Involvement 50 2 52 8 40 2 154
C Stakeholder Involvement 50 2 52 8 40 2 154
Additional Property Owner/Stakeholder Coordination 50 2 52 8 10 10 152
D Public Meetings (2 Estimated)888440169
TASK BS7 TOTALS (HOURS) 111 14 112 20 4 128 0 0 5 394
TASK BS7 TOTALS (COST) \$28,860.00 \$3,430.00 \$22,176.00 \$480.00 \$14,080.00 \$0.00 \$425.00 \$72,151.
TASK BS8 - PROJECT MANAGEMENT
A. SCHEDULE, PROGRESS REPORTS, AND INVOICES
Schedule and Updates 6 18 24 6 48
Progress Reports 6 18 24 6 5 53
Preparing Invoices 6 18 12 9 45
B. PROGRESS/COORDINATION MEETINGS
Prepare for and Attend Client Coordination Meetings (18) 40 36 8 22 4 16 126
Prepare for and Attend Internal Coordination Meetings (18) 18 18 66
Prepare subcontracts, direct & monitor sub activities, review sub
work and invoices
Prepare and Distribute Meeting Minutes340340
TASK BS8 TOTALS (HOURS) 79 63 154 0 16 44 0 33 393
TASK BS8 TOTALS (COST) \$20,540.00 \$15,435.00 \$30,492.00 \$0.00 \$1,920.00 \$4,840.00 \$680.00 \$0.00 \$2,805.00 \$76,712.
TOTAL BGE HOURS (BASIC SERVICES) 349 200 516 496 248 1,136 456 0 80 3,481
TOTAL BGE LABOR COST (BASIC SERVICES) \$90,740.00 \$49,000.00 \$102,168.00 \$29,760.00 \$124,960.00 \$77,520.00 \$0.00 \$6,800.00 \$547,908

Direct Expenses	Unit	Quantity	Rate	Total
8.5" x 11" Copies (b&w)	EA	100	\$0.10	\$10
8.5" x 11" Copies (color)	EA	300	\$0.75	\$225
11"x17" Copies (color)	EA	300	\$1.25	\$375
Report Binding	EA	10	\$20.00	\$200
Mileage	MILE	3,000	\$0.58	\$1,740
FEMA Data	LS	2	\$350.00	\$700
USB Thumb Drive	EA	4	\$15.00	\$60
Bond Plots (Color)	SF	1,000	\$2.75	\$2,750
Exhibit Mounting (Directional Signs, etc)	EA	15	\$120.00	\$1,800
Miscellaneous Supplies (w/approval from County PM)	EA	5	\$100.00	\$500
Overnight letter	EA	10	\$25.00	\$250
Postage (Express Mail)	EA	1,000	\$2.00	\$2,000
Total Direct Expenses				\$10,610.00
Total BGE, Inc. BS Fee				\$558,518.00

