

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

**INVOICE #: 11326438**  
**INVOICE DATE: 07/31/17**

**BILL TO: 84**

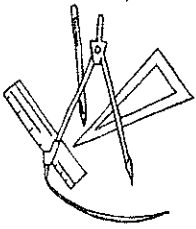
Hidalgo County Pct #4  
c/o Commission Joseph Palacios  
1051 N. Doolittle Rd.  
Edinburg, TX 78541

**JOB: 120902**

10th Street Extension Project  
WA#2 PO#700265  
C-12-126-10-16

<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>
<b>Engineering services for the month of July 2017.</b>						
15001-Field Survey	45,001.00	45,001.00		45,001.00	100.0	
15010-Field Srvy/Sub	80,000.00	80,000.00		80,000.00	100.0	
16001-Rdwy Dsgn	799,217.00	783,232.66	15,984.34	799,217.00	100.0	
16002-Rdwy Dsgn-Outf	48,000.00	47,040.00	960.00	48,000.00	100.0	
16205-Sign,Marki,Dsg	59,721.00	58,526.58	1,194.42	59,721.00	100.0	
16250-Sigl Dsgn-Sub	60,281.00	58,724.75	1,556.25	60,281.00	100.0	
16308-Permted Utilit	95,000.00	93,100.00	1,900.00	95,000.00	100.0	
<b>TOTALS:</b>	<b>1,187,220.00</b>	<b>1,165,624.99</b>	<b>21,595.01</b>	<b>1,187,220.00</b>	<b>100.0</b>	<b>0.00</b>
<b>Supplemental #1 to Work Authorization #2</b>						
16205-Signal Design	5,001.00	4,900.98	100.02	5,001.00	100.0	
16250-Signal Dsgn/SU	24,977.60	23,728.72	1,248.88	24,977.60	100.0	
<b>Supplemental #2 to Work Authorization #2</b>						
60000-ROW Aquisition	380,800.00	380,800.00		380,800.00	100.0	
60100-Title Services	38,400.00	38,400.00		38,400.00	100.0	
60200-Appraisal Serv	32,000.00	32,000.00		32,000.00	100.0	
60210-Appraisal Srv	144,000.00	144,000.00		144,000.00	100.0	
60300-Appraisal Rvw	22,400.00	22,400.00		22,400.00	100.0	
60310-Apprsal Rvw/SUB	28,800.00	28,800.00		28,800.00	100.0	
60400-Parcel Negtion	224,000.00	220,500.00		220,500.00	98.4	3,500.00
60500-Clng Srvs Fee	12,800.00	7,600.00	4,200.00	11,800.00	92.2	1,000.00
<b>Supplemental #3 to Work Authorization #2</b>						
60101-Comp Utlty Mgm	135,000.00	128,250.00		128,250.00	95.0	6,750.00
<b>Supplemental #4 to Work Authorization #2</b>						
12006-Asbestos Abate	10,066.94		1,006.69	1,006.69	10.0	9,060.25
12050-Abatement	6,870.00		970.00	970.00	14.1	5,900.00
12060-Asbestos Abate	27,940.00				0.0	27,940.00
13002-ROW Map	5,018.88	5,018.88		5,018.88	100.0	
13020-ROW Map	3,189.00	3,189.00		3,189.00	100.0	
15007-Sub-Surface En	5,018.88	5,018.88		5,018.88	100.0	
15070-Sub-Surface En	19,752.00	17,942.00	1,810.00	19,752.00	100.0	
15008-Dsgn Chnge Cal	40,085.14	40,085.14		40,085.14	100.0	
<b>TOTALS:</b>	<b>2,353,339.44</b>	<b>2,268,258.59</b>	<b>30,930.60</b>	<b>2,299,189.19</b>	<b>100.0</b>	<b>54,150.25</b>

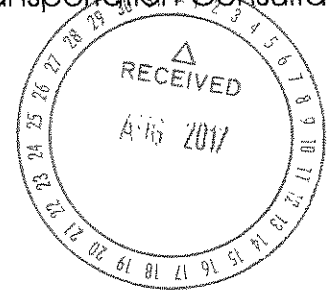




# L&G Engineering

Transportation Consultants

August 1, 2017



Commissioner Joseph Palacios  
 Hidalgo County Precinct 4  
 1051 N. Doolittle Rd  
 Edinburg, TX 78542

