

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

**INVOICE #: 11326555**  
**INVOICE DATE: 10/31/17**

**BILL TO: 93**

Hidalgo County Pct. #2  
 300 W. Hall Acres, Suite G  
 Pharr, TX 78577

**JOB: 151302**

Eldora Rd. Project WA#2  
 FM 3662 (Jackson) to Veterans  
 PO#764302

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of October 2017.						
13002-ROW Mapping	27,960.40 ✓	4,194.06 ✓		4,194.06 ✓	15.0	23,766.34 +
13020-ROW Map/Sub	153,600.00 ✓		15,360.00 ✓	15,360.00 ✓	10.0	138,240.00 +
15030-Horiz & Verti	11,278.00 ✓				0.0	11,278.00 +
15040-Determin Topog	72,764.00 ✓				0.0	72,764.00 +
15070-Sub-Surface	29,000.00 ✓				0.0	29,000.00 +
15080-Final Reports	5,126.00 ✓		1,133.00 ✓	1,133.00 ✓	22.1	3,993.00 +
16004-PS&E DeveIop	814,598.52 ✓	203,649.63 ✓	40,729.93 ✓	244,379.56 ✓	30.0	570,218.96 +
16009-PS&E Update	66,833.28 ✓				0.0	66,833.28 +
16204-Signal Warrant	15,593.30 ✓		13,254.31 ✓	13,254.31 ✓	85.0	2,338.99 +
16240-Signal Warrant	21,000.00 ✓		17,485.03 ✓	17,485.03 ✓	83.3	3,514.97 +
16250-Signal Design	70,000.00 ✓				0.0	70,000.00 +
16260-Flashing Beaco	14,000.00 ✓				0.0	14,000.00 +
16308-Permitted Utili	168,017.10 ✓	42,004.28 ✓	8,400.85 ✓	50,405.13 ✓	30.0	117,611.97 +
32001-Const. Mgmt	189,015.70 ✓				0.0	189,015.70 +
32040-Project Mgmnt	6,184.00 ✓				0.0	6,184.00 +
33001-Geotech Testin	22,225.80 ✓				0.0	22,225.80 +
33002-Geotech Analys	71,477.36 ✓				0.0	71,477.36 +
33003-Geotech Report	300.00 ✓				0.0	300.00 +
<b>TOTALS:</b>	<b>1,758,973.46</b> A	<b>249,847.97</b> A	<b>96,363.12</b> A	<b>346,211.09</b> A	<b>19.7</b>	<b>1,412,762.37</b> A



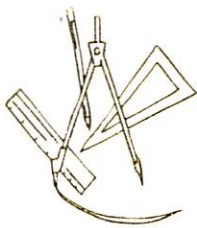
PROJECT MANAGER'S SIGNATURE

ORIGINAL CONTRACT SUM \$ 1,758,973.46 ✓  
 CHANGE BY CHANGE ORDER \$ 0.00  
 CONTRACT SUM TO DATE \$ 1,758,973.46 ✓  
 TOTAL COMPLETED TO DATE \$ 346,211.09 ✓  
 LESS PREVIOUS INVOICES \$ 249,847.97 ✓

CURRENT PAYMENT DUE \$ 96,363.12 ✓

INVOICE RECEIVED BY: Elysha [Signature] ON 11/2/17  
 GOODS/SERVICES RECEIVED BY: Eddie Cantu ON 10/01-31/17

PO # 764302  
7-1350-431-00-122-123-0-841  
 Req # 34535



# L&G Consulting Engineers, Inc.

November 1, 2017

Mr. Armando Garza, Jr., Chief Administrator  
**Attn: Ms. Erika Zamora, Director of Administrative Operations**  
 Hidalgo County Precinct No. 2  
 300 West Hall Acres Rd  
 Pharr, Texas 78589

**RE: Eldora Road Project - Work Authorization No. 2**  
**Limits: Jackson to Veterans Blvd**  
**PO#764302 / L&G Project#151302**

Dear Mr. Garza,

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 for the month of October 2017.