From Dridgeformer Dd in Lowr (Creecing, TV to CD 400 in Dringeton, TV: From	RPLS	QA/QC	RPLS	Chief of	Sr. Survey	Survey	Survey	TOTAL
From Bridgefarmer Rd in Lowry Crossing, TX to CR 400 in Princeton, TX; From	Project	Manager		Parties	Tech	Tech	Crew	LABOR HRS.
2300 ft east of FM 982 to Baron Drive; At Intersection with US 380	Manager							& COSTS
TASK SS1 - SURVEYING								
Field Surveying		12	52	9	74	66	262	475
Set Aerial Control Panels (approximately 51 panels)		2	8		36		100	146
Set Primary Control Points (approx. 22 points)		6	32	9	16		162	225
Provide Horizontal and Vertical Control Sheets		4	12		22	66		104
HOURS SUB-TOTALS		12	52	9	74	66	262	475
CONTRACT RATE PER HOUR	\$ 214.75	\$ 197.16	\$ 197.16	\$ 142.18	\$ 111.72	\$ 101.57	\$ 160.00	
TOTAL LABOR COSTS	\$0.00	\$2,365.92	\$10,252.32	\$1,279.62	\$8,267.28	\$6,703.62	\$41,920.00	\$70,788.76
SUBTOTAL (SURVEYING)	\$0.00	\$2,365.92	\$10,252.32	\$1,279.62	\$8,267.28	\$6,703.62	\$41,920.00	\$70,788.76
		· /	· · · ·	Ŧ)		· · · · · · · ·	+)	
TASK SS1 - ROW MAPPING								
Develop Right of Way Maps, Deed Descriptions and Plats	24	68	135	40	350	225	425	1267
Parcel Plat & M&B (approx. 45 parcels)	24	56	135	40	300	225	425	1205
ROE Permission & Tracking (approx. 45 parcels)		12			90			102
HOURS SUB-TOTALS	24	68	135	40	350	225	425	1267
CONTRACT RATE PER HOUR	\$ 214.75	\$ 197.16			\$ 111.72			1201
TOTAL LABOR COSTS	\$5,154.00	\$13,406.88	\$26,616.60	\$5,687.20	\$39,102.00	\$22,853.25	\$68,000.00	\$180,819.93
SUBTOTAL (ROW MAPPING)	\$5,154.00	\$13,406.88	\$26,616.60	\$5,687.20	\$39,102.00	\$22,853.25	\$68,000.00	\$180,819.93
Direct Expenses	φ0,101.00	¢10,100.00	φ20,010.00	φ0,007.20	φ00,102.00	<i>ΨLL</i> ,000.20	400,000.00	<i><i><i>w</i>100,010.00</i></i>
		Number of				1		
Task Description	Per Item Rate	Items	Unit					
Utility Vehicle - UTV	\$125.00	30	DAY					\$ 3,750.00
Deed Copies	\$5.00		SHEET					\$ -
GPS Unit	\$25.00		HOURS					\$ -
Map Records	\$5.00		SHEET					\$ -
Mileage	\$0.54		EA					\$-
Photcopies B/W (8.5x11)	\$0.10		EA					\$ 45.00
Plan Reproduction B&W (11x17)	\$0.20		EA					\$ 20.00
Postage (express mail)	\$12.40	45	EA					\$ 558.00
Primary Control Monument - Poured 2-3 Feet (includes cap, One Call, crew time, equipment,								
materials, rentals, labor	\$250.00	22	EA					\$ 5,500.00
Direct Expenses Totals								\$ 9,873.00
Total BGE, Inc. SS1 Fee								\$261,481.69

From Bridgeformer Bd in Lower Creasing, TV to CB 400 in Bringston, TV: From	Sr.	Project	Design	Engineer-In-	Designer	RPLS	Survey	SUE	2-Man	TOTAL	
From Bridgefarmer Rd in Lowry Crossing, TX to CR 400 in Princeton, TX; From 2300 ft east of FM 982 to Baron Drive; At Intersection with US 380	Project	Manager	Engineer	Training			Tech.	Field	Designating	LABOR HF	RS.
	Manager							Manager	Crew	& COSTS	s
TASK SS2 - Utility Investigation (SUE)	, j										
Utility Investigation (SUE)	6	40		84	48	4	14	20	88	304	
A. Project Management, Coordination, & QA/QC	1	8		2	2	4		2		19	
B. Digtess Ticket Preparation & Coordination w/ Utility Site Rep's								6		6	
C. Records Research		2		12				4		18	
D. Level C/D Linework (Area incl. 4 options)	1	6		30	30					67	
E. Field Locating (For final selected alignment)									88	88	
F. Mapping of Level B Line Work	1	6		12	12		14			45	
G. Address QA/QC Comments, File Cleanup, Deliverables	1	4		4	4			8		21	
H. Conflict List	2	14		24						40	
HOURS SUB-TOTALS	6	40		84	48	4	14	20	88	304	
CONTRACT RATE PER HOUR	\$ 234.00	\$ 172.00	\$ 120.0	0 \$ 94.00	\$ 111.00	\$ 179.00	\$ 78.00	\$ 98.00	\$ 180.00		
TOTAL LABOR COSTS	\$1,404.00	\$6,880.00	\$0.00	\$7,896.00	\$5,328.00	\$716.00	\$1,092.00	\$1,960.00	\$15,840.00	\$41,11	6.00
SUBTOTAL - Utility Investigation (SUE)	\$1,404.00	\$6,880.00	\$0.00	\$7,896.00	\$5,328.00				\$15,840.00	\$41,116	3.00
	<i>•••••••••••••••••••••••••••••••••••••</i>	<i>v</i> ,	<i>t</i> oroo	<i><i>(</i>,<i>)</i>,<i>,,,,,,,,,,,,,</i></i>	<i><i>vo</i>,<i>ooioo</i></i>				<i></i>	<i> </i>	
Direct Expenses		11				1	[1	1		
	Per Item	Number of									
Task Description	Rate	Items	Unit								
Mileage (miles)	\$0.58	1680	EA							\$ 974	4.40
Photcopies B/W (8.5"x11")	\$0.10		EA								0.30
Photcopies B/W (11"X17")	\$0.20		EA								3.40
Toll Charges (each)	\$10.00		EA							\$	-
Abstractor Fee	\$510.00		EA							\$	-
Type II ROW & Control Monuments	\$20.00		EA							\$	-
										\$	-
										\$	-
Direct Expenses Totals										\$ 978	8.10
Total BGE, Inc. SS2 Fee										\$42,094	I.10

