



Professional Service Supplemental Agreement

THIS SUPPLEMENTAL AGREEMENT ("Agreement") No. 3, made and entered into by and between BGE, Inc. (BGE) and the Client identified herein, provides for the Professional Services described under in this Agreement.

CLIENT: <u>City of Seguin</u>	CONTACT PERSON: <u>Michael Sharp., CFM</u>
ADDRESS: <u>108 E. Mountain Street</u>	OFFICE NUMBER: <u>(830) 386-2239</u>
<u>Seguin Texas 78155</u>	CELL NUMBER: _____
_____	EMAIL: <u>msharp@seguintexas.gov</u>

PROJECT NAME: GLO Mays Creek Phase II Foundation Design

1. THIS SUPPLEMENTAL AGREEMENT INCLUDES THE STANDARD TERMS AND CONDITIONS which are included in the original agreement. 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:

Gudalupe River Drive culvert replacement just west of Sutherland Springs Road

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:

This is an amendment to the original contract to provide the additional services:

a. FOUNDATION DESIGN

1. The ENGINEER will design a deep foundation under the proposed span arch bridge. This design will be incorporated into the plans as an addendum.
 - a. The ENGINEER will coordinate with City (up to two meetings).
 - b. The ENGINEER will obtain new soil bores and update the geotechnical report to account for the foundation design.
 - c. The ENGINEER will, in continuation of the current design, utilize CONTECH to develop the foundation.
 - d. The ENGINEER will coordinate the foundation design with CONTECH.
 - e. The ENGINEER will summarize quantities from CONTECH for proposed deep foundation.
 - f. The ENGINEER will prepare a bridge submittal for review by the city and TxDOT.
 - g. The ENGINEER will coordinate the bridge review with TxDOT.



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- h. The ENGINEER will update plans, cost estimate, and bid documents for the addendum.
- i. The ENGINEER will provide survey crew to install ROW staking and monument restoration for the ROW line along Alta Vista and River Oak.
- 2. Assumptions include:
 - a. Field survey is required to verify the foundation location, bore hole location, and ROW.
 - b. No utilities survey is required.
 - c. Addendum includes updates to the plans based on questions received during bidding.

DELIVERABLES

- 1. The ENGINEER will prepare an addendum package for bidding purposes including plans, specifications, schedule and cost estimates for bidding and construction.
- 2. The ENGINEER will include the CONTECH design in the addendum package.
- 3. The ENGINEER will prepare an addendum to the original geotechnical report.
- 4. The ENGINEER will update the civcast bidding website.
- 5. The ENGINEER will install survey stakes and monuments along the ROW of Alta Vista and River Oak.

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. Brush Clearing for geotechnical borings will be provided as an additional service.

5. THE COMPENSATION TO BE PAID BGE FOR PROVIDING THE REQUESTED SERVICES:

Professional Fees

The proposed fee for this project is \$43,646.75 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.

CLIENT: City of Seguin

SIGNED: _____

SIGNED: _____

TYPED NAME: BEN ENGELHARDT, P.E.

TYPED NAME: STEVE PARKER

TITLE: SENIOR PROJECT MANAGER

TITLE: CITY MANAGER

DATE: DECEMBER XX, 2025

DATE: _____

EXHIBIT 1 - FEE SCHEDULE
Supplemental Agreement No. 3

PRIME PROVIDER NAME: BGE, Inc.

CLIENT: CITY OF SEGUIN

PROJECT NAME: GLO Mays Creek Phase II Foundation Design

	SUPPLEMENTAL SERVICES - SUMMARY					
	BGE		Corsair		TOTAL	
FUNCTION CODE	HOURS	FEES	HOURS	FEES	HOURS	FEES
ROUTE & DESIGN STUDIES (FC 110)					0	\$ -
ENVIRONMENTAL STUDIES & PUBLIC INVOLVEMENT (FC 120)					0	\$ -
RIGHT OF WAY DATA (FC 130)					0	\$ -
ROADWAY DESIGN CONTROLS (FC160)					0	\$ -
DRAINAGE (FC161)					0	\$ -
SIGNING, PVMT. MARKING, & SIGNAL (FC162)					0	\$ -
MISCELLANEOUS (ROADWAY) (FC 163)					0	\$ -
BRIDGE DESIGN (FC 170)	39	\$8,264.26	75	\$11,085.49	114	\$ 19,349.75
BID AND CONSTRUCTION SERVICES (FC 351)	12	\$ 2,396.00			12	\$ 2,396.00
					0	\$ -
Other Direct Expenses		\$2,970.00		\$4,643.00	0	\$ 7,613.00
UNIT COST				\$ 14,288.00	0	\$ 14,288.00
DESIGN SURVEY (FC 150)					0	\$ -
TOTAL	51	\$13,630.26	75	\$ 30,016.49	126	\$43,646.75

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PRIME PROVIDER NAME: BGE, Inc.