The following is attached:

- L & G's Invoice
- Exhibit C – Work Schedule

## Work Authorization #2

TASK		% Complete
<b>FC 13002 ~ ROW MAP</b>		
<b>NO UPDATE:</b> The contract has been generated with Sub ROWSS and scope of services was identified. ROWSS was provided with a preliminary schematic for their reference. L&G continues to coordinate with the surveyor.	<b>L&amp;G</b>	<b>15%</b>
<b>FC 13020 ~ ROW MAP / SUB</b>		
<b>UPDATED:</b> ROWSS has begun the title abstract work and project basemap.	<b>ROWSS</b>	<b>10%</b> d
<b>FC 15030 ~ HORIZONTAL &amp; VERTICAL CONTROL</b>		
<b>NO UPDATE:</b> This task has not started, it will commence this month.	<b>ROWSS</b>	<b>0%</b>
<b>FC 15040 ~ TOPO/PLANIMETRIC</b>		
<b>NO UPDATE:</b> This task has not started, it will commence this month.	<b>ROWSS</b>	<b>0%</b>
<b>FC 15070 ~ SUB-SURFACE UTILITY ENGINEERING</b>		
<b>NO UPDATE:</b> This task has not started, it will commence this month.	<b>ROWSS</b>	<b>0%</b>
<b>FC 15080 ~ FINAL REPORT &amp; DELIVERABLES</b>		
<b>UPDATED:</b> ROWSS has begun work on the 2D & 3D deliverables as well as the final report.	<b>ROWSS</b>	<b>22.1%</b> d

<b>FC 16004 ~ PS&amp;E DEVELOPMENT</b>		
<b>UPDATED:</b> We have begun developing the plan set, including: typical sections, project layout, title sheet & tcp layouts.	<b>L&amp;G</b>	<b>30%</b>
<b>FC 16009 ~ UPDATE PS&amp;E</b>		
<b>NO UPDATE:</b> This task has not started.	<b>L&amp;G</b>	<b>0%</b>
<b>FC 16204 ~ SIGNAL WARRANTS</b>		
<b>UPDATED:</b> L&G has provided ETSI with all the field assistance and all traffic counts have been collected at the warrant locations.	<b>L&amp;G</b>	<b>85%</b>
<b>FC 16240 ~ SIGNAL WARRANTS / SUB</b>		
<b>UPDATED:</b> ETSI has completed all of the field investigations and assessment of data. They are substantially complete on the Intersection Exhibits, Warrant Analysis and Draft Report.	<b>ETSI</b>	<b>83.2%</b>
<b>FC 16250 ~ SIGNAL DESIGN</b>		
<b>NO UPDATE:</b> This task has not started.	<b>ETSI</b>	<b>0%</b>
<b>FC 16260 ~ FLASHING BEACON</b>		
<b>NO UPDATE:</b> This task has not started.	<b>ETSI</b>	<b>0%</b>
<b>FC 16308 ~ PERMITTED UTILITIES</b>		
<b>UPDATED:</b> L&G continues to coordinate with the utility companies on the project. We have requested system maps and have begun placing them on our U&D sheets.	<b>L&amp;G</b>	<b>30%</b>
<b>FC 32001 ~ CONSTRUCTION MANAGEMENT</b>		
<b>NO UPDATE:</b> This task has not started.	<b>L&amp;G</b>	<b>0%</b>
<b>FC 32040 ~ PROJECT MANAGEMENT</b>		
<b>NO UPDATE:</b> This task has not started.	<b>ROWSS</b>	<b>0%</b>
<b>FC 33001 ~ GEOTECHNICAL TESTING</b>		
<b>NO UPDATE:</b> This task has not started.	<b>L&amp;G</b>	<b>0%</b>
<b>FC 33002 ~ GEOTECHNICAL ANALYSIS</b>		
<b>NO UPDATE:</b> This task has not started.	<b>L&amp;G</b>	<b>0%</b>
<b>FC 33003 ~ GEOTECHNICAL REPORT</b>		
<b>NO UPDATE:</b> This task has not started.	<b>L&amp;G</b>	<b>0%</b>

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'R. Macheska', with a stylized flourish extending to the right.

Robert Macheska, P.E., CFM  
Project Manager

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

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October 31, 2017

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

**RE: Invoice #R17-126  
Eldora Road Project  
Work Authorization #33  
Limits: From FM 3362 (Jackson Road) to "I" Road (Veterans Blvd.)**

Dear Mr. Badiozzamani:

Attached for your approval is our invoice for services rendered for the month of October, 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,

A handwritten signature in blue ink, appearing to read 'Julio Cerda', with a large, sweeping flourish underneath.

Julio Cerda, P.E.  
President/CEO

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

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## Progress Report as of October, 2017:

### PHASE 1: FC130 ROW Map

#### A. *ROW Map, Parcel Description, Metes & Bounds Description, and Title Reports (48 Parcels)*

Title abstract research has begun. Office staff update project basemap daily with easements, right of ways, and ownership information.

