

**L & G Consulting Engineers Inc**  
**2100 W. Expressway 83**  
**Mercedes, TX 78570**  
**(956) 565-9813 Fax (956) 565-9018**

**INVOICE #: 11326984**  
**INVOICE DATE: 05/31/18**

**BILL TO: 34**

Hidalgo County Pct. #1  
 902 Joe Stephens  
 Weslaco, TX 78596

**JOB: 171101**

Mile 6 Project - WA#1  
 From (Mile 9 to Mile 11)  
 PO#764347

<u>DESCRIPTION</u>	<u>CONTRACT</u>	<u>PREVIOUS APPLICATIONS</u>	<u>CURRENT COMPLETED</u>	<u>TOTAL COMPLETED</u>	<u>% COMPL</u>	<u>BALANCE TO FINISH</u>
Engineering services for the month of May 2018.						
12006-Re-Evaluate EA	15,000.00	4,500.00		4,500.00	30.0	10,500.00
15006-Field Surveys	29,930.00	21,287.50	4,153.00	25,440.50	85.0	4,489.50
15060-Field Srvy/SUB	30,820.00	28,271.00		28,271.00	91.7	2,549.00
15070-Sub-Surface En	12,500.00	4,000.00		4,000.00	32.0	8,500.00
16004-PS&E Developm	359,296.00	283,843.84	10,778.88	294,622.72	82.0	64,673.28
16006-Plans to TxDot	66,000.00	6,600.00		6,600.00	10.0	59,400.00
16250-Signal Desgin	36,000.00	3,600.00	16,037.52	19,637.52	54.5	16,362.48
16260-Tem. Sgnl Dsgn	18,000.00	1,800.00		1,800.00	10.0	16,200.00
16308-Permitted Utili	108,000.00	70,200.00	5,400.00	75,600.00	70.0	32,400.00
60001-ROW Admin Aqu	395,760.00	336,396.00		336,396.00	85.0	59,364.00
60002-Title Services	40,800.00	40,800.00		40,800.00	100.0	
60003-Appraisal Srv	53,000.00	53,000.00		53,000.00	100.0	
60004-Appraisal Revi	50,500.00	50,500.00		50,500.00	100.0	
60005-Parcel Negotia	272,000.00	200,000.00	12,000.00	212,000.00	77.9	60,000.00
60006-Closing Servic	13,600.00	2,400.00	600.00	3,000.00	22.1	10,600.00
60030- Aprsl Srv/SUB	15,000.00	15,000.00		15,000.00	100.0	
60040-Aprsl Rvw/SUB	3,900.00	3,900.00		3,900.00	100.0	
60100-Compensable Ut	94,500.00	50,085.00	3,780.00	53,865.00	57.0	40,635.00
<b>TOTALS:</b>	<b>1,614,606.00</b>	<b>1,176,183.34</b>	<b>52,749.40</b>	<b>1,228,932.74</b>	<b>76.1</b>	<b>385,673.26</b>

ORIGINAL CONTRACT SUM \$ 1,614,606.00  
 CHANGE BY CHANGE ORDER \$ 0.00  
 CONTRACT SUM TO DATE \$ 1,614,606.00  
 TOTAL COMPLETED TO DATE \$ 1,228,932.74  
 LESS PREVIOUS INVOICES \$ 1,176,183.34

  
 PROJECT MANAGER'S SIGNATURE

CURRENT PAYMENT DUE \$ 52,749.40

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***ERGONOMIC TRANSPORTATION SOLUTIONS, INC.***

*5300 Hollister Rd., Suite 220*

*Houston, Texas 77040*

*Tel. (713) 956-9601*

*Fax: (713) 956-9667*

May 31, 2018

Mr. Jacinto Garza, P.E.,  
Project Manager  
L & G Engineering  
2100 W. Expressway 83  
Mercedes, Texas 78570

Reference: Invoice no. 2017-5-2 for Mile 6 West Road (from Mile 9 to Mile 11) Traffic Signal Design; Work Authorization No 26

Dear Jacinto:

Attached for your handling is invoice no. 2017-5-2, for services provided in conjunction with the above referenced project. It reflects our effort from May 1, 2018 to May 31, 2018.

Also, attached is a progress report for the project.