CLIENT: CITY OF SEGUIN

PROJECT NAME: GLO Mays Creek Phase II Foundation Design

TASK DESCRIPTION	QC MANAGER	Sr. PROJECT MANAGER	SURVEY MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	SR. DESIGN	SURVEY CREW	TOTAL LABOR HRS.
BRIDGE DESIGN (FC 170)								
COORDINATION WITH CITY								
COORDINATION WITH CONTECH		1						1
COORDINATION WITH TxDOT		4						4
REVISE SUMMARY SHEETS, GENERAL NOTES, ESTIMATE FOR ADDENDUM		1			1	1		3
UPDATE BID MANUAL FOR ADDENDUM	1	1			1	1		4
UPDATE SCHEDULE					1			
COORDINATION WITH CORSAIR		2						2
PREPARE BRIDGE SUBMITTAL FOR TXDOT		2			2			4
REVISE BRIDGE SUBMITTAL FOR TXDOT COMMENTS		1			1			2
FIELD SURVEY FOR ROW AND FOUNDATION VERIFICATION			4				14	
HOURS SUB-TOTALS	1	12	4		6	2	14	39
CONTRACT RATE PER HOUR	\$ 288.00	\$ 254.57	\$ 198.00	\$ 219.21	\$ 155.57	\$ 198.00	\$ 200.00	
TOTAL LABOR COSTS	\$288.00	\$3,054.84	\$792.00		\$933.42	\$396.00	\$2,800.00	\$8,264.26
SUBTOTAL (FC 170)								\$8,264.26

TASK DESCRIPTION	QC MANAGER	Sr. PROJECT MANAGER	SURVEY MANAGER RPLS	SENIOR PROJECT ENGINEER	PROJECT ENGINEER	SR. ENGINEERING TECH	SURVEY CREW	TOTAL LABOR HRS. & COSTS
BID AND CONSTRUCTION SERVICES (FC 351)								
Stake Alta Vista ROW @ 100 ft spacing			2				10	12
Reset Damaged Monuments								
HOURS SUB-TOTALS			2				10	12
CONTRACT RATE PER HOUR	\$288.00	\$254.57	\$198.00	\$219.21	\$155.57	\$198.00	\$200.00	
TOTAL LABOR COSTS			\$396.00				\$2,000.00	\$2,396.00
% DISTRIBUTION OF STAFFING			16.67%				83.33%	
SUBTOTAL (FC351)								\$2,396.00

PROJECT TOTALS	QC MANAGER	Sr. PROJECT MANAGER	SURVEY MANAGER RPLS	SENIOR PROJECT ENGINEER	PROJECT ENGINEER	SR. ENGINEERING TECH	SURVEY CREW	
TOTAL HOURS	1	12	6		6	2	24	51
CONTRACT RATE PER HOUR	\$ 288.00	\$ 254.57	\$ 198.00	\$ 219.21	\$ 155.57	\$ 198.00	\$ 200.00	
TOTAL LABOR COSTS	\$ 288.00	\$ 3,054.84	\$ 1,188.00	\$ -	\$ 933.42	\$ 396.00	\$ 4,800.00	\$10,660.26
% DISTRIBUTION OF STAFFING	2.7%	28.7%	11.1%		8.8%	3.7%	45.0%	100%

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PRIME PROVIDER NAME: BGE, Inc.
CLIENT: CITY OF SEGUIN
PROJECT NAME: GLO Mays Creek Phase II Foundation Design

DESCRIPTION	TOTAL MH BY FC	TOTAL COSTS BY FC	% of Total
ROUTE AND DESIGN STUDIES (FC110)			
ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT (FC 120)			
UTILITY COORDINATION (FC 130)			
DESIGN SURVEY (FC 150)			
ROADWAY DESIGN CONTROLS (FC 160)			
DRAINAGE (FC 161)			
SIGNING, PVMT. MARK., & SIGNALS (FC162)			
MISCELLANEOUS (ROADWAY) (FC 163)			
MANAGING CONTRACTED PER SERVICES & SURVEY CONTRACTS (FC 164)			
BRIDGE DESIGN (FC 170)	39	\$8,264.26	78%
BID AND CONSTRUCTION SERVICES (FC 351)	12	\$2,396.00	22%
SUBTOTAL LABOR EXPENSES	51	\$10,660.26	
OTHER DIRECT EXPENSES (COMPLETE IN ACCORDANCE WITH YOUR CONTRACT)	# OF UNITS	COST/UNIT	
Lodging/Hotel - Taxes and Fees		\$45.00	
Lodging/Hotel (Taxes/fees not included)		\$110.00	
Meals (Excluding alcohol & tips) (Overnight stay required)		\$63.00	
Mileage	200	\$0.67	\$134.00
Traffic Control Services, Arrow Boards and Attenuator trucks - Medium Project (Includes labor, equipment and fuel)		\$5,150.00	
Mobilization and Demobilization of Drilling Rig (per mile)		\$6.00	
Unconfined Compressive Strength (Soil)		\$82.00	
Determining Sulfate Content in Soils - Colorimetric Method		\$145.00	
Soil Boring/Rock Coring with TCP (< 60 ft.)		\$50.00	
Soil Boring/Rock Coring with TCP (> 60 ft.)		\$60.00	
Borehole Grouting - Bentonite Chips		\$13.00	
Determining of Moisture Content in Soils		\$35.00	
Determining Liquid Limit of Soils		\$57.00	
Determining Plastic Limit of Soils		\$55.00	
Calculating the Plasticity Index of Soils		\$55.00	
Particle Size Analysis of Soils		\$120.00	
TDLR Permit and RAS Inspection Phase 1	1	\$1,418.00	\$1,418.00
TDLR Permit and RAS Inspection Phase 2	1	\$1,418.00	\$1,418.00
SUBTOTAL DIRECT EXPENSES			\$2,970.00