### PHASE 1: FC150 Field Surveying (Control Hz & Vt)

#### o A. *Primary Project Control*

No Activities

#### o B. *Secondary Project Control*

No Activities

### PHASE 2: DTM Topography Cross Sections

#### o A. *Setting Benchmarks*

##### 1. Setting Benchmarks

No Activities.

##### 2. Topography & Cross Section Survey

No Activities.

##### 3. Locate Visible Utilities

No Activities.

##### 4. Cross Culverts, Driveway Culverts, Inverts

No Activities.

##### 5. Right of Way, ROW Research, Appraisal District Records

No Activities.

##### 6. Proposed centerline on existing pavement pre-construction for utilities

No Activities.

##### 7. Profile and Cross Section Intersecting Streets

No Activities.

##### 8. Irrigation Crossing

No Activities

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

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9. Existing Storm Drain H & V  
No Activities.
10. Tie Existing Underground & Overhead Utilities Coordination with Engineer (No SUE)  
No Activities.
11. Additional Field Surveying  
No Activities.
15. Profiles of Existing Drainage Facilities  
No Activities.
17. Obtain Elevations of Manholes & Valves of Utilities  
No Activities.
18. Provide Temporary Signs, Traffic control, flags, safety equipment, etc.  
No Activities.
19. Ties to Existing Bridges or Culverts that may be in Conflict with New Construction  
No Activities.
21. Inventory Signs, Mailboxes, and Driveways  
No Activities.
22. Survey Controlled Data Sheets per TxDOT guidelines  
No Activities
23. Recover and Establish Existing CL and ROW  
No Activities.
24. Coordinate with the Engineer for existing CL stationing  
No Activities.
25. Right of Way Re-staking (pre-construction)  
No Activities.
26. SUE Level a Data Sheets  
No Activities

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

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## **PHASE 3: SUBMERGED UTILITY ENGINEERING (SUE)**

1. **Hydro Excavation SUE Level A (58 holes)**  
No Activities.

## **Phase 4: Final Reports & Deliverables**

- **A. CADD file (2D &3D) for limits of Project**  
Office staff continue to work on project files and property research.
- **B. Final Report and Deliverables**  
Basemap updated as office staff progress with title information.

## **Project Management & Oversight**

- **A. Meeting & Coordination with Engineers**  
Right of Entry letters have been sent to proposed parcel owners. Communicate with land owners regarding project limits and proposed roadway.
- **B. QC/QA Survey**  
QC/QA procedures followed daily by office staff.

# 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 : R17-126  
Date: October 31, 2017  
Our Order No.: R17089

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

**RE: Eldora Road Project (Work Authorization No. 33)**  
Limits: From FM 3362 (Jackson Road) to "I" Road (Veterans Blvd.)

