



INVOICE

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

April 30, 2020
Project No: 00006974-00
Invoice No: 4-200605

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

Proj No. 17404 & 17413

Services current through April 30, 2020

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	50.00	2,881.60	1,152.64	1,728.96
Preliminary Engineering Report (PER)	12,048.00	80.00	9,638.40	8,433.60	1,204.80
Roadway Design	43,772.80	70.00	30,640.96	21,886.40	8,754.56
Drainage Design/SWPPP	38,320.00	70.00	26,824.00	19,160.00	7,664.00
Signing, Pavement Marking, Signals & TCP	43,308.80	20.00	8,661.76	0.00	8,661.76
Design Submittals (70%, 95%, 100%)	18,403.20	20.00	3,680.64	0.00	3,680.64
Contract Admin	9,024.00	59.00	5,324.16	3,609.60	1,714.56
Survey & ROW Mapping	26,955.00	75.00	20,216.25	20,216.25	0.00
Direct Expense (BGE Engineering)	536.25	59.0005	316.39	160.88	155.51
Direct Expense (Abstractor)	4,500.00	75.00	3,375.00	3,375.00	0.00
Geotechnical	21,302.60	100.00	21,302.60	21,302.60	0.00
Total Fee	223,933.85		132,861.76	99,296.97	33,564.79
Total Fee					33,564.79
Total this Phase					\$33,564.79

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				\$33,564.79

Acct: PR/TS/C
Email: ENGInvoices@fortbendcountytexas.gov; cc: rmcbride@lja.com; rbarnett@lja.com

RTM

Progress Report No. 3

Project: Voss Road at Old Richmond Road and SH 6,
Mobility Bond Project Nos. 17404 and 17413, Precinct 4
PO No.: 178703
Period: 12/1/2019 – 4/30/2020
Prepared by: Jason Ellison, PE – BGE, Inc.

Preliminary Engineering

1. Revised concept alternatives for both intersections based on comments at PER meeting.
2. Discussed improvements in City Park adjacent Old Richmond Rd. with County, City, and LJA. Developing ditch design and exhibit for presentation to the City.
3. Prepared a utility exhibit for Voss at SH 6.
4. Coordinated with utilities for Voss at SH 6 as well as utility coordinator at LJA.
5. Finalized drainage design and submitted DIS for both intersections.
6. Coordinated with FBC about traffic counts for Voss at Old Richmond Rd. Investigated options for supplemental counts.

Final Design

1. Revised drainage analysis for Voss at SH 6 based on changes to impervious cover.
2. Revised grading and drainage concepts in for Voss at Old Richmond Rd. based on changes to impervious cover to develop revised detention requirements.
3. Finalized drainage design for both intersections.
4. Prepared and submitted 70% Plans for Voss at SH 6.
5. Developing designs for Voss at Old Richmond Rd.

Contract Admin

1. Coordinated additional survey needs in City Park with surveyors.
2. Attended meeting at FBC to discuss revisions to both intersections and ROW needs at Voss and Old Richmond Rd.
3. Coordinated with LJA and managed contract.

Bid and Construction Phase Services

1. None

Invoice Detail

PO 178703
 Voss Road at Old Richmond Road and SH 6,
 Mobility Bond Project Nos. 17404 and 17413,
 Precinct 4
 Invoice Summary
 May 7, 2020

	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	50%	\$ 2,881.60	\$ 1,152.64	\$ 1,728.96
Geotechnical Report (Geoscience Engineering & Testing, Inc.)	\$21,302.60	100%	\$ 21,302.60	\$ 21,302.60	\$ -
Preliminary Engineering Report (PER)	\$12,048.00	80%	\$ 9,638.40	\$ 8,433.60	\$ 1,204.80
	\$39,113.80	86%	\$33,822.60	\$30,888.84	\$2,933.76
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	70%	\$ 30,640.96	\$ 21,886.40	\$ 8,754.56
Drainage Design / SWPPP	\$38,320.00	70%	\$ 26,824.00	\$ 19,160.00	\$ 7,664.00
Signing, Pavement Markings, Signals, TCP	\$43,308.80	20%	\$ 8,661.76	\$ -	\$ 8,661.76
Design Submittals (70%, 95%, 100%)	\$18,403.20	20%	\$ 3,680.64	\$ -	\$ 3,680.64
	\$143,804.80	49%	\$ 69,807.36	\$ 41,046.40	\$ 28,760.96
Contract Administration					
Contract Admin	\$9,024.00	59%	\$ 5,324.16	\$ 3,609.60	\$ 1,714.56
	\$9,024.00	59%	\$ 5,324.16	\$ 3,609.60	\$ 1,714.56
TOTAL	\$223,397.60	59%	\$132,545.37	\$99,136.09	\$33,409.28
DIRECT EXPENSES	\$536.25	59%	\$ 316.39	\$ 160.88	\$ 155.51
TOTAL DIRECT EXPENSES	\$536.25	50%	\$316.39	\$160.88	\$155.51
TOTAL (LUMP SUM PAYMENT BASIS)	\$223,933.85	59%	\$132,861.76	\$99,296.97	\$33,564.79
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	56%	\$132,861.76	\$99,296.97	\$33,564.79