



THIS AGREEMENT ("Agreement"), made and entered into by and between BGE, Inc. (BGE) and the Client identified herein, provides for the Professional Services described under Item 3 of this Agreement.

CLIENT:	<u>City of Seguin</u>	CONTACT PERSON:	<u>Jennifer R. Shortess, P.E., CFM</u>
ADDRESS:	<u>108 E. Mountain Street</u>	OFFICE NUMBER:	<u>(830) 386-2239</u>
	<u>Seguin Texas 78155</u>	CELL NUMBER:	<u></u>
	<u></u>	EMAIL:	<u>jshortess@sequintexas.gov</u>

PROJECT NAME: Strempel St. / Martindale Roadway Improvements Additional Services to Extend Limits

1. THE AGREEMENT INCLUDES THE STANDARD TERMS AND CONDITIONS which are included in Attachment A. Client shall authorize and BGE shall commence its services on BGE's receipt of the properly executed and signed Agreement, as may be amended from time to time. If the Agreement is not executed by Client within thirty (30) days of the date tendered, it shall become invalid unless: (1) BGE extends the time in writing; or (2) at the sole option of BGE, BGE accepts Client's written or oral authorization to proceed with the services, in which event the terms of the authorization shall include all the terms of this Agreement. BGE's performance of the services, including Additional Services, under the written or oral authorization shall be in reliance on the inclusion of all the terms of this Agreement.

2. LOCATION & DESCRIPTION OF PROJECT SITE: (If additional pages are necessary, they are identified as Attachment B)

East Martindale Road from Almond Creek to 500 feet south of Almond Drive in Seguin, Texas.

3. SERVICES TO BE PROVIDED BY THE CITY

- a. Data for the project that City has available (i.e. environmental documents, correspondence, materials/previously conducted studies regarding proposed improvements, etc.) to the extent possible.
- b. Guidance for project
- c. Available existing right-of-way maps for the project
- d. Available as-built plans from utility companies existing within the project limits.
- e. Assist the Engineer, as necessary, in obtaining any required data and information from local, regional, state and federal agencies.
- f. Pay permit and application fees required by the permitting agencies.

4. SCOPE OF SERVICES TO BE PROVIDED BY BGE:

Extend the original project limits, which was SH 123 to Parkwood Drive, to Almond Creek to 500 feet south of Almond Drive.

a. UTILITY COORDINATION

1. Provide additional utility coordination for the extended project limits.
2. Provide water line design to connect the existing water lines on Strempel Road to the existing water lines on E. Martindale Drive.
 - a. The general alignment for the water line will follow the roadway alignment of Strempel Road.
 - b. Water main design will be per City of Seguin design criteria, utilizing City of Seguin standards and specifications.



b. FIELD SURVEYING

1. General

- a. Provide additional topographic survey from Almond Creek to 500 feet south of Almond Drive.

2. Parcels

- a. Provide survey plats and metes and bounds descriptions for the parcels needed for the right-of-way map include the location of the complete parcel boundary and deed research to confirm boundary of property. For the purposes of this proposal, it is presumed that there will be a total of 4 parcels for right of acquisition.

c. ROADWAY DESIGN CONTROLS

1. Preliminary Roadway Schematic.

- a. Include the extended limits from Almond Creek to 500 feet south of Almond Drive on the Roadway Schematic.

2. Roadway plans for 50% 100% Submittals shall be in accordance with City of Seguin Criteria.

- a. Extend the horizontal alignment for the extended project limits.
- b. Provide additional existing typical sections and CITY approved proposed typical sections for the extended project limits.
- c. The ENGINEER will develop additional plan and profile sheets for the extended project limits.
- d. The ENGINEER will develop intersection layouts at:
 - i. Twin Oak Road.
- e. The ENGINEER will develop cross sections for earthwork calculations.
- f. The ENGINEER will develop removal plans and miscellaneous roadway details.

d. DRAINAGE

1. Provide the existing and proposed drainage assessment and design for the extended project limits.

e. SIGNING, PAVEMENT MARKING, & SIGNAL

1. Provide Signing and Pavement Marking plans for the extended project limits.

f. MISCELLANEOUS ROADWAY

1. Provide Traffic Control Plans for the extended project limits.

Deliverables

1. ENGINEER will prepare and engineering schematic on a roll plot for use in stakeholder coordination.
2. ENGINEER will prepare detailed plans, specifications, and cost estimates for bidding and construction.
3. ENGINEER will prepare plans (11" x 17" or 24" x 36" with use of 1" = 20' or 1" = 40' instead) to include each of the work items listed above.
4. ENGINEER will provide plats and field notes for 4 parcels.