EXHIBIT "C" - FEE SCHEDULE LAMB-STAR ENGINEERING, L.P.

New Location Road

						La	bor (hours)							
Task No.	Task Description	Senior Design Engineer	Project Engineer	Design Engineer	Engineer-In- Training	Sr CAD Operator	RPLS Project Manager	RPLS Task Lead	GIS Technician	Survey Tech	Abstractor	Admin/ Clerical	Total Labor Cost	Task Sub Total
	Rate	+-++	\$175	\$150		\$135								
	Project Management	36	48	0	0	0	0	0	0	0	0	36		
	Progress Reports and Invoices (assume 12)		12									36		
	Project Coordination Meeting (assume 6)	18	18										\$ 6,750.00	\$ 6,750.00
1.3	Site Visit (1 Visit)	18	18										\$ 6,750.00	\$ 6,750.00
BS5	Drainage	45	102	130	128	36	0	0	0	0	0	0	\$ 66,570.00	\$ 66,570.00
	OPCC - Scour Countermeasures	1	1	1									\$ 525.00	\$ 525.00
	OPCC - Parallel Culverts	1	2	2	4								\$ 1,330.00	\$ 1,330.00
	Minor Drainage (8 locations)													
	Drainage Area Mapping	2	4	10	24	2							\$ 5,750.00	\$ 5,750.00
	Calculate Discharges	1	4	8		4							\$ 3,840.00	\$ 3,840.00
A.3	Size Cross Drainage Structures (HY-8)	4	24	32	40	25							\$ 17,975.00	\$ 17,975.00
В	Major Drainage (1 location)													
B.1	Obtain and Review FEMA Data	1	1	1									\$ 525.00	\$ 525.00
B.2	Drainage Area Mapping	1	1	2	4	1							\$ 1,290.00	\$ 1,290.00
B.3	Calculate Discharges	1	1	1	2	1							\$ 900.00	\$ 900.00
B.4	Develop Hydraulic Models (HEC-RAS)	4	14	22	22	3							\$ 9,595.00	\$ 9,595.00
B.5	Develop Alternative Drainage Schemes	1	6	9	4								\$ 3,080.00	\$ 3,080.00
	Identify Easement Requirements	1	1	1									\$ 525.00	\$ 525.00
B.7	Size Cross Drainage Structures	1	1	1	2								\$ 765.00	\$ 765.00
С	Closed Storm Sewer	2	12	20									\$ 5,500.00	\$ 5,500.00
D	Drainage Report (2 copies)	24	30	20	16								\$ 14,970.00	\$ 14,970.00
BS3	Corridor Alternatives Analysis	76	68	76	56	28	0	0	0	0	0	4	\$ 49,440.00	\$ 49,440.00
	Lowry Crossing Alignment	32	40	60		16			•				\$ 29,360.00	\$ 29,360.00
	Stakeholder Meetings (4 Meetings)	28	16	8	8	8							\$ 11,860.00	\$ 11,860.00
	Corridor Presentation	16	12	8	8							2	,	\$ 8,220.00
						-								
	Schematic Development	9	30	48		8	0	0	0	0	0	0	, ,	
	Alternative Analysis	6	20	12		0							· · · · · · · · · · · · · · · · · · ·	\$ 7,700.00
	TCP Narrative and Construction Sequence	2	6	30	40	8							\$ 11,830.00	
4.4	Quantity and Estimate	1	4	6	4	0							\$ 2,280.00	\$ 2,280.00
SS1	ROW Base Map	0	0	0	0	0	28	49	24	172	350	7	\$ 68,020.00	\$ 68,020.00
	Abstracting and Ownership List (Assuming 45													
	properties)						8	12	24	12	350			\$ 39,722.00
SS1.2	Abstract Map (working sketch)						20	37		160		2	\$ 28,298.00	\$ 28,298.00
000	Subaurfaaa Utilitu lavaatisatian												¢	¢
	Subsurface Utility Investigation QL A - See Direct Expenses for details	0	0	0	0	0	0	0	0	0	0	0	-	\$ - \$-
6.1	AL V - See Dilect Exhelizes IOI deralis												\$-	φ -

