

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

INVOICE #: 11327338
INVOICE DATE: 01/02/19

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 December 2018.						
Work Authorization #1 - Environmental Assessment Re-Evaluation, PS&E Development, Right-of-Way Acquisitin Services and Compensable Utility Management						
12006-Re-Evaluate EA	15,000.00	13,500.00	750.00	14,250.00	95.0	750.00
15006-Field Surveys	29,930.00	26,937.00		26,937.00	90.0	2,993.00
15060-Field Srvy/SUB	30,820.00	30,046.00	774.00	30,820.00	100.0	
15070-Sub-Surface En	12,500.00	7,500.00		7,500.00	60.0	5,000.00
16004-PS&E Developm	359,296.00	341,331.20	7,185.92	348,517.12	97.0	10,778.88
16006-Plans to TxDot	66,000.00	23,100.00	3,300.00	26,400.00	40.0	39,600.00
16250-Signal Desgin	36,000.00	28,671.11		28,671.11	79.6	7,328.89
16260-Tem. Sgnl Dsgn	18,000.00	14,400.00		14,400.00	80.0	3,600.00
16308-Permitted Utili	108,000.00	81,000.00		81,000.00	75.0	27,000.00
60001-ROW Admin Aqu	395,760.00	346,290.00		346,290.00	87.5	49,470.00
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	260,000.00		260,000.00	95.6	12,000.00
60006-Closing Servic	13,600.00	5,800.00	400.00	6,200.00	45.6	7,400.00
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	75,600.00	2,835.00	78,435.00	83.0	16,065.00
TOTALS:	1,614,606.00	1,417,375.31	15,244.92	1,432,620.23	88.7	181,985.77

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	\$ 1,432,620.23
LESS PREVIOUS INVOICES	\$ 1,417,375.31

CURRENT PAYMENT DUE \$ 15,244.92

Marisela G. Mauld
 PROJECT MANAGER'S SIGNATURE
 For: JACINTO GARZA P.E.

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

December 28, 2018

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

RE: Invoice #R18-160
Mile 6 West Project-Work Authorization #34
Limits: From Mile 9 North to Mile 11

Dear Mr. Peralez:

Attached for your approval is our invoice for services rendered for the month of December, 2018. 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.

Progress Report as of December, 2018:

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

o *A. Primary Project Control*

No Activities.

o *B. Secondary Project Control*

Complete. Signed and sealed Horizontal/Vertical Control Sheets submitted to Project Manager.

PHASE 2: DMT Topography and Cross Sections

o *C. Design Survey*

1. **Intersections (4,000' total distance)**

a. Mile 6 and Mile 11 (1,000' East and West)

No Activities.

b. Mile 6 and Mile 9 (1,000' East and West)

No Activities.

2. **Canal Crossings (4,000' total distance)**

a. STA 62+79 (1,000' East and West)

No Activities.

b. STA 71+95 (1,000' East and West)

No Activities.

3. **Drainage Crossings and Structures (1,200' total distance)**

a. STA 146+00

No Activities.

b. Structures

No Activities.

4. **Subsurface Utility Engineering (S.U.E.)**

a. Per Unit/Approximately 25 unless advised otherwise

No Activities.

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

PHASE 3: Final Reports & Deliverables

- **A. CADD file (2D &3D) for limits of Project**
No Activities.
- **B. Final Report and Deliverables**
No Activities.

Project Management & Oversight

- **A. Meeting & Coordination with Engineers**
Project Complete. Deliverables have been submitted to Project Manager.
- **B. QC/QA Survey**
Complete pending request for SUE.