5. EXCLUDED AND/OR ADDITIONAL SERVICES: (If additional pages are necessary, they are identified as Attachment B)

The following services are excluded but may be provided as an additional service as requested.

1. Environmental documentation.
2. Public Involvement including public hearings and meetings with affected property owners.
3. Bid and Construction Phase services will be provided as an additional service.



4. Sanitary Sewer design will be provided as an additional service.
 - a. The ENGINEER will provide plans, specifications, and cost estimates for the design of sanitary sewer utility relocations in accordance with the CITY design standards and specifications.
5. Brush Clearing for geotechnical borings will be provided as an additional service.

6. THE COMPENSATION TO BE PAID BGE FOR PROVIDING THE REQUESTED SERVICES: (If additional pages are necessary, they are identified as Attachment B)

Professional Fees

The proposed fee for this project is Fifty-Six Thousand, Two Hundred Ninety Dollars and Eighteen Cents (\$56,290.18) in basic services. Exhibit 1 – Fee Schedule includes a detail of hours anticipated for the execution of the project.

Reimbursable Expenses are in addition to the Professional Fees. Reimbursable Expenses will be billed at 1.0 times their cost. Reimbursable Expenses include: N/A.

IN WITNESS WHEREOF, this Agreement is accepted on the date written below and subject to the terms and conditions set forth above and in Attachments.

BGE, Inc.

SIGNED: John C. Colquhoun

TYPED NAME: JOHN C. COLQUHOUN, P.E.

TITLE: DIRECTOR

DATE: MAY 30, 2024

CLIENT: City of Seguin

SIGNED: _____

TYPED NAME: _____

TITLE: _____

DATE: _____

EXHIBIT 1 - FEE SCHEDULE

PRIME PROVIDER NAME: BGE, Inc.
CITY OF SEGUIN
PROJECT NAME: Strempel St./Martindale Roadway Design

Additional Service Request No. 1 - Extended limits from Almond Crk to 500 feet south of Ambler Oak

BASIC SERVICES - SUMMARY						
FUNCTION CODE	BGE		RABA-KISTNER		TOTAL	
	HOURS	FEES	HOURS	FEES	HOURS	FEES
ROUTE & DESIGN STUDIES (FC 110)	0	\$0.00	0	\$0.00	0	\$0.00
RIGHT OF WAY DATA (FC 130)	126	\$21,817.08			126	\$21,817.08
DESIGN SURVEY (FC 150)	139	\$27,275.12			139	\$27,275.12
ROADWAY DESIGN CONTROLS (FC160)	33	\$ 5,055.33			33	\$5,055.33
DRAINAGE (FC161)	57	\$ 8,594.87			57	\$8,594.87
SIGNING, PVMT. MARKING, & SIGNAL (FC162)	13	\$ 1,909.25			13	\$1,909.25
MISCELLANEOUS (ROADWAY) (FC 163)	13	\$ 1,838.53			13	\$1,838.53
PROJECT MANAGEMENT	0	\$0.00			0	\$0.00
Other Direct Expenses		(\$10,200.00)		\$ -	0	(\$10,200.00)
TOTAL	381	\$ 56,290.18	0	\$ -	381	\$ 56,290.18

EXHIBIT 1-FEE SCHEDULE (BGE, INC.)