EXHIBIT "C" - FEE SCHEDULE LAMB-STAR ENGINEERING, L.P.

New Location Road

						load						
Total Labor	166	248	254	238	72	28	49	24	172	350	47 \$	225,400.00 \$ 225,400.00

DIRECT EXPENSES

	1	Unit Cost	Quantity	Total Co	ost	Description
BASIC SERVICES						
Mileage	\$	0.58	275		9.50	
8.5" x 11" Copies (color)	\$	0.75	240	\$ 18	0.00	
Total				\$ 33	9.50	
SPECIAL SERVICES - SUE						
SUE Mobilization/Demobilization	\$	5.50	50	\$ 27	5.00	This cost is intended to be a one-time expense compensation for mobilizing/demobilizing personnel and equipment portal to portal. Vacuum excavation truck (nor
						local)
SUE (Quality Level B - Utility Designation	\$	1.60	1320	\$ 2,11	2.00	Includes labor and equipment for designating, engineering, surveying, CADD, and mapping. 200 LF of QL B for each Test Hole.
SUE (QL A - Utility Locate, Test Holes)						
Level A: 0 to 4 ft	\$	1,100.00	3	+ - ,		
Level A: 4 to 8 ft	\$	1,350.00	2	\$ 2,70	0.00	Includes labor and equipment for vacuum excavation, engineering, surveying, CADD, and limited Traffic Control. These prices reflect that a QL B service has be
Level A: 8 to 12 ft	\$	1,650.00	1	\$ 1,65	0.00	provided.
Level A: 13 to 18 ft	\$	2,100.00	1	\$ 2,10	0.00	
Traffic Control	\$	10,000.00	1	\$ 10,00	0.00	
Total				\$ 22,13	7.00	
TOTAL DIRECT EXPENSES				\$ 22,47	6.50	
Total Lamb-Star Engineering, L.P. Fee				\$ 247,87	6.50	

