



INVOICE

Fort Bend County
301 Jackson St.
4th Floor
Richmond, TX 77469

September 30, 2019
Project No: 00006974-00
Invoice No: 9-190732

Project 00006974-00 Voss Rd Intersections (Proj No. 17404 & 17413) for Fort Bend County 2017
Mobility Bond

Proj No. 17404 & 17413

Services current through September 30, 2019

Phase 0001 Lump Sum
Fee

Billing Phase	Fee Amount	% Comp To Date	Fee Earned	Previous Billed	Amount Due This Invoice
Utility Coordination	5,763.20	20.00	1,152.64	0.00	1,152.64
Preliminary Engineering Report (PER)	12,048.00	60.00	7,228.80	0.00	7,228.80
Roadway Design	43,772.80	30.00	13,131.84	0.00	13,131.84
Drainage Design/SWPPP	38,320.00	40.00	15,328.00	0.00	15,328.00
Signing, Pavement Marking, Signals & TCP	43,308.80	0.00	0.00	0.00	0.00
Design Submittals (70%, 95%, 100%)	18,403.20	0.00	0.00	0.00	0.00
Contract Admin	9,024.00	30.00	2,707.20	0.00	2,707.20
Survey & ROW Mapping	26,955.00	75.00	20,216.25	0.00	20,216.25
Direct Expense (BGE Engineering)	536.25	30.0009	160.88	0.00	160.88
Direct Expense (Abstractor)	4,500.00	75.00	3,375.00	0.00	3,375.00
Geotechnical	21,302.60	75.00	15,976.95	0.00	15,976.95
Total Fee	223,933.85		79,277.56	0.00	79,277.56
Total Fee					79,277.56
Total this Phase					\$79,277.56

Phase 0309 Bidding and Construction Assistance-HRLY		Current	Prior	To-Date
Billing Limits				
Total Billings		0.00	0.00	0.00
Limit				13,024.00
Remaining				13,024.00
Total this Phase				0.00
Total this Invoice				\$79,277.56

Acct: PR/TS/C

Progress Report No. 1

Project: Voss Road at Old Richmond Road and SH 6,
Mobility Bond Project Nos. 17404 and 17413, Precinct 4
PO No.: 178703
Period: 6/04/19 – 9/30/19
Prepared by: Jason Ellison, PE – BGE, Inc.

Preliminary Engineering

1. Prepared field surveys and ROW research for both intersections. Processed survey and produced survey DGNs and plots.
2. Subprovider prepared geotechnical field investigation, conducted laboratory testing, and produced draft geotechnical report and pavement recommendations.
3. Conducted a field investigation and prepared a photo log of both intersections.
4. Prepared concept alternatives for both intersections. Determined inventory of existing utilities, analyzed utility conflicts, developed a utility conflict matrix, and prepared utility exhibits.
5. Prepared a draft PER and exhibits for presentation to the County.
6. Met with the County on 9/26/19 to present PER exhibits and findings.

Final Design

1. Prepared preliminary roadway designs at both intersections for presentation on the alternative exhibits. Conducted various calculations to support design concepts. Investigated impacts of roadway footprint on existing drainage features and utilities.
2. Prepared preliminary drainage designs at both intersections. Investigated existing drainage systems, delineated drainage areas, computed runoff, and prepared an analysis of required detention volumes. Identified proposed drainage improvements. Prepared draft Drainage Letter Report and depicted findings on alternative exhibits for discussion with the County at the PER Meeting.

Contract Admin

1. Conducted a PER Review Meeting at County on 9/26/19.
2. Coordinated and managed survey field and office effort.
3. Coordinated and managed geotechnical field operations with subprovider.
4. Coordinated with LJA and managed contract.

Bid and Construction Phase Services

1. None

Invoice Summary

PO 178703
Voss Road at Old Richmond Road and SH 6,
Mobility Bond Project Nos. 17404 and 17413,
Precinct 4
Invoice Summary
October 10, 2019

	Contract Fee	% Complete	Fee Earned	Previously Invoiced	Amount this Invoice
Projects 4-04, 4-13					
LUMP SUM PAYMENT BASIS					
Preliminary Design (Engineering)					
Utility Coordination	\$5,763.20	20%	\$ 1,152.64	\$ -	\$ 1,152.64
Geotechnical Report (Geoscience Engineering & Testing, Inc.)	\$21,302.60	75%	\$ 15,976.95	\$ -	\$ 15,976.95
Preliminary Engineering Report (PER)	\$12,048.00	60%	\$ 7,228.80	\$ -	\$ 7,228.80
	\$39,113.80	62%	\$24,358.39		\$24,358.39
Preliminary Design (Survey & ROW Mapping)					
Survey & ROW Mapping	\$26,955.00	75%	\$ 20,216.25		\$ 20,216.25
Direct Expense (Abstractor)	\$4,500.00	75%	\$ 3,375.00	\$ -	\$ 3,375.00
	\$31,455.00	75%	\$23,591.25		\$23,591.25
Final Design					
Roadway Design	\$43,772.80	30%	\$ 13,131.84	\$ -	\$ 13,131.84
Drainage Design / SWPPP	\$38,320.00	40%	\$ 15,328.00	\$ -	\$ 15,328.00
Signing, Pavement Markings, Signals, TCP	\$43,308.80		\$ -	\$ -	\$ -
Design Submittals (70%, 95%, 100%)	\$18,403.20		\$ -	\$ -	\$ -
	\$143,804.80	20%	\$ 28,459.84	\$ -	\$ 28,459.84
Contract Administration					
Contract Admin	\$9,024.00	30%	\$ 2,707.20	\$ -	\$ 2,707.20
	\$9,024.00	30%	\$ 2,707.20	\$ -	\$ 2,707.20
TOTAL	\$223,397.60	35%	\$79,116.68		\$79,116.68
DIRECT EXPENSES	\$536.25	30%	\$ 160.88	\$ -	\$ 160.88
TOTAL DIRECT EXPENSES	\$536.25	30%	\$160.88		\$160.88
TOTAL (LUMP SUM PAYMENT BASIS)	\$223,933.85	35%	\$79,277.56		\$79,277.56
TIME AND MATERIALS PAYMENT BASIS					
Bid and Construction Phase Services	\$13,024.00		\$ -	\$ -	\$ -
TOTAL (TIME & MATERIALS PAYMENT BASIS)	\$13,024.00				
GRAND TOTAL	\$236,957.85	33%	\$79,277.56		\$79,277.56