PRIME PROVIDER NAME: BGE, INC.
 Strempel St./Marindale Rd. Roadway Design

TASK DESCRIPTION	QC MANAGER	Sr. PROJECT MANAGER	SURVEY MANAGER RPLS	PROJECT ENGINEER	GRADUATE ENGINEER	SR. ENGINEERING TECH	Sr. CADD TECH	CADD TECH	SURVEY CREW	CLERICAL	TOTAL LABOR HRS. & COSTS	Subtotal	NO OF DWGS	LABOR HRS PER SHEET
Utility Coordination (FC 130)														
Utility Coordination		2				4					6	\$ 1,301.14	5	1.2
Utility Conflict Matrix						2					2	\$ 396.00	3	0.66666667
Water Line Design	10	14		48	20	6		20			118	\$ 20,119.94	4	29.5
HOURS SUB-TOTALS	10	16	0	48	20	12	0	20	0	0	128			
CONTRACT RATE PER HOUR	\$288.00	\$254.57	\$198.00	\$155.57	\$130.82	\$198.00	\$187.39	\$120.21	\$200.00	\$102.53				
TOTAL LABOR COSTS	\$2,880.00	\$4,073.12	\$0.00	\$7,467.36	\$2,616.40	\$2,376.00	\$0.00	\$2,404.20	\$17,400.00	\$0.00	\$21,817.08			
% DISTRIBUTION OF STAFFING	7.94%	12.70%	0.00%	38.10%	15.87%	9.52%	0.00%	15.87%	82.59%	0.00%				
SUBTOTAL (FC130)												\$21,817.08		

TASK DESCRIPTION	QC MANAGER	Sr. PROJECT MANAGER	SURVEY MANAGER RPLS	PROJECT ENGINEER	GRADUATE ENGINEER	SR. ENGINEERING TECH	Sr. CADD TECH	CADD TECH	SURVEY CREW	CLERICAL	TOTAL LABOR HRS. & COSTS	Subtotal	NO OF DWGS	LABOR HRS PER SHEET
DESIGN SURVEY (FC 150)														
Establish Additional Control Levels			2				10		15		27	\$ 5,269.90		
Topographic Survey - Addtl 10.25 Ac, One Call, MH/IN FL, WV Top Nut Elevs		1	4				35		72		112	\$ 22,005.22		
HOURS SUB-TOTALS	0	1	6	0	0	0	45	0	87	0	139			
CONTRACT RATE PER HOUR	\$288.00	\$254.57	\$198.00	\$155.57	\$130.82	\$198.00	\$187.39	\$120.21	\$200.00	\$102.53				
TOTAL LABOR COSTS	\$0.00	\$254.57	\$1,188.00	\$0.00	\$0.00	\$0.00	\$8,432.55	\$0.00	\$17,400.00	\$0.00	\$27,275.12			
% DISTRIBUTION OF STAFFING	0.00%	0.72%	4.32%	0.00%	0.00%	0.00%	32.37%	0.00%	62.59%	0.00%				
SUBTOTAL (FC150)												\$27,275.12		

TASK DESCRIPTION	QC MANAGER	Sr. PROJECT MANAGER	SURVEY MANAGER RPLS	PROJECT ENGINEER	GRADUATE ENGINEER	SR. ENGINEERING TECH	Sr. CADD TECH	CADD TECH	SURVEY CREW	CLERICAL	TOTAL LABOR HRS. & COSTS	Subtotal	NO OF DWGS	LABOR HRS PER SHEET
ROADWAY DESIGN CONTROLS (FC160)														
PROPOSED TYPICAL SECTIONS				1				3			4	\$ 516.20	1	4
EXISTING TYPICAL SECTIONS				1				1			2	\$ 275.78	1	2
ROADWAY PLAN AND PROFILE (SCALE: H 1"=100' V 1"=10')	4	1		2				16			23	\$ 3,641.07	3	8
ROADWAY GEOMETRY DESIGN				4							4	\$ 622.28		
HOURS SUB-TOTALS	4	1	0	8	0	0	0	20	0	0	33		5	
CONTRACT RATE PER HOUR	288	\$254.57	198	\$155.57	\$130.82	198	\$187.39	\$120.21	\$200	\$102.53				
TOTAL LABOR COSTS	\$1,152.00	\$254.57	\$0.00	\$1,244.56	\$0.00	\$0.00	\$0.00	\$2,404.20	\$0.00	\$0.00	\$5,055.33			
% DISTRIBUTION OF STAFFING	12.12%	3.03%	0.00%	24.24%	0.00%	0.00%	0.00%	60.61%	0.00%	0.00%				
SUBTOTAL (FC160)												\$ 5,055.33		

EXHIBIT 1-FEE SCHEDULE (BGE, INC.)

PRIME PROVIDER NAME: BGE, INC.