**RE: 10<sup>th</sup> Street Extension - Work Authorization No. 2 - Limits: SH 107 to FM 1925  
 PO#700265 - L&G Project#120902**

Dear Commissioner Palacios:

We have submitted the 100% PS&E package along with the bid documents to TxDOT. The remaining 5 parcels to be acquired for this project are currently going through the condemnation process. Attached for your approval is our invoice for services rendered for the month of July 2017.

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

The following is a narrative for the progress report for this work authorization.

### Work Authorization#2

FC 15001 – FIELD SURVEYS		% Complete
NO UPDATE: This task is complete.	L&G	100%
FC 15010 – FIELD SURVEYS - SUB		
NO UPDATE: This task is complete.	DLS	100%
FC 16001 – ROADWAY DESIGN		
UPDATED: The 100% PS&E package along with bid documents have been submitted to TxDOT. This task is complete.	L&G	100% ✓
FC 16002 – ROADWAY DESIGN – OUTFALL		
UPDATED: The 100% PS&E package along with bid documents have been submitted to TxDOT. This task is complete.	L&G	100% ✓
FC 16205 – SIGNAL DESIGN		
UPDATED: The 100% PS&E package along with bid documents have been submitted to TxDOT. This task is complete.	L&G	100% ✓
FC 16250 – SIGNAL DESIGN – SUB		
UPDATED: The 100% PS&E package along with bid documents have been submitted to TxDOT. This task is complete.	ETSI	100% ✓
FC 16308 – PERMITTED UTILITIES		
UPDATED: The 100% PS&E package along with bid documents have been submitted to TxDOT. This task is complete..	L&G	100% ✓

Supplemental #1 to Work Authorization #2

<b>FC 16205 – SIGNAL DESIGN</b>		<b>% Complete</b>
<b>UPDATED:</b> The 100% PS&E package along with bid documents have been submitted to TxDOT. This task is complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 16250 – SIGNAL DESIGN/SUB</b>		
<b>UPDATED:</b> The 100% PS&E package along with bid documents have been submitted to TxDOT. This task is complete.	<b>ETSI</b>	<b>100%</b>

Supplemental #2 to Work Authorization #2

<b>FC 60000 – ROW ACQUISITION ADMINISTRATION</b>		<b>% Complete</b>
<b>NO UPDATE:</b> This task is complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 60100 – TITLE SERVICES</b>		
<b>NO UPDATE:</b> This task is complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 60200 – APPRAISAL SERVICES</b>		
<b>NO UPDATE:</b> This task is complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 60210 – APPRAISAL SERVICES / SUB</b>		
<b>NO UPDATE:</b> This task is complete.	<b>Leonel</b>	<b>100%</b>
<b>FC 60300 – APPRAISAL REVIEW</b>		
<b>NO UPDATE:</b> This task is complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 60310 – APPRAISAL REVIEW / SUB</b>		
<b>NO UPDATE:</b> This task is complete.	<b>HLH</b>	<b>100%</b>
<b>FC 60400 – PARCEL NEGOTIATION</b>		
<b>NO UPDATE:</b> L&G Engineering has acquired a signed deed for the following parcels 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17 pts 1&2, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 31, 32, 34, 35, 36, 37, 38, 39, 40, 41, 43, 45, 48, 49, 50, 52, 53 pts 1&2, 54, 55, 56, 57, 58, 59, 61 and 62.	<b>L&amp;G</b>	<b>98.4%</b>
<b>FC 60500 – CLOSING SERVICES FEE</b>		
<b>UPDATED:</b> L&G has now made payment and deeds have been recorded for the following parcels 25, 39, 40, 41, 43, 44, 45, 46, 48, 49, 50, 52, 53 pts. 1&2, 54, 55, 56, 57, 58, 59, 61 and 62.	<b>L&amp;G</b>	<b>92.2%</b>