Task and Description	Contract Amount	Invoice to Date	Paid to Date	Current Amount Due	Contract Balance	AMOUNT
<b>Phase 1 - Function Code 130 ROW Map</b>						
A. ROW Map, Parcel Description, Metes & Bounds Description, & Title Reports (48 Parcels)	\$153,600.00	\$15,360.00	\$0.00	\$15,360.00	\$138,240.00	10.00%
Sub-Total (FC 130):	\$153,600.00	\$15,360.00	\$0.00	\$15,360.00	\$138,240.00	10.00%
<b>Phase 1 - Function Code 150 Field Surveying (Control Hz &amp; Vt)</b>						
<b>A. Primary Project Control</b>						
a. Establish Primary Control	\$1,839.00	\$0.00	\$0.00	\$0.00	\$1,839.00	0.00%
<b>B. Secondary Project Control</b>						
a. Set additional secondary control points as needed	\$3,015.00	\$0.00	\$0.00	\$0.00	\$3,015.00	0.00%
b. Horizontal values established with RTK or VRS	\$2,495.00	\$0.00	\$0.00	\$0.00	\$2,495.00	0.00%
c. Vertical values established with digital level	\$3,929.00	\$0.00	\$0.00	\$0.00	\$3,929.00	0.00%
<b>Phase 2 - DTM Topography and Cross Sections</b>						
<b>C. Setting Benchmarks</b>						
1. Setting benchmarks @ 1,000 ft. intervals (approximate count 12)	\$5,580.00	\$0.00	\$0.00	\$0.00	\$5,580.00	0.00%
2. Topographic * Cross Sections	\$18,162.00	\$0.00	\$0.00	\$0.00	\$18,162.00	0.00%
3. Locate Visible Utilities	\$5,196.00	\$0.00	\$0.00	\$0.00	\$5,196.00	0.00%
4. Cross Culverts, Driveways Culverts, & Inverts	\$1,839.00	\$0.00	\$0.00	\$0.00	\$1,839.00	0.00%
5. Right of Entry, ROW Research, & Appraisal District Records	\$2,164.00	\$0.00	\$0.00	\$0.00	\$2,164.00	0.00%
6. Proposed centerline on existing pavement pre-construction for utilities	\$2,641.00	\$0.00	\$0.00	\$0.00	\$2,641.00	0.00%
7. Profile & cross section intersecting streets	\$2,331.00	\$0.00	\$0.00	\$0.00	\$2,331.00	0.00%
8. Irrigation Crossings	\$2,331.00	\$0.00	\$0.00	\$0.00	\$2,331.00	0.00%
9. Existing storm drain H&V	\$2,495.00	\$0.00	\$0.00	\$0.00	\$2,495.00	0.00%
10. Tie existing underground & overhead utilities coordinate with Engineer (No SUE)	\$3,439.00	\$0.00	\$0.00	\$0.00	\$3,439.00	0.00%
11. Additional Field Surveying						
a. Irrigation Lines	\$1,882.00	\$0.00	\$0.00	\$0.00	\$1,882.00	0.00%
b. Outfalls	\$1,671.00	\$0.00	\$0.00	\$0.00	\$1,671.00	0.00%
c. Driveways and turnouts	\$2,021.00	\$0.00	\$0.00	\$0.00	\$2,021.00	0.00%
15. Profiles of Existing Drainage Facilities	\$2,185.00	\$0.00	\$0.00	\$0.00	\$2,185.00	0.00%
17. Obtain Elevations of manholes & valves of utilities	\$2,185.00	\$0.00	\$0.00	\$0.00	\$2,185.00	0.00%
18. Provide tem. Signs, traffic control, flags, safety equip., etc.	\$2,605.00	\$0.00	\$0.00	\$0.00	\$2,605.00	0.00%
19. Ties to existing bridges or culverts that may be in conflict w/new construction	\$2,185.00	\$0.00	\$0.00	\$0.00	\$2,185.00	0.00%
21. Inventory signs, mailboxes, and driveways	\$2,185.00	\$0.00	\$0.00	\$0.00	\$2,185.00	0.00%
22. Survey control data sheets per TxDOT	\$2,148.00	\$0.00	\$0.00	\$0.00	\$2,148.00	0.00%
23. Recover & establish existing CL & ROW	\$125.00	\$0.00	\$0.00	\$0.00	\$125.00	0.00%
24. Coordinate with Engineer for existing CL Stationing	\$498.00	\$0.00	\$0.00	\$0.00	\$498.00	0.00%
25. Right of Way Restaking (Pre-Construction)	\$3,678.00	\$0.00	\$0.00	\$0.00	\$3,678.00	0.00%
26. SUE Level A Data Sheets	\$3,218.00	\$0.00	\$0.00	\$0.00	\$3,218.00	0.00%
<b>Phase 3 - Subsurface Utility Engineering</b>						
1. Hydro Excavation SUE Level A (20 miles): 58 holes	\$29,000.00	\$0.00	\$0.00	\$0.00	\$29,000.00	0.00%
<b>Phase 4 - Final Report &amp; Deliverables</b>						
A. CADD file (2D & 3D) for limits of project	\$1,640.00	\$164.00	\$0.00	\$164.00	\$1,476.00	10.00%
B. Final Report and Deliverables	\$3,486.00	\$349.00	\$0.00	\$349.00	\$3,137.00	10.01%
<b>Project Management and Oversight</b>						
A. Meeting and Coordination w/ Engineers	\$3,092.00	\$310.00	\$0.00	\$310.00	\$2,782.00	10.03%
B. QC/QA Survey	\$3,092.00	\$310.00	\$0.00	\$310.00	\$2,782.00	10.03%
Sub-Total (FC 150):	\$124,352.00	\$1,133.00	\$0.00	\$1,133.00	\$123,219.00	0.9111%
GRAND TOTAL:	\$277,952.00	\$16,493.00	\$0.00		\$261,459.00	5.9338%
				<b>TOTAL DUE:</b>	\$16,493.00	

**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!**

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

*5300 Hollister Rd., Suite 220*

*Houston, Texas 77040*

*Tel. (713) 956-9601*

*Fax: (713) 956-9667*

October 31, 2017

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

Reference: El Dora Road: From FM3362 (Jackson Road) to Veterans Blvd (I Road):  
Traffic Signal Design and Warrant Studies  
Work Authorization #20  
Invoice no. 2017-10-1

Dear Jacinto:

Attached for your handling is invoice no. 2017-10-1, for services provided in conjunction with the above referenced project. It reflects our effort during the month of October 2017.