Strempe! St./Marindale Rd. Roadway Design

TASK DESCRIPTION	QC MANAGER	Sr. PROJECT MANAGER	SURVEY MANAGER RPLS	PROJECT ENGINEER	GRADUATE ENGINEER	SR ENGINEERING TECH	Sr. CADD TECH	CADD TECH	SURVEY CREW	CLERICAL	TOTAL LABOR HRS. & COSTS	Subtotal	NO OF DWGS	LABOR HRS PER SHEET
DRAINAGE (FC161)														
COMPUTE EXISTING PEAK FLOWS				6							6	\$ 933.42		
COMPUTE PROPOSED PEAK FLOWS				6							6	\$ 933.42		
DRAINAGE AREA MAPS								4			4	\$ 480.84		
STORM SEWER/Drainage Culvert COMPUTATIONS				4							4	\$ 622.28		
STORM SEWER DITCH PLAN AND PROFILES	2	1		12				4			19	\$ 3,173.25	3	6
DITCH CALCULATIONS TABLE				4				2			6	\$ 862.70		
STORM WATER POLLUTION PREVENTION PLAN (SW3P):														
STORM WATER POLLUTION PREVENTION PLAN				4				8			12	\$ 1,583.96	1	12
HOURS SUB-TOTALS	2	1	0	36	0	0	0	18	0	0	57		4	
CONTRACT RATE PER HOUR	\$288.00	\$254.57	\$198.00	\$155.57	\$130.82	\$198.00	\$187.39	\$120.21	\$200.00	\$102.53				
TOTAL LABOR COSTS	\$876.00	\$254.57	\$0.00	\$5,600.52	\$0.00	\$0.00	\$0.00	\$2,163.78	\$0.00	\$0.00	\$8,594.87			
% DISTRIBUTION OF STAFFING	3.51%	1.75%	0.00%	63.16%	0.00%	0.00%	0.00%	31.58%	0.00%	0.00%				
SUBTOTAL (FC 161)												\$ 8,594.87		

TASK DESCRIPTION	QC MANAGER	Sr. PROJECT MANAGER	SURVEY MANAGER RPLS	PROJECT ENGINEER	GRADUATE ENGINEER	SR ENGINEERING TECH	Sr. CADD TECH	CADD TECH	SURVEY CREW	CLERICAL	TOTAL LABOR HRS. & COSTS	Subtotal	NO OF DWGS	LABOR HRS PER SHEET
SIGNING, P.VMT. MARKING, & SIGNAL (FC162)														
SIGNING AND PAVEMENT MARKING LAYOUTS		1		6				6			13	\$ 1,909.25	1	13
HOURS SUB-TOTALS	0	1	0	6	0	0	0	6	0	0	13		1	
CONTRACT RATE PER HOUR	\$288.00	\$254.57	\$198.00	\$155.57	\$130.82	\$198.00	\$187.39	\$120.21	\$200.00	\$102.53				
TOTAL LABOR COSTS	\$0.00	\$254.57	\$0.00	\$933.42	\$0.00	\$0.00	\$0.00	\$721.26	\$0.00	\$0.00	\$1,909.25			
% DISTRIBUTION OF STAFFING	0.00%	7.69%	0.00%	46.15%	0.00%	0.00%	0.00%	46.15%	0.00%	0.00%				
SUBTOTAL (FC 162)												\$ 1,909.25		

TASK DESCRIPTION	QC MANAGER	Sr. PROJECT MANAGER	SURVEY MANAGER RPLS	PROJECT ENGINEER	GRADUATE ENGINEER	SR ENGINEERING TECH	Sr. CADD TECH	CADD TECH	SURVEY CREW	CLERICAL	TOTAL LABOR HRS. & COSTS	Subtotal	NO OF DWGS	LABOR HRS PER SHEET
MISCELLANEOUS (ROADWAY) (FC 163)														
TRAFFIC CONTROL PLAN, DETOURS & SEQUENCE OF CONSTRUCTION:														
OVERALL PHASING LAYOUT		1		2				4			7	\$ 1,046.55		
TCP, DETOURS AND SEQUENCE OF CONSTRUCTION				1				2			3	\$ 395.99		
ADVANCE SIGNING LAYOUTS											0	\$ -		
TCP DETAILS, TYPICAL SECTIONS				1				2			3	\$ 395.99		
TCP STANDARDS											0	\$ -		
HOURS SUB-TOTALS	0	1	0	4	0	0	0	8	0	0	13		0	
CONTRACT RATE PER HOUR	\$288.00	\$254.57	\$198.00	\$155.57	\$130.82	\$198.00	\$187.39	\$120.21	\$200.00	\$102.53				
TOTAL LABOR COSTS	\$0.00	\$254.57	\$0.00	\$622.28	\$0.00	\$0.00	\$0.00	\$961.68	\$0.00	\$0.00	\$1,838.53			
% DISTRIBUTION OF STAFFING	0.00%	7.69%	0.00%	30.77%	0.00%	0.00%	0.00%	61.54%	0.00%	0.00%				
SUBTOTAL (FC 163)												\$ 1,838.53		