EXHIBIT "C" - FEE SCHEDULE GORRONDONA & ASSOCIATES, INC. New Location Road

From Bridgefarmer Rd in Lowry Crossing, TX to CR 400 in	PROJECT	PROJECT	CERTIFIED	ANALYTICAL	AERIAL	ORTHOPHOTO	MAPPING	AERIAL	PROJECT	AERIAL	PROJECT	HELICOPTER	РНОТО	РНОТО	ADMIN/	TOTAL
Princeton, TX; From 2300 ft east of FM 982 to Baron Drive; At	MANAGER	COORD.	PHOTO-	TRIANGULATION	MAPPING	SPECIALIST	EDITOR	OFFICE	COORD.	PROCESSING	COORD.	LIDAR PROC.	LAB	PROC.		LABOR HRS.
Intersection with US 380	WANAGER						EDITOR								CLERICAL	
		AM	GRAMMETRIST	SPECIALIST	TECHNICIAN			TECHNICIAN	AP	TECHNICIAN	HAL	TECH	SPECIALIST	TECH.		& COSTS
SS3. Aerial Photography and LiDAR Acquisition -	<u> </u>															
Feasibility Study	25	35	25	40	55		20	2	2	2	20	66	2	2	8	304
Aerial Photographiy and LiDAR Acquisition	4	10	10	U	00		20	2	2	2	10	6		2	2	48
Image Processing	5	10	5	40									2	2	2	66
LiDAR Processing	8	10	5								10	60			2	95
LiDAR Classification and Point Reduction	8	5	5		55		20								2	95
HOURS SUB-TOTALS	25	35	25	40	55		20	2	2	2	20	66	2	2	8	304
CONTRACT RATE PER HOUR	\$ 160.00	\$ 139.00	\$ 116.00	\$ 92.00	\$ 86.00	\$ 86.00	\$ 86.00	\$ 71.00	\$ 128.00	\$ 92.00	\$ 128.00	\$ 98.00	\$ 68.00	\$ 71.00	\$ 68.00	
TOTAL LABOR COSTS	\$4,000.00	\$4,865.00	\$2,900.00	\$3,680.00	\$4,730.00	\$0.00	\$1,720.00	\$142.00	\$256.00	\$184.00	\$2,560.00	\$6,468.00	\$136.00	\$142.00	\$544.00	\$32,327.00
SUBTOTAL (Aerial Mapping)	\$4,000.00	\$4,865.00	\$2,900.00	\$3,680.00	\$4,730.00	\$0.00	\$1,720.00	\$142.00	\$256.00	\$184.00	\$2,560.00	\$6,468.00	\$136.00	\$142.00	\$544.00	\$32,327.00
SS3. Aerial Photography and LiDAR Acquisition -																
Design Schematic		16	7		220	25	65								4	337
Image Processing (Georeferenced Images only)		8	4			25									2	39
2D Plan (1"=200' scale planimetrics)		8	3		220		65								2	298
HOURS SUB-TOTALS		16	7		220	25	65								4	337
CONTRACT RATE PER HOUR	\$ 160.00	\$ 139.00	\$ 116.00	\$ 92.00	\$ 86.00	\$ 86.00	\$ 86.00	\$ 71.00	\$ 128.00	\$ 92.00	\$ 128.00	\$ 98.00	\$ 68.00	\$ 71.00	\$ 68.00	
TOTAL LABOR COSTS	\$0.00	\$2,224.00	\$812.00	\$0.00	\$18,920.00	\$2,150.00	\$5,590.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$272.00	\$29,968.00
SUBTOTAL (Aerial Mapping)	\$0.00	\$2,224.00	\$812.00	\$0.00	\$18,920.00	\$2,150.00	\$5,590.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$272.00	\$29,968.00
Direct Expenses		•			•	•	•		•			• •	•			
•		Number of														
Task Description	Per Item Rate	Items														
Mobilization for Helicopter Airborne LiDAR (Includes helicopter,																
Pilot, LiDAR Operator, fuel and transportation cost)	\$18,000.00	1														\$ 18,000.00
Helicopter Equipment LiDAR - Project Flight Miles (On project flight miles)	\$70.00	112														\$ 7,840.00
Helicopter Equipment LiDAR - Transit Miles (including turn,	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	112														φ 7,040.00
maneuver miles and local airport to project)	\$20.00	5														\$ 100.00
Aerial Photography - Airborne GPS/IMU Data																
collection/Processing	\$2,500.00	1												ļ		\$ 2,500.00
Aerial Photography - Project Flight Miles (On project flight	¢20.00															\$ 840.00
miles) Aerial Photography - Transit miles (including turn, maneuver	\$30.00	28														\$ 840.00
miles and local airport to project)	\$8.00	440														\$ 3,520.00
Photo Lab Service - Digital image processing	\$30.00	144														\$ 3,520.00 \$ 4,320.00
	φ30.00	,44												1		\$ 4,320.00
Direct Expenses Totals																\$ 37,120.00
																, .,
Total Gorrondona & Associates, Inc Fee																\$99,415.00
וונדפר שמות איז																φ 33, 415.00