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: 2017-10-1  
INVOICE DATE: 10/31/2017  
FOR SERVICES PROVIDED FROM: 10/01/2017  
TO: 10/31/2017

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

PROJECT NAME:  
EL DORA ROAD  
FM 3362 TO VETERANS BLVD  
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	0.00%	\$84,000.00	\$0.00	\$0.00	\$0.00
	CATEGORY B - TRAFFIC SIGNAL WARRANTS	83.26%	\$21,000.00	\$17,485.03	\$0.00	\$17,485.03
	TOTAL DUE	16.65%	\$105,000.00	\$17,485.03	\$0.00	\$17,485.03

TOTAL DUE THIS INVOICE: \_\_\_\_\_ **\$17,485.03**

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: 2017-10-1  
INVOICE DATE: 10/31/2017  
FOR SERVICES PROVIDED FROM: 10/01/2017  
TO: 10/31/2017

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

**PROJECT NAME:**  
EL DORA ROAD  
FM 3362 TO VETERANS BLVD  
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	0.00	\$1,285.95	\$0.00
A.2	BASIS OF ESTIMATE	0.00	\$4,242.80	\$0.00
A.3	CONDITION DIAGRAM	0.00	\$5,179.70	\$0.00
A.4	PROPOSED SIGNAL LAYOUTS	0.00	\$24,460.47	\$0.00
A.5	SIGNAL PHASING, TIMING	0.00	\$6,756.00	\$0.00
A.6	ELECTRICAL SCHEDULES	0.00	\$10,778.77	\$0.00
A.7	INTERSECTION MARKINGS, CURB CHAIR RAMPS	0.00	\$5,607.12	\$0.00
A.8	STANDARD SHEETS LIST	0.00	\$1,321.36	\$0.00
A.9	SPECIFICATIONS	0.00	\$6,278.55	\$0.00
A.10	COORDINATION AND MEETINGS	0.00	\$3,879.33	\$0.00
A.11	TEMPORARY TRAFFIC SIGNALS	0.00	\$13,512.00	\$0.00
	<u>EXPENSES</u>	0.00	697.95	\$0.00
	<b>SUBTOTAL</b>	<b>0.00%</b>	<b>\$84,000.00</b>	<b>\$0.00</b>

**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: 2017-10-1  
INVOICE DATE: 10/31/2017  
FOR SERVICES PROVIDED FROM: 10/01/2017  
TO: 10/31/2017

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

**PROJECT NAME:**  
EL DORA ROAD  
FM 3362 TO VETERANS BLVD  
SIGNAL WARRANTS, SIGNAL DESIGN

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMNT INVOICED
<b>CATEGORY B - TRAFFIC SIGNAL WARRANTS STUDIES</b>				
B.1	FIELD INVESTIGATION - DATA COLLECTION'	100.00	\$2,943.82	\$2,943.82
B.2	ASSESSMENT OF DATA	100.00	\$981.27	\$981.27
B.3	ACCIDENT ANALYSIS	0.00	\$1,138.80	\$0.00
B.4	COLLISION DIAGRAMS	0.00	\$902.39	\$0.00
B.5	EXHIBITS	90.00	\$902.39	\$812.15
B.6	WARRANT ANALYSIS	90.00	\$5,233.51	\$4,710.16
B.7	PHOTO ALBUM	90.00	\$411.81	\$370.63
B.8	RECOMMENDATIONS	90.00	\$1,151.27	\$1,036.14
B.9	WARRANT STUDY REPORT	90.00	\$4,830.66	\$4,347.59
	<u>EXPENSES (TRAFFIC COUNTS)</u>	100.00	1,400.00	\$1,400.00
	<u>EXPENSES (PRINTS, TRAVEL, DELIVERIES)</u>	80.00	1,104.08	\$883.26
	<b>SUBTOTAL</b>	<b>83.26%</b>	<b>\$21,000.00</b>	<b>\$17,485.03</b>