Supplemental #3 to Work Authorization #2

<b>FC 60101 – COMPENSABLE UTILITY MANAGEMENT</b>		<b>% Complete</b>
<b>NO UPDATE:</b> L&G is finalizing the coordination with the City of Edinburg and they are in the process of final design.	<b>L&amp;G</b>	<b>95%</b>

Supplemental #4 to Work Authorization #2

<b>FC 12006 – ASBESTOS ABATEMENT</b>		<b>% Complete</b>
<b>UPDATED:</b> L&G has ensured property entry and coordinated with the sub to obtain samples. L&G continues to coordinate with the sub to initiate the state notification paperwork and abatement.	<b>L&amp;G</b>	<b>10%</b>
<b>FC 12050 – ABATEMENT / SUB</b>		
<b>UPDATED:</b> The sub collected asbestos and lead-based paint samples and submitted them for laboratory testing. The presence of asbestos has been confirmed. No lead-based paint is present. The sub is preparing the state required notification paperwork for abatement.	<b>AAMECC</b>	<b>14.1%</b>
<b>FC 12060 – ABESTOS ABATEMENT / SUB</b>		
<b>NO UPDATE:</b> We have recently closed on the parcels where the asbestos abatement needs to occur. This work shall be done this month.	<b>AAMECC</b>	<b>0%</b>
<b>FC 13002 – ROW MAP</b>		
<b>NO UPDATE:</b> This task is complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 13020 – ROW MAP / SUB</b>		
<b>NO UPDATE:</b> This task is complete.	<b>ROWSS</b>	<b>100%</b>
<b>FC 15007 – SUB-SURFACE UTILITY ENGINEERING</b>		
<b>NO UPDATE:</b> This task is complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 15070 – SUB-SURFACE UTILITY ENGINEERING</b>		
<b>UPDATED:</b> Task is complete.	<b>ROWSS</b>	<b>100%</b>
<b>FC 15008 – DESIGN CHANGES TO ADDRESS CALPINE UTILITY LINE</b>		
<b>NO UPDATE:</b> This task is complete.	<b>L&amp;G</b>	<b>100%</b>

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

Sincerely,



Robert Macheska, P.E., CFM  
Project Manager

AAMECC LLC  
1327 E. Washington Ave. #242  
Harlingen, TX 78550  
(956) 535-3876  
joe@aamecc.com

Job #: 120902

Ordered By: CAA

Approved By: CAA for Vg

# INVOICE

**BILL TO**

Corina Argullin  
L&G Engineering  
2100 W Expressway 83  
Mercedes, TX 78570

INVOICE # 2489

DATE 07/17/2017

DUE DATE 07/17/2017

TERMS Due on receipt

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ACTIVITY	QTY	RATE	AMOUNT
Asbestos and LBP Consulting Tasks 1.0 to 3.0, Guard Shack and Block Wall, Intersection of FM107 and Las Alamedas Rd	1	970.00	970.00
		BALANCE DUE	<b>\$970.00</b>

# R. O. W. SURVEYING SERVICES, L.L.C.

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July 31, 2017

Jacinto Garza, President/CEO  
L & G Engineering  
**Attn: Robert Macheska, P.E.**  
2100 W. Expressway 83  
Mercedes, Texas 78570

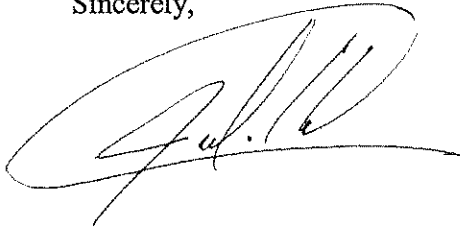
**RE: Invoice #R17-088**  
**10<sup>th</sup> Street Expansion Project**  
**Work Authorization #28**  
**Limits: From Schunior Road to FM 1925 Road**

Dear Mr. Garza:

Attached for your approval is our invoice for services rendered for the month of July, 2017. Additional attachments have a progress report and project Schedule C.

Thank you for your business. Should you have any questions or require additional information, please do not hesitate to give me a call at (956) 424-3335.