Please let me know if you need additional information. Thank you for giving us the opportunity to assist you with this project.

Sincerely,



Harry C. Simeonidis, P.E.

Attachments

**ERGONOMIC TRANSPORTATION SOLUTIONS, INC.**

**INVOICE**

5300 Hollister Road, Suite 220  
 Houston, Texas 77040  
 Tel. (713) 956-9601  
 Fax (713) 956-9667  
 TAX ID: 76-0583436

INVOICE NUMBER: 2017-5-2  
 INVOICE DATE: 05/31/2018  
 FOR SERVICES PROVIDED FROM: 05/01/2018  
 TO: 05/31/2018

**TO:**  
 Mr. Jacinto Garza, P.E.  
 President  
 L & G Engineering  
 2100 W. Expressway 83  
 Mercedes, Texas 78570

PROJECT NAME: WA #26  
 MILE 6 WEST ROAD  
 FROM MILE 9 TO MILE 11  
 TRAFFIC SIGNAL DESIGN

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMOUNT INVOICED TO DATE	PREVIOUSLY INVOICED AMOUNT	AMOUNT DUE THIS INVOICE
INVOICE SUMMARY	PERMANENT TRAFFIC SIGNAL DESIGN	54.55%	\$36,000.00	\$19,637.52	\$3,600.00	\$16,037.52
	TEMPORARY TRAFFIC SIGNAL DESIGN	10.00%	\$18,000.00	\$1,800.00	\$1,800.00	\$0.00
	<b>TOTAL DUE</b>	<b>39.70%</b>	<b>\$54,000.00</b>	<b>\$21,437.52</b>	<b>\$5,400.00</b>	<b>\$16,037.52</b>

TOTAL DUE THIS INVOICE: \_\_\_\_\_ **\$16,037.52**

SHEET 1 OF 2

**PLEASE MAKE CHECKS PAYABLE TO:**  
 Ergonomic Transportation Solutions, Inc.  
 Attn: Harry Simeonidis  
 P.O. Box 926333  
 Houston, TX 77292-6333

**THANK YOU FOR GIVING US THE OPPORTUNITY TO SERVE YOU**

**ERGONOMIC TRANSPORTATION SOLUTIONS, INC.**

**INVOICE**

5300 Hollister Road, Suite 220  
 Houston, Texas 77040  
 Tel. (713) 956-9601  
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 President  
 L & G Engineering  
 2100 W. Expressway 83  
 Mercedes, Texas 78570

PROJECT NAME: WA #26  
 MILE 6 WEST ROAD  
 FROM MILE 9 TO MILE 11  
 TRAFFIC SIGNAL DESIGN

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMNT INVOICED
1	GENERAL NOTES	20.00	\$987.80	\$197.56
2	BASIS OF ESTIMATE	50.00	\$2,225.69	\$1,112.85
3	CONDITION DIAGRAM	80.00	\$6,847.12	\$5,477.70
4	PROPOSED SIGNAL LAYOUTS	50.00	\$10,268.36	\$5,134.18
5	SIGNAL PHASING, TIMING	50.00	\$2,395.75	\$1,197.88
6	ELECTRICAL SCHEDULES	50.00	\$5,307.10	\$2,653.55
7	INTERSECTION MARKINGS, CURB CHAIR RAMPS	70.00	\$2,110.65	\$1,477.46
8	STANDARD SHEETS LIST	50.00	\$1,540.59	\$770.30
9	SPECIFICATIONS	50.00	\$2,280.70	\$1,140.35
10	COORDINATION AND MEETINGS	30.00	\$1,360.46	\$408.14
11	TEMPORARY TRAFFIC SIGNALS	10.00	\$18,000.00	\$1,800.00
	<u>EXPENSES</u>	10.00	675.78	\$67.58
	SUBTOTAL	39.70%	\$54,000.00	\$21,437.52

MILE 6 WEST ROAD: FROM MILE 9 TO MILE 11; WA NO 26  
TRAFFIC SIGNAL DESIGN  
PROGRESS REPORT AS OF MAY 31, 2018

ETSI's work progress this period can be summarized as follows:

**SIGNAL DESIGN**

**TASK 1 – General Notes (20% Complete)**

- Work in progress

**TASK 2 – Basis of Estimate (50% Complete)**

- Work in progress

**TASK 3 – Condition Diagram (80% Complete)**

- Work in progress

**TASK 4 – Proposed Signal Layouts (50% Complete)**

- Work in progress

**TASK 5 – Signal Phasing and Timing (50% Complete)**

- Work in progress

**TASK 6 – Electrical Schedules (50% Complete)**

- Work in progress

**TASK 7 – Intersection Signing, Pavement Markings and Curb Ramps (70% Complete)**

- Work in progress

**TASK 8 – Standard Sheets List (50% complete)**

- Work in progress

**TASK 9 – Specifications (50% Complete)**

- Work in progress

**TASK 10 – Coordination and Meetings (30% complete)**

- Continue coordination with L&G

**TASK 11 – Temporary Traffic Signals (10% Complete)**

- Work in progress

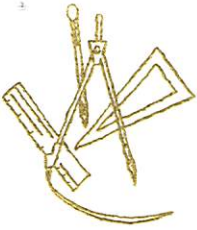
**PENDING ISSUES:**

- No Pending issues

EXHIBIT "C"  
 WORK SCHEDULE  
 Mile 6 Project  
 From (Mile 9 to Mile 11)

TASK AND DESCRIPTION	FIRM	2017										2018									
		MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
<b><u>WORK AUTHORIZATION NO. 1</u></b>																					
<b><u>PHASE II &amp; III: ROW MAP, PS&amp;E, ROW ACQ.</u></b>																					
<b>from Mile 9 to Mile 11</b>																					
Re-Evaluation of the EA to include Outfalls in Project Construction	L&G																				
Field Surveys for Design and Construction of ROADWAY	L&G																				
Field Surveys for Design and Construction of OUTFALLS	L&G																				
PS&E Development Roadway	L&G																				
Sub-Surface Utility Engineering (SUE)	L&G																				
Permanent Signal Designs (Mile 9, Mile 10 and Mile 11)	L&G																				
Temporary Signal Designs during Construction	L&G																				
Permitted Utilities Coordination to Adjust	L&G																				
Right-of-Way Acquisition Services	L&G																				
Compensable Utility Management for Acquisition of Property Rights	L&G																				

 L&G Engineering Tasks



June 1, 2018

Hon. David Fuentes  
Hidalgo County Commissioner, Pct. #1  
Attn: Amy Saenz Smith / David Suarez  
1902 Joe Stevens  
Weslaco, TX 78596

**RE: Mile 6 Project – WA#1**  
**Limits: Mile 9 to Mile 11**  
**PO#764347 - L&G Project#171101**

Dear Commissioner Fuentes:

We are submitting a monthly progress report in sufficient detail to support the progress of the work and in support of a request for payment. Attached for your approval is our invoice for services rendered during the month of May 2018.

The following is attached:

- L & G's Invoice (and sub consultant invoice, if applicable)
- Exhibit C – Work Schedule

**Work Authorization#1**

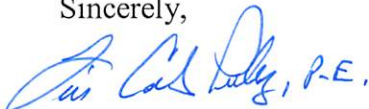
		<b>% Complete</b>
<b>FC 12006 ~ Re-EVALUATION OF THE EA TO INCLUDE OUTFALLS IN PROJECT CONSTRUCTION</b>		
No change from prior invoice.	<b>L&amp;G</b>	<b>30%</b>
<b>FC 15006 ~ FIELD SURVEYS FOR DESIGN AND CONSTRUCTION &amp; SUB-SURFACE UTILITY ENGINEERING</b>		
L&G has received 92% of field survey from sub and has incorporated into design.	<b>L&amp;G</b>	<b>85%</b>
<b>FC 15060 ~ FIELD SURVEYS FOR DESIGN AND CONSTRUCTION/SUB</b>		
No change from prior invoice.	<b>ROWSS</b>	<b>91.7%</b>
<b>FC 15070 ~ SUB-SURFACE UTILITY ENGINEERING/SUB</b>		
No change from prior invoice.	<b>ROWSS</b>	<b>32%</b>

