

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

INVOICE #: 11327021
INVOICE DATE: 06/30/18

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 June 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	25,440.50		25,440.50	85.0	4,489.50
15060-Field Srvy/SUB	30,820.00	28,271.00	1,775.00	30,046.00	97.5	774.00
15070-Sub-Surface En	12,500.00	4,000.00	2,000.00	6,000.00	48.0	6,500.00
16004-PS&E Developm	359,296.00	294,622.72	10,778.88	305,401.60	85.0	53,894.40
16006-Plans to TxDot	66,000.00	6,600.00	13,200.00	19,800.00	30.0	46,200.00
16250-Signal Desgin	36,000.00	19,637.52	9,033.59	28,671.11	79.6	7,328.89
16260-Tem. Sgnl Dsgn	18,000.00	1,800.00	12,600.00	14,400.00	80.0	3,600.00
16308-Permitted Utili	108,000.00	75,600.00	5,400.00	81,000.00	75.0	27,000.00
60001-ROW Admin Aqui	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	212,000.00		212,000.00	77.9	60,000.00
60006-Closing Servic	13,600.00	3,000.00	400.00	3,400.00	25.0	10,200.00
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	53,865.00	3,780.00	57,645.00	61.0	36,855.00
TOTALS:	1,614,606.00	1,228,932.74	58,967.47	1,287,900.21	79.8	326,705.79

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 \$ 1,287,900.21
LESS PREVIOUS INVOICES \$ 1,228,932.74

PROJECT MANAGER'S SIGNATURE



CURRENT PAYMENT DUE \$ 58,967.47



July 2, 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 June 2018.

The following is attached:

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

Work Authorization#1

		% Complete
FC 12006 ~ Re-EVALUATION OF THE EA TO INCLUDE OUTFALLS IN PROJECT CONSTRUCTION		
No change from prior invoice.	L&G	30%
FC 15006 ~ FIELD SURVEYS FOR DESIGN AND CONSTRUCTION & SUB-SURFACE UTILITY ENGINEERING		
No change from prior invoice.	L&G	85%
FC 15060 ~ FIELD SURVEYS FOR DESIGN AND CONSTRUCTION/SUB		
ROWSS has completed Design surveys along all three major intersections. Survey at irrigation crossings is also complete.	ROWSS	97.49%
FC 15070 ~ SUB-SURFACE UTILITY ENGINEERING/SUB		
ROWSS is approximately 48% complete with this task of locating all utility lines throughout the project.	ROWSS	48%

FC 16004 ~ PS&E DEVELOPMENT ROADWAY		
<ul style="list-style-type: none"> ○ Roadway Design L&G continues to develop Plan & Profile sheets as well as Utilities and Drainage sheets. All irrigation lines have been identified and design for replacement of these lines is approximately 80%. ○ Intersections Have determined preliminary profiles and drainage along Mile 10 and Mile 11 intersections. ○ Striping Details Striping sheets have been developed and are at 90%. 	L&G	85%
FC 16006 ~ PLANS SUBMITTED TO TxDOT		
L&G has addressed TxDOT comments for Traffic Control Plan sheets. TCP is now apprx. 90% complete.	L&G	30%
FC 16250 ~ PERMANENT SIGNAL DESIGNS (MILE 9, MILE 10, AND MILE 11)		
<p>ETSI (Sub) has performed the following to date:</p> <ul style="list-style-type: none"> ● 20% - General Notes ● 80% - Condition Diagram ● 50% - Signal Layouts, phasing and timing & electrical schedules 	ETSI	79.64%
FC 16260 ~ TEMPORARY SIGNAL DESIGNS DURING CONSTRUCTION		
ETSI (Sub) is approximately 80% complete with temporary signal design. L&G will coordinate with ETSI to ensure that Traffic Control Plan is incorporated with this task.	ETSI	80%
FC 16308 ~ PERMITTED UTILITIES COORDINATION		
Letters to all utility companies were sent this month with U&D's. Phone calls and emails are being documented. L&G will coordinate meetings with all utility companies in the following two months.	L&G	75%