Sincerely,



Julio Cerda, P.E.  
President/CEO

# R. O. W. SURVEYING SERVICES, L.L.C.

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## Progress Report as of July 31, 2017:

### **PHASE I -- FC130 RECOVERY AND VERIFY EXISTING CONTROL**

- **A. *Primary Project Control***  
Complete. Recovered and verified DOS control.
- **B. *Secondary Project Control***  
Complete. No secondary control points set, used DOS secondary control.
- **C. *Abstract/Research 12 Parcels***  
No Activities.

### **PHASE II -- FC150 CONSTRUCTION STAKING AND SUBSURFACE UTILITY ENGINEERING (S.U.E.)**

- **A. *Utilities***  
Complete. Files have been delivered to project manager.
- **B. *Right of Way Staking***  
Complete. Recovered points along existing right of way and verified the County has purchased parcels.

### **PHASE III -- FINAL REPORTS AND DELIVERABLES**

- **A. *CADD file (2D & 3D) for limits of Project***  
Complete. Files have been delivered to project manager.
- **B. *Final Report and Deliverables***  
Complete. Files have been delivered to project manager.

### **PROJECT MANAGEMENT AND OVERSIGHT**

- **A. *Meeting & Coordination with Engineers***  
Complete. Met with project manager to discuss the Calpine locates and encroachments along existing 10<sup>th</sup> street right of way.
- **B. *QC/QA Survey***  
Complete. Project checked and delivered for quality assurance.

# R. O. W. Surveying Services, L.L.C.

900 S. Stewart Road, Suite 13  
Mission, TX 78572  
TBPLS Reg. # 10193886  
956-424-3335

## INVOICE

INVOICE NUMBER : R17-088  
Date: July 31, 2017  
Our Order No.: R17025

**BILL TO:**  
Jacinto Garza, P.E.  
L & G Engineering  
Attn: Robert Macheska, P.E.  
2100 W. Expressway 83  
Mercedes, Texas 78570

RE: 10th Street Expansion Project-FNC 130/150 (Work Authorization No. 28)  
Limits: From: Schunior Road To: FM 1925 Road

Task and Description	Contract Amount	Invoice to Date	Paid to Date	Current Amount Due	Contract Balance	AMOUNT
<b>Phase 1: Function Code 130 - Recover and Verify Existing Controls</b>						
<b>A. Primary Project Control</b>						
1. Recover Primary Control	\$879.00	\$879.00	\$0.00	\$0.00	\$0.00	100.00%
<b>B. Secondary Project Control</b>						
1. Set Additional Secondary Control Points as Needed	\$784.00	\$784.00	\$0.00	\$0.00	\$0.00	100.00%
2. Horizontal Values Established with RTK or VRS	\$784.00	\$784.00	\$0.00	\$0.00	\$0.00	100.00%
<b>C. Abstract/Research 12 Parcels</b>	\$742.00	\$742.00	\$0.00	\$0.00	\$0.00	100.00%
<b>Grand Total (FC 130):</b>	<b>\$3,189.00</b>	<b>\$3,189.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>100.00%</b>
<b>Phase 2: Function Code 150 - Construction Staking and Subsurface Utility Engineering (S.U.E.)</b>						
<b>A. Utilities</b>	\$12,500.00	\$12,500.00	\$0.00	\$0.00	\$0.00	100.00%
<b>B. Right of Way Staking</b>						
1. Right of Way Staking	\$3,946.00	\$3,946.00	\$0.00	\$986.00	\$0.00	100.00%
<b>Phase 2 Sub-Total (FC 150):</b>	<b>\$16,446.00</b>	<b>\$16,446.00</b>	<b>\$0.00</b>	<b>\$986.00</b>	<b>\$0.00</b>	<b>100.00%</b>
<b>Phase 3: Final Report &amp; Deliverables</b>						
A. CADD file (2D & 3D) for limits of project	\$659.00	\$659.00	\$0.00	\$164.00	\$0.00	100.00%
B. Final Report and Deliverables	\$659.00	\$659.00	\$0.00	\$164.00	\$0.00	100.00%
<b>Phase 3 Sub-Total (FC 150):</b>	<b>\$1,318.00</b>	<b>\$1,318.00</b>	<b>\$0.00</b>	<b>\$328.00</b>	<b>\$0.00</b>	<b>100.00%</b>
<b>Project Management and Oversight</b>						
A. Meeting and Coordination w/ Engineers	\$994.00	\$994.00	\$0.00	\$248.00	\$0.00	100.00%
B. QC/QA Survey	\$994.00	\$994.00	\$0.00	\$248.00	\$0.00	100.00%
<b>Project Management &amp; Oversight Sub-Total (FC 150):</b>	<b>\$1,988.00</b>	<b>\$1,988.00</b>	<b>\$0.00</b>	<b>\$496.00</b>	<b>\$0.00</b>	<b>100.00%</b>
<b>Grand Total (FC 150):</b>	<b>\$19,752.00</b>	<b>\$19,752.00</b>	<b>\$0.00</b>	<b>\$1,810.00</b>	<b>\$0.00</b>	<b>100.00%</b>
<b>GRAND TOTAL FOR FC 130 &amp; FC 150:</b>	<b>\$22,941.00</b>	<b>\$22,941.00</b>	<b>\$0.00</b>		<b>\$0.00</b>	<b>100.0000%</b>
				<b>TOTAL DUE:</b>	<b>\$1,810.00</b>	

