

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

**INVOICE #: 11328467**  
**INVOICE DATE: 01/31/21**

**BILL TO: 93**  
 Hidalgo County Pct. #2  
 300 W. Hall Acres, Suite G  
 Pharr, TX 78577

**JOB: 161502**  
 Bus 281/SH 107 Roadway Drainag  
 Improvements Project  
 From: Bus 281-W to US 281  
 PO#788634, TX

RECEIVED FEB 03 2021

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of January 2021.						
Work Authorization #2 - PS&E, Signal Design, Geotechnical Testing, Field Surveys and ROW Mapping for Phase II.						
13002-ROW Mapping	20,413.40	6,124.02		6,124.02	30.0	14,289.38
13020-ROW Map/Sub	38,500.00	7,700.00		7,700.00	20.0	30,800.00
15006-Field Surveys	52,491.60	41,993.28		41,993.28	80.0	10,498.32
15060-Dsgn Srvy/SUB	99,783.00	75,803.00		75,803.00	76.0	23,980.00
16004-PS&E Developm	1,474,666.00	1,121,975.04	28,264.44	1,150,239.48	78.0	324,426.52
16006-Plans to TxDot	66,000.00	29,700.00	3,300.00	33,000.00	50.0	33,000.00
16202-Pvmt Mrkings	16,847.45	6,738.98		6,738.98	40.0	10,108.47
16203-Sgnl/Illumin	30,288.30	12,115.32		12,115.32	40.0	18,172.98
16205-Signal Design	56,121.16	22,448.46		22,448.46	40.0	33,672.70
16220-Pvmt Mrkng/SUB	55,152.54	25,704.90		25,704.90	46.6	29,447.64
16230-Sgnl Illum/SUB	81,711.70	9,109.21		9,109.21	11.1	72,602.49
16250-Sgnl Dsgn/SUB	170,878.85	17,999.53		17,999.53	10.5	152,879.32
33001-Geotech Testin	95,000.00	57,000.00	14,250.00	71,250.00	75.0	23,750.00
<b>TOTALS:</b>	<b>2,257,854.00</b>	<b>1,434,411.74</b>	<b>45,814.44</b>	<b>1,480,226.18</b>	<b>65.6</b>	<b>777,627.82</b>

*Raja Padayamani* P.E.  
 PROJECT MANAGER'S SIGNATURE

ORIGINAL CONTRACT SUM \$ 2,257,854.00  
 CHANGE BY CHANGE ORDER \$ 0.00  
 CONTRACT SUM TO DATE \$ 2,257,854.00  
 TOTAL COMPLETED TO DATE \$ 1,480,226.18  
 LESS PREVIOUS INVOICES \$ 1,434,411.74  
 CURRENT PAYMENT DUE \$ 45,814.44

INVOICE RECEIVED BY:  
 Lupita Garza ON 2/3/21  
 GOODS/SERVICES RECEIVED BY:  
 Armando Garza ON 01/01-31/21

PO # 788634  
 1 - 1315-431-00-122-150 -0- 841  
 Req # 381755  
 \$ 45,814.44

PA. 2/4/2021





February 2, 2021

Commissioner Eduardo "Eddie" Cantu  
Attn: Mr. Armando Garza, Chief Administrator  
Hidalgo County Precinct 2  
300 West Hall Acres Rd.  
Pharr, Texas 78589

**RE: SH 107/Bus 281 Intersection & Drainage Improvements (Limits: At Courthouse Square & Outfall) – WA #2 PO#788634 - L&G Project#161502**

Dear Commissioner Cantu:

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 this billing period.