FC 60001 ~ ROW ACQUISITION ADMINISTRATION		
<p>NO UPDATE:</p> <ul style="list-style-type: none"> ○ Informational letters have been mailed out to all property owners. ○ Initial Offers have been now been mailed for 50 parcel owners. ○ Contact is now being made with property owners regarding offers. ○ Negotiations with property owners continue and working with them to clear title. ○ Closing requests continue to be submitted to Sierra Title. ○ L&G has now successfully acquired 15 parcels. Property owners have now been paid and deeds have been recorded. ○ L&G staff continues coordination with Pct #1 on project updates. 	L&G	85%
FC 60002 ~ TITLE SERVICES		
This task is now complete.	L&G	100%
FC 60003 ~ APPRAISAL SERVICES		
L&G Engineering is now in receipt of all appraisal reports. This task is now complete.	L&G	100%
FC 60004 ~ APPRAISAL REVIEW		
L&G Engineering is now in receipt of all review reports. This task is now complete.	L&G	100%
FC 60005 ~ PARCEL NEGOTIATION		
<p>No Update: To date, L&G has sent 53 initial offers to property owners. Seventeen parcels that are encumbered with NAWSC easement are now being inspected by appraiser. 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.</p>	L&G	77.9%
FC 60006 ~ CLOSING SERVICES		
L&G continues with acquiring parcels with payment to property owners. We have successfully paid and recorded deeds for 17 parcels.	L&G	25%
FC 60030 ~ APPRAISAL SERVICES / SUB		
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.	PAS	100%
FC 60040 ~ APPRAISAL REVIEW / SUB		
HLH Appraisal Services has now completed all review reports. This task is now complete.	HLH	100%

FC 60100 ~ COMPENSABLE UTILITY MANAGEMENT		
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.	L&G	61%

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

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 : **R18-078**
Date: **June 30, 2018**
Our Order No.: **R17079**

BILL TO:

Jacinto Garza, P.E.
L & G Engineering
Attn: **Carlos Peralez, P.E.**
2100 W. Expressway 83
Mercedes, Texas 78570

RE: Mile 6 West Project (Work Authorization No. 34)
Limits: From Mile 9 North to Mile 11

Task and Description	Contract Amount	Invoice to Date	Paid to Date	Current Amount Due	Contract Balance	AMOUNT
Phase 1 - Function Code 150 Field Surveying (Control Hz & Vt)						
A. Primary Control						
a. Recovery/Verify set as needed	\$1,654.00	\$1,654.00	\$1,654.00	\$0.00	\$0.00	100.00%
B. Secondary Project Control						
a. Recovery/Verify set as needed	\$2,146.00	\$1,975.00	\$1,975.00	\$0.00	\$171.00	92.03%
Phase 2 - DTM Topography and Cross Sections						
C. Design Survey						
1. Intersections (4,000' total distance)						
a. Mile 6 and Mile 11 (1,000' East and West)	\$4,376.00	\$4,376.00	\$4,026.00	\$350.00	\$0.00	100.00%
b. Mile 6 and Mile 9 (1,000' East and West)	\$4,376.00	\$4,376.00	\$4,026.00	\$350.00	\$0.00	100.00%
2. Canal Crossings (4,000' total distance)						
a. STA 62+79 (1,000' East and West)	\$3,136.00	\$3,136.00	\$2,886.00	\$250.00	\$0.00	100.00%
b. STA 71+95 (1,000' East and West)	\$2,808.00	\$2,808.00	\$2,584.00	\$224.00	\$0.00	100.00%
3. Drainage Crossings and Structures (1,200' total distance, 3 structures)						
a. STA 146+00	\$3,136.00	\$3,136.00	\$2,823.00	\$313.00	\$0.00	100.00%
b. Structures	\$1,896.00	\$1,896.00	\$1,707.00	\$189.00	\$0.00	100.00%
4. Subsurface Utility Engineering (S.U.E.)						
a. Per Unit/Approximately 25 unless advised otherwise	\$12,500.00	\$6,000.00	\$4,000.00	\$2,000.00	\$6,500.00	48.00%
Phase 4 - Final Report & Deliverables						
A. CADD file (2D & 3D) for limits of project	\$1,655.00	\$1,490.00	\$1,490.00	\$0.00	\$165.00	90.03%
B. Final Report and Deliverables	\$1,905.00	\$1,715.00	\$1,715.00	\$0.00	\$190.00	90.03%
Project Management and Oversight						
A. Meeting and Coordination w/ Engineers	\$1,246.00	\$1,122.00	\$1,122.00	\$0.00	\$124.00	90.05%
B. QC/QA Survey	\$1,246.00	\$1,122.00	\$1,122.00	\$0.00	\$124.00	90.05%
GRAND TOTAL:	\$43,320.00	\$36,046.00	\$32,271.00		\$7,274.00	83.2087%
			TOTAL DUE:	\$3,775.00		

DIRECT ALL INQUIRIES TO:
JULIO CERDA, P.E.
(956) 424-3335
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!