DIRECT ALL INQUIRIES TO:  
JULIO CERDA, P.E.  
(956)451-2670  
email: julio@southtexasig.com

MAKE ALL CHECKS PAYABLE TO:  
R. O. W. Surveying Services, L.L.C.  
Attn: JULIO CERDA, P.E.  
900 S. Stewart Road, Suite #13  
Mission, Texas 78572

THANK YOU FOR YOUR BUSINESS!

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

*5300 Hollister Rd., Suite 220*

*Houston, Texas 77040*

*Tel. (713) 956-9601*

*Fax: (713) 956-9667*

July 31, 2017

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

Reference: Invoice no. 2013-10-3 – 10th Street: From SH 107 to FM 1925: Additional Traffic Signal Design Services for Schunior, Russell and Rogers intersections

Dear Jacinto:

Attached for your handling is invoice no. 2013-10-3, for services provided in conjunction with the above referenced project. It reflects our effort from October 1, 2015 to July 31, 2017.

Also, attached is a progress report for the project.

Please let me know if you need additional information. Thank you for 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: 2013-10-3  
 INVOICE DATE: 07/31/2017  
 FOR SERVICES PROVIDED FROM: 10/01/2015  
 TO: 07/31/2017

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

**PROJECT NAME:**  
 10th STREET:  
 FROM SH 107 TO FM 1925  
ADDITIONAL SIGNAL DESIGN SERVICES FOR  
SCHUNIOR, RUSSELL AND ROGERS INTERSECTIONS

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMOUNT INVOICED TO DATE	PREVIOUSLY INVOICED AMOUNT	AMOUNT DUE THIS INVOICE
INVOICE SUMMARY	CATEGORY A - TRAFFIC SIGNAL DESIGN	100.00%	\$24,977.60	\$24,977.60	\$23,728.72	\$1,248.88
	TOTAL DUE	100.00%	\$24,977.60	\$24,977.60	\$23,728.72	\$1,248.88

TOTAL DUE THIS INVOICE: \_\_\_\_\_ **\$1,248.88**

**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  
 Fax (713) 956-9667  
 TAX ID: 76-0583436

INVOICE NUMBER: 2013-10-3  
 INVOICE DATE: 07/31/2017  
 FOR SERVICES PROVIDED FROM: 10/01/2015  
 TO: 07/31/2017

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

PROJECT NAME: WA #6  
 10th STREET:  
 FROM SH 107 TO FM 1925  
 ADDITIONAL SIGNAL DESIGN SERVICES FOR  
 SCHUNIOR, RUSSELL AND ROGERS INTERSECTIONS