EXHIBIT "C" - FEE SCHEDULE Terracon Consultants, Inc. New Location Road

From Bridgefarmer Rd in Lowry Crossing, TX to CR 400 in Princeton, TX; From 2300 ft east of FM 982 to Baron Drive; At Intersection with US 380	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	SENIOR ENGINEERING TECH	ADMIN / CLERICAL	TOTAL LABOR HRS. & COSTS
SS4. Geotechnical Investigation						
A. Field Investigation						
Collection of Existing Data and Training Requirements	1		4			5
Obtaining Permits	0.5		1	8		9.5
Borehole Layout, Traffic Control Plan, Stake Borings and Utility Clearance	0.5			8		8.5
Drilling Coordination and Logging				40		40
Meetings/Communication with County, Airport, USACE and State	2			6		8
B. Laboratory Investigation						
Review Samples, Field Logs & Assign Laboratory Testing			8			8
Boring Logs Preparation			2		4	6
Review of Wincore Logs	1		2			3
C. Geotechnical Report						
Pavement - PVR Calculations	2		14			16
Pavement - Depth of Coverage Recommendations	2		14			16
Pavement - Flexible and Rigid Sections Recommendations	2		14			16
Preparation of Draft PAVEMENT Geotechnical Report	2		9			11
Preparation of Final PAVEMENT Geotechnical Report	1		3		1	5
HOURS SUB-TOTALS	14	0	71	62	5	152
CONTRACT RATE PER HOUR	\$222.10		\$150.73	\$114.22	\$68.23	
SUBTOTAL - LABOR						\$21,234.02

EXHIBIT "C" - FEE SCHEDULE Terracon Consultants, Inc. New Location Road

Direct Expenses	UNIT	RATE	SS4		
Mileage	mile	\$0.580	540		\$313.20
Traffic Control Services, Arrow Boards and Attenuator trucks - Large Project (Includes labor, equipment and fuel)		\$2,900.00	3		\$8,700.00
Portable Message Board	day	\$500.00	10		\$5,000.00
Standard Penetration Test (SPT)	LF	\$30.00	20		\$600.00
Soil Boring/Rock Coring without TCP (< 60 ft.)	LF	\$29.00	150		\$4,350.00
Core/drill operator/technician and coring equipment used to drill flexable and rigid pavment (2-man crew)	Trip	\$380.00	4		\$1,520.00
(b) 6-in. diameter cores	Inch	\$8.00	96		\$768.00
Borehole Grouting - Bentonite Chips	LF	\$9.00	150		\$1,350.00
Daily Rig Mobilization/Demob Charges	day	\$150.00	4		\$600.00
Determining Moisture Content in Soil Materials	Each	\$11.50	30		\$345.00
Determining Liquid Limits of Soils	Each	\$36.00	30		\$1,080.00
Determining Plastic Limit of Soils	Each	\$36.00	30		\$1,080.00
Calculating the Plasticity Index of Soils	Each	\$15.00	30		\$450.00
Particle Size Analysis - Retained +40	Each	\$65.00	20		\$1,300.00
Determining Sulfate Content in Soils - Colorimetric Method	Each	\$75.00	20		\$1,500.00
SUBTOTAL Direct Expenses			\$ -	\$ -	\$28,956.20
SUBTOTAL - LABOR	\$21,234.02				
SUBTOTAL Direct Expenses	\$28,956.20				
Total Terracon Consultants, Inc. Fee	\$50,190.22				