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

5300 Hollister Rd., Suite 220

Houston, Texas 77040

Tel. (713) 956-9601

Fax: (713) 956-9667

June 30, 2018

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

Reference: Invoice no. 2017-5-3 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. 2017-5-3, for services provided in conjunction with the above referenced project. It reflects our effort from June 1, 2018 to June 30, 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: 2017-5-3
 INVOICE DATE: 06/30/2018
 FOR SERVICES PROVIDED FROM: 06/01/2018
 TO: 06/30/2018

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	79.64%	\$36,000.00	\$28,671.11	\$19,637.52	\$9,033.59
	TEMPORARY TRAFFIC SIGNAL DESIGN	80.00%	\$18,000.00	\$14,400.00	\$1,800.00	\$12,600.00
	TOTAL DUE	79.76%	\$54,000.00	\$43,071.11	\$21,437.52	\$21,633.59

TOTAL DUE THIS INVOICE: _____ **\$21,633.59**

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: 2017-5-3
 INVOICE DATE: 06/30/2018
 FOR SERVICES PROVIDED FROM: 06/01/2018
 TO: 06/30/2018

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	AMNT INVOICED
1	GENERAL NOTES	80.00	\$987.80	\$790.24
2	BASIS OF ESTIMATE	80.00	\$2,225.69	\$1,780.55
3	CONDITION DIAGRAM	90.00	\$6,847.12	\$6,162.41
4	PROPOSED SIGNAL LAYOUTS	80.00	\$10,268.36	\$8,214.69
5	SIGNAL PHASING, TIMING	80.00	\$2,395.75	\$1,916.60
6	ELECTRICAL SCHEDULES	80.00	\$5,307.10	\$4,245.68
7	INTERSECTION MARKINGS, CURB CHAIR RAMPS	80.00	\$2,110.65	\$1,688.52
8	STANDARD SHEETS LIST	80.00	\$1,540.59	\$1,232.47
9	SPECIFICATIONS	80.00	\$2,280.70	\$1,824.56
10	COORDINATION AND MEETINGS	50.00	\$1,360.46	\$680.23
11	TEMPORARY TRAFFIC SIGNALS	80.00	\$18,000.00	\$14,400.00
	<u>EXPENSES</u>	20.00	675.78	\$135.16
	SUBTOTAL	79.76%	\$54,000.00	\$43,071.11

MILE 6 WEST ROAD: FROM MILE 9 TO MILE 11; WA NO 26
TRAFFIC SIGNAL DESIGN
PROGRESS REPORT AS OF JUNE 30, 2018

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

SIGNAL DESIGN

TASK 1 – General Notes (80% Complete)

- Substantially complete

TASK 2 – Basis of Estimate (50% Complete)

- Substantially complete

TASK 3 – Condition Diagram (90% Complete)

- Substantially complete

TASK 4 – Proposed Signal Layouts (80% Complete)

- Substantially complete

TASK 5 – Signal Phasing and Timing (80% Complete)

- Substantially complete

TASK 6 – Electrical Schedules (80% Complete)

- Substantially complete

TASK 7 – Intersection Signing, Pavement Markings and Curb Ramps (80% Complete)

- Substantially complete

TASK 8 – Standard Sheets List (80% complete)

- Substantially complete

TASK 9 – Specifications (80% Complete)

- Substantially complete

TASK 10 – Coordination and Meetings (50% complete)

- Continue coordination with L&G

TASK 11 – Temporary Traffic Signals (80% Complete)

- Substantially complete

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	
WORK AUTHORIZATION NO. 1																						
PHASE II & III: ROW MAP, PS&E, ROW ACQ.																						
from Mile 9 to Mile 11																						
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