EL DORA ROAD: FROM FM 3362 TO VETERANS BLVD (I ROAD)  
TRAFFIC SIGNAL DESIGN & WARRANT STUDIES  
PROGRESS REPORT AS OF OCTOBER 31, 2017

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

**CATEGORY A – SIGNAL DESIGN**

**TASK A.1 – General Notes (0% Complete)**

- No Action

**TASK A.2 – Basis of Estimate (0% Complete)**

- No Action

**TASK A.3 – Condition Diagram (0% Complete)**

- No Action

**TASK A.4 – Proposed Signal Layouts (0% Complete)**

- No Action

**TASK A.5 – Signal Phasing and Timing (0% Complete)**

- No Action

**TASK A.6 – Electrical Schedules (0% Complete)**

- No Action

**TASK A.7 – Intersection Signing, Pavement Markings and Curb Ramps (0% Complete)**

- No Action

**TASK A.8 – Standard Sheets List (0% complete)**

- No Action

**TASK A.9 – Specifications (0% Complete)**

- No Action

**TASK A.10 – Coordination and Meetings (0% complete)**

- No Action

**TASK A.11 – Temporary Traffic Signals (0% Complete)**

- No Action

**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 (0% Complete)**

- No Action

### **TASK B.4 – Collision Diagrams (0% Complete)**

- No Action

### **TASK B.5 – Intersection Exhibits (90% Complete)**

- Substantially completed

### **TASK B.6 – Warrant Analysis (90% Complete)**

- Substantially completed

### **TASK B.7 – Photo Album (90% Complete)**

- Substantially completed

### **TASK B.8 - Recommendations (90% Complete)**

- Substantially completed

### **TASK B.9 – Warrant Study Report (90% Complete)**

- Substantially completed

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

- None



# Purchase Order COUNTY OF HIDALGO

PO# 764302 ✓

DATE: 06/28/17 ✓

PAGE NO: 1 Of 1

PO TYPE:

VENDOR: 280046

REQ: 00345353

PHONE: (956) 565-9813

Fax: (956) 565-6746

EMAIL:

✓ L & G CONSULTING ENGINEERS, INC.  
2100 W. EXPRESSWAY 83  
MERCEDDES TX 78570

BUYER:

SHIP TO: HIDALGO CO. PCT 2  
✓ 300 WEST HALL ACRES, SUITE G  
PHARR TX 78577

CONTACT: EDUARDO CANTU (956) 787-1891

SITE: COMMISSIONER, PRECINCT 2

CONTRACT NO: C-15-336-09-29

SPECIAL INSTRUCTIONS:

**VENDOR NOTES**

1. Do not add to, or alter this Purchase Order. This Order is not renewable.
2. TAX EXEMPTION: This Purchase Order may be accepted in lieu of Exemption Certificate.
3. This Order is also placed F.O.B. Destination. Vendor must repay all shipping costs.
4. Invoice each Purchase Order singly. Original invoices are required customer copy may be accepted. Out number must appear on all invoices, bills of lading, and packages.
5. Payment will be made only for bona fide and full completed orders, unless otherwise attached.

QTY	UOM	DESCRIPTION	UNIT PRICE	AMOUNT
		DO NOT DUPLICATE ORDER		
		C-15-336-09-29 EXPIRES 12/31/2020 - PCT 2 ELDORA RD PROJECT (JACKSON RD TO I RD) - ENGINEERING SERVICES FOR PHASE II		
		WORK AUTH#2 APPROVED BY CC 6/13/17 AI#60198 ICA WITH PHARR APPROVED BY CC 9/1/15 AI#51116		
1.00	LOT	CC WORK AUTHORIZATION NO 2 TO PROVIDE PS&E ROW MAPPING, AND SURVEYING SERVICES NEEDED FOR THE PCT 2 ELDORA RD PROJECT (FROM JACKSON RD TO I RD)	1,758,973.46	1,758,973.46
		TOTAL:		1,758,973.46
		***** For Hidalgo County use only		
		7-1200-431-00-122-123-0-841	197,073.46	
		7-1350-431-00-122-123-0-841	1,561,900.00	

**SCANNED**  
6/30/17

2017 JUN 29 PM 3 01

PRECINCT NO. 2  
HIDALGO COUNTY

Authorized by:

*Martha L Salazar*

*6/28/17*