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 : R18-160
Date: December 28, 2018
Our Order No.: R17079

BILL TO:
Jacinto Garza, P.E.
L & G Engineering
Attn: Carlos Perez, 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	\$2,146.00	\$1,975.00	\$171.00	\$0.00	100.00%
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	\$4,376.00	\$0.00	\$0.00	100.00%
b. Mile 6 and Mile 9 (1,000' East and West)	\$4,376.00	\$4,376.00	\$4,376.00	\$0.00	\$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	\$3,136.00	\$0.00	\$0.00	100.00%
b. STA 71+95 (1,000' East and West)	\$2,808.00	\$2,808.00	\$2,808.00	\$0.00	\$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	\$3,136.00	\$0.00	\$0.00	100.00%
b. Structures	\$1,896.00	\$1,896.00	\$1,896.00	\$0.00	\$0.00	100.00%
4. Subsurface Utility Engineering (S.U.E.)						
a. Per Unit/Approximately 25 unless advised otherwise	\$12,500.00	\$7,500.00	\$7,500.00	\$0.00	\$5,000.00	60.00%
Phase 4 - Final Report & Deliverables						
A. CADD file (2D & 3D) for limits of project	\$1,655.00	\$1,655.00	\$1,490.00	\$165.00	\$0.00	100.00%
B. Final Report and Deliverables	\$1,905.00	\$1,905.00	\$1,715.00	\$190.00	\$0.00	100.00%
Project Management and Oversight						
A. Meeting and Coordination w/ Engineers	\$1,246.00	\$1,246.00	\$1,122.00	\$124.00	\$0.00	100.00%
B. QC/QA Survey	\$1,246.00	\$1,246.00	\$1,122.00	\$124.00	\$0.00	100.00%
GRAND TOTAL:	\$43,320.00	\$38,320.00	\$37,546.00		\$5,000.00	88.4580%
				TOTAL DUE:	\$774.00	

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!

TASK AND DESCRIPTION	2018												2019											
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC								
PS&E and Bid Package																								
90% Submittal																								
TXDOT Review																								
95% Submittal																								
TXDOT Review																								
Final Submittal																								
Environmental Reassessment																								
Environmental Documents Submittal to TXDOT																								
TXDOT Approval to proceed with MAPCS, etc...																								
TXDOT Approval with Property Owners																								
US Army Approval of Re-Evaluation																								
ROW Acquisition on Original Parcels																								
Negotiations																								
ROW Acquisition on Additional Parcels																								
Appraisals/Reviews for 4 Parcels @ Mile 11 w/cleared EA																								
Negotiation w/Property Owners for 4 Parcels																								
Appr/Rev for 8 Parcels (Outlets & Mile 11 Int) w/o EA Clear.																								
Negotiation w/Property Owners for 8 Parcels																								
Utility Adjustments																								
Compensable																								
Permitted																								
Letting																								
State letter of Authority																								
Prepare Bidding Work Plan																								
TXDOT Bidding Work Plan Review and Approval																								
Release for Advertisement																								
Prepare Advertisements																								
TXDOT Advertisement Review/Approval																								
Advertise for Bids																								
Advertises (if needed)																								
Pre-Bid Meeting (Non-Mandatory)																								
Open Bids Publicly																								
LG Bid Analysis																								
LG Recommendation to award/reject or cancel																								
LG Request Concurrence Letter																								
TXDOT Bid Review																								
TXDOT Concurrence																								
TXDOT Draft Concurrence Letter																								
TXDOT Concurrence Obligation to Approval Bid																								
TXDOT Request FHWA Approval in Obligation																								
FHWA Approval Adjustment in Obligation																								
Award Bid - LG																								
Approve Contract - LG																								
Final Bid Package (with additional items from MPO)																								
Final Bid Package (with additional items from MPO)																								
HCMPO TIF Amend #1 to FY 2019-2022 TIF Final Approval																								
Commission STIP Approval																								
FHWA Addition as per HCMPO																								
Draft AFA																								
TXDOT Division Review & Approval of Revised AFA																								
SPA 15.52 Form Completed & Signed by D.E.																								
CS Review & Approval of AFA for Partial Execution																								
Transmittal Letter and Approved AFA to LG for Partial Execution																								
Submittal of Partial Execution by LG																								
Submittal of AFA to CS For Full Execution																								
Full Execution by CS																								
Executed AFA to LG																								
GEI Contract																								
Selection Process																								