EXHIBIT 1-FEE SCHEDULE (BGE, INC.)

PRIME PROVIDER NAME: BGE, INC.

Strempel St./Marindale Rd. Roadway Design

PROJECT TOTALS

	OC MANAGER	Sr. PROJECT MANAGER	SURVEY MANAGER RPLS	PROJECT ENGINEER	GRADUATE ENGINEER	SR ENGINEERING TECH	Sr. CADD TECH	CADD TECH	SURVEY CREW	CLERICAL	
TOTAL HOURS	16.00		6.00	102.00	20.00	12.00	45.00	72.00	87.00	-	381.00
CONTRACT RATE PER HOUR	\$ 288.00	\$ 254.57	\$ 198.00	\$ 155.57	\$ 130.82	\$ 198.00	\$ 187.39	\$ 120.21	\$ 200.00	\$ 102.53	
TOTAL LABOR COSTS	\$ 4,608.00	\$ 5,345.97	\$ 1,188.00	\$ 15,868.14	\$ 2,616.40	\$ 2,376.00	\$ 8,432.55	\$ 8,655.12	\$ 17,400.00	\$ -	\$66,490.18
% DISTRIBUTION OF STAFFING	6.9%	8.0%	1.8%	23.9%	3.9%	3.6%	12.7%	13.0%	26.2%	0.0%	100%

DESCRIPTION	TOTAL MH BY FC	TOTAL COSTS BY FC	% of Total
ROUTE AND DESIGN STUDIES (FC110)	0	\$0.00	0%
ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT (FC 120)	0	\$0.00	0%
Utility Coordination (FC 130)	126	\$ 21,817.08	33%
DESIGN SURVEY (FC 150)	139	\$ 27,275.12	41%
ROADWAY DESIGN CONTROLS (FC 160)	33	\$ 5,055.33	8%
DRAINAGE (FC 161)	57	\$ 8,594.87	13%
SIGNING, P.VMT. MARK. & SIGNALS (FC162)	13	\$ 1,909.25	3%
MISCELLANEOUS (ROADWAY) (FC 163)	13	\$ 1,838.53	3%
MANAGING CONTRACTED PER SERVICES & SURVEY CONTRACTS (FC 164)	0	\$ -	0%
BRIDGE DESIGN (FC 170)	0	\$ -	0%
BID AND CONSTRUCTION SERVICES (FC351)	0	\$ -	0%
SUBTOTAL LABOR EXPENSES	381	\$ 66,490.18	

OTHER DIRECT EXPENSES (COMPLETE IN ACCORDANCE WITH YOUR CONTRACT)	# OF UNITS	COST/UNIT
Plats and Field Notes	2	\$5,100.00 (\$10,200.00)
TDLR PROJECT REGISTRATION		\$250.00 \$0.00
TDLR PLAN REVIEW FEE		\$375.00 \$0.00
TDLR INSPECTION FEE		\$650.00 \$0.00
TDLR PRELIMINARY REVIEW FEE		\$145.00 \$0.00
TDLR SPECIAL INSPECTION FEE (\$/hr 1 Hr min)		\$215.00 \$0.00
SUBTOTAL DIRECT EXPENSES		(\$10,200.00)

SUMMARY	
TOTAL COSTS FOR PRIME ONLY	\$66,490.18
NON-SALARY (OTHER DIRECT EXPENSES) FOR PRIME ONLY	-\$10,200.00
GRAND TOTAL	\$56,290.18