

Edminster Hinshaw Russ & Associates Inc.

10555 Westoffice Drive
 Houston, TX 77042
 Phone: 713/784-4500 Fax: 713/784-4577

Invoice

Invoice: **49786**

September 13, 2011

To: County of Fort Bend
 D. Jesse Hegemier/Jason Vaughn
 Engineering Department
 1124-52 Blume Road
 Rosenberg, TX 77471

Phase 1

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Project: 091-069-00 00 Harlem Road and Madden Road/West Belfort Road

Project Manager: Edward G. Gamel, P.E. *EGG*
 Bill Group Manager: Edward G. Gamel, P.E.
 Professional Services for the Period: 10/25/2010 to 8/21/2011

PO 42992
REC 11/11/11

Traffic Signal Design


Professional engineering services rendered in connection with the design for traffic signal including, but not limited to traffic signal controller ("Naztec" type controller), traffic and pedestrian heads, pedestrian push buttons, actuated, "vidids" cameras, span wires, signal support poles, supporting structures, signage and striping are plan layouts and details for wheelchair ramps, signal pole foundation design. Services for this period includes final plan and cost estimate revisions and transmittal.

Phase	Phase Fee	% Complete	Fee Earned	Prior Billing	Current Fee
1. a. Basic Engineering	\$0.00	NIC	\$0.00	\$0.00	\$0.00
1. b. Base Plan Preparation & Deliverables	\$4,190.00	100.00	\$4,190.00	\$4,190.00	\$0.00
1. c. Utility Documentation & Deliverables	\$2,180.00	100.00	\$2,180.00	\$2,180.00	\$0.00
1. d. Preliminary Plan & Deliverables	\$8,045.00	100.00	\$8,045.00	\$8,045.00	\$0.00
1. e. Utility Coordination	\$1,240.00	100.00	\$1,240.00	\$1,116.00	\$124.00
1. f. Final Plan & Deliverables	\$4,160.00	100.00	\$4,160.00	\$3,328.00	\$832.00
1. g. Contract Phase	\$1,020.00	100.00	\$1,020.00	\$765.00	\$255.00
1. h. Construction Phase	\$1,630.00	0.00	\$0.00	\$0.00	\$0.00
1. i. Mileage (0.55/Mile)	\$165.00	100.00	\$165.00	\$165.00	\$0.00
1. j. Photocopies (8.5 X 11, 0.10 each)	\$30.00	100.00	\$30.00	\$30.00	\$0.00
1. k. Photocopies (11 X 17, 0.40 each)	\$200.00	100.00	\$200.00	\$200.00	\$0.00
2. a. Additional Engineering Services	\$0.00	NIC	\$0.00	\$0.00	\$0.00
2. b. Traffic Control Plan	\$3,030.00	100.00	\$3,030.00	\$3,030.00	\$0.00
2. c. Changes Drawing / Specs	\$1,215.00	100.00	\$1,215.00	\$1,093.50	\$121.50
2. d. Copy of ACAD Drawing & Signal Layout	\$200.00	100.00	\$200.00	\$200.00	\$0.00
3. a. Basic Surveying	\$0.00	NIC	\$0.00	\$0.00	\$0.00
3. b. Establish GPS Horiz & Vert. Control	\$2,235.00	100.00	\$2,235.00	\$2,235.00	\$0.00
3. c. Utility Research	\$0.00	NIC	\$0.00	\$0.00	\$0.00
3. d. Determine Street ROW Lines	\$3,090.00	100.00	\$3,090.00	\$3,090.00	\$0.00
3. e. Locate Improvements, Utilities, Trees	\$1,142.50	100.00	\$1,142.50	\$1,142.50	\$0.00
3. f. Obtain Street Cross Sections	\$1,047.50	100.00	\$1,047.50	\$1,047.50	\$0.00

3. g. Prepare As-Built Conditions Map	\$1,185.00	100.00	\$1,185.00	\$1,185.00	\$0.00
3. h. GPS Equipment (\$300.00 / Day)	\$0.00	NIC	\$0.00	\$0.00	\$0.00
3. i. Land Title Abstracting	\$0.00	NIC	\$0.00	\$0.00	\$0.00
3. j. Reproduction, Plotting, Parking	\$10.00	100.00	\$10.00	\$10.00	\$0.00
3. k. Deliveries (\$40.00 / each)	<u>\$0.00</u>	NIC	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
Totals:	\$36,015.00		\$34,385.00	\$33,052.50	\$1,332.50

Phase Billing Total: **\$1,332.50**

***** Total Project Invoice Amount**


\$1,332.50

Terms: Due Upon Receipt