Earliest Start Date

Letting Date



January 2, 2019

Hon. David Fuentes
Hidalgo County Commissioner, Pct. #1
Attn: Amy Saenz-Smith or Erica Espinoza
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 December 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		
L&G has completed and submitted all documentation to TxDOT. USACE coordination was completed on 12/14/18; no USACE permitting will be required.	L&G	95%
FC 15006 ~ FIELD SURVEYS FOR DESIGN AND CONSTRUCTION & SUB-SURFACE UTILITY ENGINEERING		
No change from prior invoice.	L&G	90%
FC 15060 ~ FIELD SURVEYS FOR DESIGN AND CONSTRUCTION/SUB		
ROWSS has completed, signed and sealed horizontal/vertical control sheets and have submitted to Project Manager.	ROWSS	100%
FC 15070 ~ SUB-SURFACE UTILITY ENGINEERING/SUB		
ROWSS continues to provide information on plan layouts concerning existing utilities.	ROWSS	60%

FC 16004 ~ PS&E DEVELOPMENT ROADWAY		
L&G has compiled a PS&E working set of plans and has been performing QC/QA internally. As per TxDOT's request, L&G will submit PS&E package, including QA/QC red-lines, specs, front-end documents, Contract time estimate and all review checklists in January 2019.	L&G	97%
FC 16006 ~ PLANS SUBMITTED TO TxDOT		
L&G has revised 1002 Forms and Design Summary Report updates to TxDOT for their review in anticipation of PS&E submittal in January 2019.	L&G	40%
FC 16250 ~ PERMANENT SIGNAL DESIGNS (MILE 9, MILE 10, AND MILE 11)		
No change from prior invoice. ETSI (Sub) has performed the following to date: <ul style="list-style-type: none"> • 20% - General Notes • 80% - Condition Diagram • 50% - Signal Layouts, phasing and timing & electrical schedules 	ETSI	79.6%
FC 16260 ~ TEMPORARY SIGNAL DESIGNS DURING CONSTRUCTION		
No change from prior invoice. 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		
No change from prior invoice.	L&G	75%
FC 60001 ~ ROW ACQUISITION ADMINISTRATION		
NO UPDATE: <ul style="list-style-type: none"> ○ Informational letters have been mailed out to all property owners. ○ Initial Offers have been now been mailed for 65 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 30 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	87.5%
FC 60002 ~ TITLE SERVICES		
This task is now complete.	L&G	100%
FC 60003 ~ APPRAISAL SERVICES		
This task is now complete.	L&G	100%

FC 60004 ~ APPRAISAL REVIEW		
This task is now complete.	L&G	100%
FC 60005 ~ PARCEL NEGOTIATION		
No Update: To date, L&G has sent all initial offers to property owners. Seventeen parcels that are encumbered with NAWSC easement have been inspected by appraiser. All offers have been mailed for the parcels with NAWSC easement. 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.	L&G	95.6%
FC 60006 ~ CLOSING SERVICES		
L&G continues with acquiring parcels with payment to property owners. We have successfully paid and recorded deeds for 30 parcels. To date, 9 additional parcels are in closing pending payment to property owners so that deeds can be recorded.	L&G	45.6%
FC 60030 ~ APPRAISAL SERVICES / SUB		
This task is now complete.	PAS	100%
FC 60040 ~ APPRAISAL REVIEW / SUB		
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 and TxDOT. TxDOT has approved the use of the standard Lump Sum Utility Agreement with the county for this project. NAWSC received bids for inclusion in the SUA agreement on October 25, 2018 and is finalizing the submission to L&G.	L&G	83%

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

Sincerely,

Marisela G. Garcia

FOW Carlos Peralez, P.E.
Project Manager