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMNT INVOICED
	<b>ADDITIONAL TRAFFIC SIGNAL DESIGN</b>			
1	GENERAL NOTES	100.00	\$334.22	\$334.22
2	BASIS OF ESTIMATE	100.00	\$1,763.60	\$1,763.60
3	CONDITION DIAGRAM	100.00	\$2,620.42	\$2,620.42
4	PROPOSED SIGNAL LAYOUTS	100.00	\$9,919.40	\$9,919.40
5	SIGNAL PHASING, TIMING	100.00	\$1,116.05	\$1,116.05
6	ELECTRICAL SCHEDULES	100.00	\$3,264.60	\$3,264.60
7	INTERSECTION MARKINGS, CURB CHAIR RAMPS	100.00	\$1,763.60	\$1,763.60
8	STANDARD SHEETS LIST	100.00	\$453.58	\$453.58
9	SPECIFICATIONS	100.00	\$1,832.24	\$1,832.24
10	COORDINATION AND MEETINGS	100.00	\$1,324.94	\$1,324.94
	<u>EXPENSES</u>	100.00	584.95	\$584.95
	<b>SUBTOTAL</b>	<b>100.00%</b>	<b>\$24,977.60</b>	<b>\$24,977.60</b>

**10TH STREET: FROM SH 107 TO FM 1925**  
**ADDITIONAL TRAFFIC SIGNAL DESIGN SERVICES**  
**FOR SCHUNIOR, RUSSELL AND ROGERS INTERSECTIONS**  
**PROGRESS REPORT AS OF JULY 31, 2017**

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

**SIGNAL DESIGN**

**TASK 1 – General Notes (100% Complete)**

- Completed

**TASK 2 – Basis of Estimate (100% Complete)**

- Completed

**TASK 3 – Condition Diagrams (100% Complete)**

- Completed

**TASK 4 – Proposed Signal Layouts (100% Complete)**

- Completed

**TASK 5 – Signal Phasing and Timing (100% Complete)**

- Completed

**TASK 6 – Electrical Schedules (100% Complete)**

- Completed

**TASK 7 – Intersection Signing, Pavement Markings and Curb Ramps (100% Complete)**

- Completed

**TASK 8 – Standard Sheets List (100% complete)**

- Completed

**TASK 9 – Specifications (100% Complete)**

- Completed

**TASK 10 – Coordination and Meetings (100% complete)**

- Maintain coordination with L&G

**PENDING ISSUES:**

None

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

*5300 Hollister Rd., Suite 220*

*Houston, Texas 77040*

*Tel. (713) 956-9601*

*Fax: (713) 956-9667*

July 31, 2017

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

Reference: Invoice no. 2013-9-6 – 10th Street: From SH 107 to FM 1925: Traffic Signal Design and Warrant Studies

Dear Jacinto:

Attached for your handling is invoice no. 2013-9-6, for services provided in conjunction with the above referenced project. It reflects our effort from October 1, 2017 to July 31, 2017.

Also, attached is a progress report for the project.

Please let me know if you need additional information. Thank you for 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: 2013-9-6  
 INVOICE DATE: 07/31/2017  
 FOR SERVICES PROVIDED FROM: 10/01/2015  
 TO: 07/31/2017

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

**PROJECT NAME:**  
 10th STREET:  
 FROM SH 107 TO FM 1925  
 SIGNAL WARRANTS, SIGNAL DESIGN

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMOUNT INVOICED TO DATE	PREVIOUSLY INVOICED AMOUNT	AMOUNT DUE THIS INVOICE
INVOICE SUMMARY	CATEGORY A - TRAFFIC SIGNAL DESIGN	100.00%	\$31,125.00	\$31,125.00	\$29,568.75	\$1,556.25
	CATEGORY B - TRAFFIC SIGNAL WARRANTS	100.00%	\$29,156.00	\$29,156.00	\$29,156.00	\$0.00
	TOTAL DUE	100.00%	\$60,281.00	\$60,281.00	\$58,724.75	\$1,556.25