<b>FC 16004 ~ PS&amp;E DEVELOPMENT ROADWAY</b>		
<ul style="list-style-type: none"> <li>○ <b>Roadway Design</b> Plan &amp; Profile sheets are 80% complete as well as Utilities and Drainage sheets. Final design pending survey information north of Mile 11.</li> <li>○ <b>Intersections</b> Have determined preliminary profiles and drainage along Mile 10 and Mile 11 intersections.</li> <li>○ <b>Striping Details</b> Striping sheets have been developed and are at 90%.</li> </ul>	<b>L&amp;G</b>	<b>82%</b>
<b>FC 16006 ~ PLANS SUBMITTED TO TxDOT</b>		
<b>No change from prior invoice.</b>	<b>L&amp;G</b>	<b>10%</b>
<b>FC 16250 ~ PERMANENT SIGNAL DESIGNS (MILE 9, MILE 10, AND MILE 11)</b>		
<p>ETSI (Sub) has performed the following to date:</p> <ul style="list-style-type: none"> <li>• 20% - General Notes</li> <li>• 80% - Condition Diagram</li> <li>• 50% - Signal Layouts, phasing and timing &amp; electrical schedules</li> </ul>	<b>ETSI</b>	<b>54.55%</b>
<b>FC 16260 ~ TEMPORARY SIGNAL DESIGNS DURING CONSTRUCTION</b>		
<b>No change from prior invoice.</b>	<b>ETSI</b>	<b>10%</b>
<b>FC 16308 ~ PERMITTED UTILITIES COORDINATION</b>		
Contact has been made to all utility companies. L&G continues to monitor ROW acquisition developments in order to prioritize adjustment of utilities.	<b>L&amp;G</b>	<b>70%</b>
<b>FC 60001 ~ ROW ACQUISITION ADMINISTRATION</b>		
<p><b>NO UPDATE:</b></p> <ul style="list-style-type: none"> <li>○ Informational letters have been mailed out to all property owners.</li> <li>○ Initial Offers have been now been mailed for 50 parcel owners.</li> <li>○ Contact is now being made with property owners regarding offers.</li> <li>○ Negotiations with property owners continue and working with them to clear title.</li> <li>○ Closing requests continue to be submitted to Sierra Title.</li> <li>○ L&amp;G has now successfully acquired 15 parcels. Property owners have now been paid and deeds have been recorded.</li> <li>○ L&amp;G staff continues coordination with Pct #1 on project updates.</li> </ul>	<b>L&amp;G</b>	<b>85%</b>

<b>FC 60002 ~ TITLE SERVICES</b>		
This task is now complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 60003 ~ APPRAISAL SERVICES</b>		
L&G Engineering is now in receipt of all appraisal reports. This task is now complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 60004 ~ APPRAISAL REVIEW</b>		
L&G Engineering is now in receipt of all review reports. This task is now complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 60005 ~ PARCEL NEGOTIATION</b>		
To date, L&G has sent 53 initial offers to property owners. Seventeen parcels are pending due to NAWSC easements and offers will be mailed in accordance with Work Authorization No.2. L&G ROW staff continues meeting with property owners to discuss offers made and Right of Way procedure so that parcels can be acquired for the County. Closings at Sierra Title continue and are ongoing with property owners.	<b>L&amp;G</b>	<b>77.9%</b>
<b>FC 60006 ~ CLOSING SERVICES</b>		
L&G continues with acquiring parcels with payment to property owners. We have successfully paid and recorded deeds for 15 parcels.	<b>L&amp;G</b>	<b>22.1%</b>
<b>FC 60030 ~ APPRAISAL SERVICES / SUB</b>		
Professional Appraisal Services has finalized inspections on the remaining 6 parcels. L&G is now in receipt of all appraisal reports. This task is now complete.	<b>PAS</b>	<b>100%</b>
<b>FC 60040 ~ APPRAISAL REVIEW / SUB</b>		
HLH Appraisal Services has now completed all review reports. This task is now complete.	<b>HLH</b>	<b>100%</b>
<b>FC 60100 ~ COMPENSABLE UTILITY MANAGEMENT</b>		
L&G is coordinating the development of the Determination of Upper Limits package with NAWSC. TxDOT has approved the use of the standard Lump Sum Utility Agreement with the county for this project.	<b>L&amp;G</b>	<b>57%</b>

Should you have any questions or require additional information, please do not hesitate to give me a call at (956) 585-1909.

Sincerely,



Carlos Peralez, P.E.  
Project Manager