SUMMARY	
TOTAL COSTS FOR PRIME ONLY	\$10,660.26
NON-SALARY (OTHER DIRECT EXPENSES) FOR PRIME ONLY	\$2,970.00
GRAND TOTAL	\$13,630.26

EXHIBIT 1 - FEE SCHEDULE
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EXHIBIT 1 - FEE SCHEDULE (Corsair)

PRIME PROVIDER NAME: BGE, Inc.

CLIENT: CITY OF SEGUIN

PROJECT NAME: GLO Mays Creek Phase II Foundation Design

TASK DESCRIPTION	SENIOR PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	FIELD ENGINEER	EIT	SENIOR ENGINEERING TECH	TOTAL LABOR HRS. & COSTS
ROUTE & DESIGN STUDIES (FC 110)							
Geotechnical Services							
Mark Soil Bore Locations/ Utility Call-ins			1			2	
Field Personnel During Drilling		1	1		20		
Sample Classification, Laboratory Coordination and Boring Log Generation		2	4		10		
Wall Analysis and Bridge Foundation Recommendations	1	3	6		12		
Prepare Geotechnical Memorandum for Bridge and Walls	1	2	3		6		
HOURS SUB-TOTALS	2	8	15	0	48	2	75
CONTRACT RATE PER HOUR	249.88	212.12	186.97	109.60	122.65	98.51	
TOTAL LABOR COSTS	\$499.76	\$1,696.96	\$2,804.55	\$0.00	\$5,887.20	\$197.02	\$11,085.49
% DISTRIBUTION OF STAFFING	4.5%	15.3%	25.3%	0.0%	53.1%	0.0%	
SUBTOTAL (FC 110)							\$11,085.49

Corsair - OTHER DIRECT EXPENSES					
Other Direct Expenses	Unit	Fixed Cost	Maximum Cost	Quantity	Total Cost
Lodging/Hotel - Taxes and Fees	day/person	Current State Rate	\$45.00	6	\$270.00
Lodging/Hotel (Taxes/fees not included)	day/person	Current State Rate	\$110.00	6	\$660.00
Meals (Excluding alcohol & tips) (Overnight stay required)	day/person	Current State Rate	\$63.00	6	\$378.00
Mileage	mile	Current State Rate	0.67	500	\$335.00
Traffic Control Services, Arrow Boards and Attenuator trucks - Medium Project (Includes labor, equipment and fuel)	day		\$5,150.00	0	\$0.00
Mobilization and Demobilization of Drilling Rig	per mile		\$6.00	500	\$3,000.00

assuming 2 days of drilling

TOTAL	\$4,643.00
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EXHIBIT 1 - FEE SCHEDULE (Corsair)

PRIME PROVIDER NAME: BGE, Inc.

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Corsair - UNIT COSTS					
Unit Costs					
Services To Be Provided	Test Code/Method	Unit	COST	QUANTITIES	TOTAL COST
Unconfined Compressive Strength (Soil)	ASTM D2166	each	\$82.00	4	\$ 328.00
Determining Sulfate Content in Soils - Colorimetric Method	Tex-145-E	each	\$145.00	2	\$ 290.00
Soil Boring/Rock Coring with TCP (< 60 ft.)	Tex-132-E	LF	\$50.00	120	\$ 6,000.00
Soil Boring/Rock Coring with TCP (> 60 ft.)	Tex-132-E	LF	\$60.00	30	\$ 1,800.00
Borehole Grouting - Bentonite Chips	N/A	LF	\$13.00	150	\$ 1,950.00
Determining of Moisture Content in Soils	TEX103-E	each	\$35.00	30	\$ 1,050.00
Determining Liquid Limit of Soils	TEX 104-E	each	\$57.00	10	\$ 570.00
Determining Plastic Limit of Soils	TEX 105-E	each	\$55.00	10	\$ 550.00
Calculating the Plasticity Index of Soils	TEX 106-E	each	\$55.00	10	\$ 550.00
Particle Size Analysis of Soils	TEX 110-E	each	\$120.00	10	\$ 1,200.00

Total	\$ 14,288.00
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SUMMARY	
TOTAL Labor COSTS	\$11,085.49
NON-SALARY (OTHER DIRECT EXPENSES)	\$4,643.00
NON-SALARY (OTHER UNIT COSTS) \$	14,288.00
GRAND TOTAL	\$30,016.49

PROPOSED BORINGS

2 @ 75'