TOTAL DUE THIS INVOICE: \_\_\_\_\_ **\$1,556.25**

SHEET 1 OF 3

**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  
 Fax (713) 956-9667  
 TAX ID: 76-0583436

INVOICE NUMBER: 2013-9-6  
 INVOICE DATE: 07/31/2017  
 FOR SERVICES PROVIDED FROM: 10/01/2015  
 TO: 07/31/2017

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

PROJECT NAME: WA #6  
 10th STREET:  
 FROM SH 107 TO FM 1925  
 SIGNAL WARRANTS, SIGNAL DESIGN

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMNT INVOICED
<u>CATEGORY A - TRAFFIC SIGNAL DESIGN</u>				
A.1	GENERAL NOTES	100.00	\$334.22	\$334.22
A.2	BASIS OF ESTIMATE	100.00	\$1,763.60	\$1,763.60
A.3	CONDITION DIAGRAM	100.00	\$2,620.44	\$2,620.44
A.4	PROPOSED SIGNAL LAYOUTS	100.00	\$9,919.46	\$9,919.46
A.5	SIGNAL PHASING, TIMING	100.00	\$1,116.05	\$1,116.05
A.6	ELECTRICAL SCHEDULES	100.00	\$3,264.64	\$3,264.64
A.7	INTERSECTION MARKINGS, CURB CHAIR RAMPS	100.00	\$1,763.60	\$1,763.60
A.8	STANDARD SHEETS LIST	100.00	\$453.58	\$453.58
A.9	SPECIFICATIONS	100.00	\$1,832.24	\$1,832.24
A.10	COORDINATION AND MEETINGS	100.00	\$1,324.94	\$1,324.94
A.11	TEMPORARY TRAFFIC SIGNALS	100.00	\$6,147.28	\$6,147.28
	<u>EXPENSES</u>	100.00	584.95	\$584.95
	SUBTOTAL	100.00%	\$31,125.00	\$31,125.00

**ERGONOMIC TRANSPORTATION SOLUTIONS, INC.**

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**TO:**  
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 President  
 L & G Engineering  
 2100 W. Expressway 83  
 Mercedes, Texas 78570

PROJECT NAME: WA #€  
 10th STREET:  
 FROM SH 107 TO FM 1925  
 SIGNAL WARRANTS, SIGNAL DESIGN

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMNT INVOICED
	<u>CATEGORY B - TRAFFIC SIGNAL WARRANTS STUDIES</u>			
B.1	FIELD INVESTIGATION - DATA COLLECTION'	100.00	\$1,169.82	\$1,169.82
B.2	ASSESSMENT OF DATA	100.00	\$1,856.12	\$1,856.12
B.3	ACCIDENT ANALYSIS	100.00	\$1,611.42	\$1,611.42
B.4	COLLISION DIAGRAMS	100.00	\$1,969.52	\$1,969.52
B.5	EXHIBITS	100.00	\$3,431.78	\$3,431.78
B.6	WARRANT ANALYSIS	100.00	\$3,885.60	\$3,885.60
B.7	PHOTO ALBUM	100.00	\$1,050.48	\$1,050.48
B.8	RECOMMENDATIONS	100.00	\$1,136.94	\$1,136.94
B.9	WARRANT STUDY REPORT	100.00	\$4,529.86	\$4,529.86
	<u>EXPENSES (COLLECT TRAFFIC COUNTS)</u>	100.00	8,000.00	\$8,000.00
	<u>EXPENSES (PRINTS, TRAVEL, DELIVERIES)</u>	100.00	514.46	\$514.46
	SUBTOTAL	100.00%	\$29,156.00	\$29,156.00