EXHIBIT "C" - FEE SCHEDULE RDV Systems, Inc. New Location Road

SS5 - 3D Visualization Services

	Consultant Positions =>	Sr. Modeling Engineer	Modeling Engineer(s)	Delivery Manager	Modeling Project Manager	TO	DTAL
Task No.	Task Descriptions	Hours	Hours	Hours	Hours	Hours	Cost
SS5.A	Modeling of Existing Conditions (Feasibility Study)						
1-1	Data preparation, terrain modeling, integration of aerials, image clean-up	8	8	0	0	16	\$1,844.32
1-2	Simplified representation of existing highway and bridge structure	4	8	0	0	12	\$1,227.20
1-5	Simplified representation of existing buildings	0	4	0	0	4	\$305.04
1-6	Trees, foliage, street name labels, billboards	0	6	0	0	6	\$457.56
	SS5.A Total					38	\$3,834.12
COF D							
SS5.B 2-1	Initial Modeling of Alignment Alternatives (Feasibility Study) Simplified 3-D representation of roadway alternative 1	24	24	0	0	48	\$5,532.96
2-1	Simplified 3-D representation of roadway alternative 1	8	24 16	0	0	24	\$5,532.96
		-		-	-		
2-3	Simplified 3-D representation of roadway alternative 3	8	16 16	0	0	24 24	\$2,454.40
2-4	Simplified 3-D representation of roadway alternative 4 Simplified vehicle motion (4 alternatives)	8	16	0	0		\$2,454.40
2-5		2	10	0	0	18	\$1,528.72 \$14,424.88
	SS5.B Total					130	\$14,424.00
SS5.C	Modeling of Preferred Alternative (Design Schematic)						
3-1	Update of existing conditions	4	8	0	0	12	\$1,227.20
3-2	Detailed 3-D representation of selected roadway	16	24	0	0	40	\$4,298.72
3-3	Detailed 3-D representation of causeway and bridge structures	8	8	0	0	16	\$1,844.32
3-4	Simplified vehicle motion	1	4	0	0	5	\$459.32
	SS5.C Total					73	\$7,829.56
SS5.D	Other / Miscellaneous (Feasibility Study and Design Schematic)						
4-1	Project Management / Delivery Management - Phase 1	0	0	4	2	6	\$975.38
4-2	Predefined views, animations, view states, virtual tour - Phase 1	4	6	2	0	12	\$1,392.62
4-3	Video Development - Phase 1	0	0	12	0	12	\$1,907.64
4-4	Project Management / Delivery Management - Phase 2	0	0	4	2	6	\$975.38
4-5	Predefined views, animations, view states, virtual tour - Phase 2	1	4	2	0	7	\$777.26
4-6	Video Development - Phase 2	0	0	12	0	12	\$1,907.64
4-7	Training and utilization planning	0	0	2	0	2	\$317.94
	SS5.D Total					57	\$8,253.86
	TOTAL HOURS	96	168	38	4	306	
	FULLY LOADED BILLABLE HOURLY RATE	\$154.28	\$76.26	\$158.97	\$169.75		+
	DIRECT LABOR TOTAL	\$14,810.88		\$6,040.86	\$679.00		\$34,342.42
	Direct Expenses	Months	Rate	Cost			
	123BIM.com - initial setup	n/a	\$1,500.00	\$1,500.00			
	123BIM.com subscription (1st Year)	12	\$1,100.00	\$13,200.00			
	Total Software / Subscriptions			\$14,700.00			
			TOTAL ODEs	\$14,7	00.00		
	TOTAL LABOR \$34,342.42				42.42		
	Total RDV Systems, Inc. \$49,042.42				42.42		

EXHIBIT "C" - FEE SCHEDULE Public Information Associates **New Location Road**

From Bridgefarmer Rd in Lowry Crossing, TX to CR 400 in Princeton, TX; From 2300 ft east of FM 982 to Baron Drive; At Intersection	PI Specialist	PI	PI Admin	
with US 380	(Partner)	Coordinator	Support	Totals
Rate	\$155.00	\$109.00	\$54.00	
BASIC SERVICES				
TASK BS7 - PUBLIC/STAKEHOLDER INVOLVEMENT				
A. Public Involvement Plan	28		4	32
B. Public Involvement Management	60		20	80
C. Stakeholder Involvement	100		20	120
D. Public Meetings (2 Estimated)	100	10	20	130
TASK BS5 TOTALS (HOURS)	288	10	64	362
TASK BS5 TOTALS (COST)	\$44,640.00	\$1,090.00	\$3,456.00	\$49,186.00
Reimbursable Direct Expenses	Unit	Quantity	Rate	Total
Newspaper Advertisements (2) - For In Person Public Meetings Only	EA	2	\$8,000.00	\$16,000
Publicinput.com Fee	EA	1	\$7,200.00	\$7,200
Facebook and Twitter Ad Space - For Virtual Public Meetings Only	EA	6	\$300.00	\$1,800
Mileage	EA	750	\$0.58	\$435
Spanish Language Posting	EA	2	\$1,300.00	\$2,600
Postage - 500 Mailings	EA	2	\$250.00	\$500
Printing - 500 Mailings	EA	2	\$600.00	\$1,200
Comment Cards (English and Spanish)	EA	2	\$600.00	\$1,200
Signage and Registration Fees - For In Person Public Meetings Only	EA	2	\$500.00	\$1,000
Security - For In Person Public Meetings Only	EA	2	\$800.00	\$1,600
Venue Rental - For In Person Public Meetings Only	EA	2	\$1,200.00	\$2,400
Venue Cleaning Fee - For In Person Public Meetings Only	EA	2	\$400.00	\$800
Total Reimbursable Direct Expenses				\$36,735.00
Total Public Information Associates Fee				\$85,921.00