10TH STREET: FROM SH 107 TO FM 1925  
TRAFFIC SIGNAL WARRANT STUDIES  
PROGRESS REPORT AS OF JULY 31, 2017

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

**CATEGORY A – SIGNAL DESIGN**

**TASK A.1 – General Notes (100% Complete)**

- Completed

**TASK A.2 – Basis of Estimate (100% Complete)**

- Completed

**TASK A.3 – Condition Diagram (100% Complete)**

- Completed

**TASK A.4 – Proposed Signal Layouts (100% Complete)**

- Completed

**TASK A.5 – Signal Phasing and Timing (100% Complete)**

- Completed

**TASK A.6 – Electrical Schedules (100% Complete)**

- Completed

**TASK A.7 – Intersection Signing, Pavement Markings and Curb Ramps (100% Complete)**

- Completed

**TASK A.8 – Standard Sheets List (100% complete)**

- Completed

**TASK A.9 – Specifications (100% Complete)**

- Completed

**TASK A.10 – Coordination and Meetings (100% complete)**

- Maintain coordination with L&G

**TASK A.11 – Temporary Traffic Signals (100% Complete)**

- Completed

**PENDING ISSUES FOR CATEGORY A:**

None

## **CATEGORY B – TRAFFIC SIGNAL WARRANT STUDIES**

### **TASK B.1 – Field Investigation and Data Collection (100% Complete)**

- Completed

### **TASK B.2 – Assessment of collected data (100% Complete)**

- Completed

### **TASK B.3 – Accident Data and Analysis (100% Complete)**

- Completed

### **TASK B.4 – Collision Diagrams (100% Complete)**

- Completed

### **TASK B.5 – Intersection Exhibits (100% Complete)**

- Completed

### **TASK B.6 – Warrant Analysis (100% Complete)**

- Completed

### **TASK B.7 – Photo Album (100% Complete)**

- Completed

### **TASK B.8 - Recommendations (100% Complete)**

- Completed

### **TASK B.9 – Warrant Study Report (100% Complete)**

- Completed. Responded to TxDOT Comments and submitted final report

## **PENDING ISSUES FOR CATEGORY B:**

- None

TASK AND DESCRIPTION	FIRM	2016				2017						
		SEP	OCT	NOV	DEC	Q1	Q2	Q3	Q4	Q1	Q2	Q3
<b>10th Street Extension (SH 107-FM1925)</b>												
<b>WA #1: EA, PI, Schematic &amp; ROW Map</b>												
Advertise & Conduct Public Meeting	L&G											
TxDOT Schematic Approval	TxDOT											
TxDOT ROW Map Approval	TxDOT											
Environmental Decision	TxDOT											
<b>WA #2: Design Survey &amp; PS&amp;E</b>												
Design Survey	DLS											
Permitted Utility Coordination	L&G											
Outfall Coordination with HCDD #1	L&G											
30% PS&E Completion	L&G											
60% PS&E Completion	L&G											
90% PS&E Completion	L&G											
95% PS&E Completion	L&G											
TxDOT Review	TxDOT											
100% Mylars Completion	L&G											
TxDOT Approval	TxDOT											
<b>TXDOT RELEASE OF ROW</b>												
ROW Release	TxDOT											
<b>WA #3: ROW Acq. (SH 107 - Schunior)*</b>												
<b>ROW Acquisition (Approx. 64 parcels)</b>												
ROW Acquisition Process	L&G											
<b>Construction Mngmnt - Bid Analysis &amp; Contract Award</b>												
Receive TxDOT approval to advertise including pre-bid & DBE Conf	TxDOT											
Advertise (1st) & post in civcast (3 weeks prior to bid opening)	Cty/L&G											
Advertise (2nd) & post in www.civcastusa.com	Cty/L&G											
Advertise (3rd) & post in www.civcastusa.com	Cty/L&G											
Conduct DBE conference & Pre-Bid Meeting	Cty/L&G											
Open Bids (verify apparent low bidder)(7 weeks prior to letting)	Cty/L&G											
Submit Bids to TxDOT (low bidder concurrence)(6 wks to letting)	Cty/L&G											
Receive concurrence from TxDOT	TxDOT											
Recommend to County; Award to Low Bidder	L&G											
Award Contract at Commssloner's Court (Letting Date)	County											
<b>Construction Management - Contract Execution</b>												
Assist the County with Execution of the Contract	L&G											
<b>Construction Operations (SH 107 - FM 1925)</b>												
Construction Begins (Est. Start Date: September 2017)	County											

\* - Note: Hidalgo County Pct. #4 has already purchased 120' of ROW from Schunior to FM 1925

 L&G  
TX