**Work Authorization #2 – PS&E, Signal Design, Geotechnical Testing, Field Surveys and ROW Mapping for Phase II**

		% Complete
<b>FC 13002 ~ ROW MAP</b>		
<b>NO UPDATE:</b> L&G has reviewed the project basemap provided by ROWSS along with the existing ROW files. The existing ROW has been referenced on the on-going Plan and Profile Sheets as contracts are developed with surveyor.	L&G	30%
<b>FC 13020 ~ ROW MAP / SUB</b>		
<b>NO UPDATE:</b> The existing ROW survey for SH 107 and the drainage outfall is complete. The office staff is completing the details and descriptions.	ROWSS	20%
<b>FC 15006 ~ FIELD SURVEYS</b>		
<b>NO UPDATE:</b> L&G continues to review ROWSS's submittals and has provided them with the needed design files to complete their work.	L&G	80%
<b>FC 15060 ~ FIELD SURVEYS / SUB</b>		
<b>NO UPDATE:</b> ROWSS has completed the primary and secondary control and all of the field work. They continue to process all of the field data.	ROWSS	76%
<b>FC 16004 ~ PS&amp;E DEVELOPMENT</b>		
<b>UPDATE:</b> L&G continues work on the plan set and is developing the following plan sheets: Title Sheet, Index of Sheets, Project Layout, Typical Sections, TCP Sequence of Construction, TCP Layouts, P&P's, & Culvert Layouts. L&G received direction from the City of Edinburg on the access of the side streets and will incorporate those parameters into the design. L&G continues to work toward a 60% submittal.	L&G	78%

<b>FC 16006 ~ PLANS SUBMITTED TO TxDOT</b>		
<b>UPDATE:</b> L&G has provided an updated Change Order plan set to TxDOT for review/approval. L&G continues to coordinate the design with TxDOT to avoid utility conflict.	<b>L&amp;G</b>	<b>50%</b>
<b>FC 16202 ~ PAVEMENT MARKINGS</b>		
<b>NO UPDATE:</b> L&G has provided ETSI with all of the roadway files and edge of pavement for their use in the pavement marking details. L&G continues to provide guidance to ETSI on their pavement marking layouts.	<b>L&amp;G</b>	<b>40%</b>
<b>FC 16203 ~ SIGNAL / ILLUMINATION</b>		
<b>NO UPDATE:</b> L&G has provided ETSI with all of the roadway and plan view files for their use in the illumination layouts. L&G continues to provide guidance to ETSI on their illumination layouts.	<b>L&amp;G</b>	<b>40%</b>
<b>FC 16205 ~ SIGNAL DESIGN</b>		
<b>NO UPDATE:</b> L&G has provided ETSI with all of the roadway and intersection files for their use in the signal design. L&G continues to provide guidance to ETSI on their signal layouts.	<b>L&amp;G</b>	<b>40%</b>
<b>FC 16220 ~ PAVEMENT MARKINGS / SUB</b>		
<b>NO UPDATE:</b> ETSI has begun to develop sheets associated with this task	<b>ETSI</b>	<b>46.6%</b>
<b>FC 16230 ~ SIGNAL / ILLUMINATION / SUB</b>		
<b>NO UPDATE:</b> ETSI has completed a field investigation and is developing an Illumination Schematic. ETSI is developing exhibits for different alternatives and comparative cost estimates	<b>ETSI</b>	<b>11.1%</b>
<b>FC 16250 ~ SIGNAL DESIGN</b>		
<b>NO UPDATE:</b> ETSI has is in the process of completing field investigations and has begun to develop sheets associated with this task	<b>ETSI</b>	<b>10.5%</b>
<b>FC 33001 ~ GEOTECHNICAL TESTING</b>		
<b>UPDATE:</b> L&G finalizing analysis of geotechnical testing for pavement design and coordination for design submittal.	<b>L&amp;G</b>	<b>75%</b>

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

Sincerely,

Reza Badiozamani, P.E., CFM  
Project Manager

Project Sponsor: Hidalgo County

**PROJECT DEVELOPMENT SCHEDULE**  
**BUS281/SH107 (CSJ: 0342-01-093)**  
**From BUS281 West to I69C (US281)**  
**Length = 1.36 miles**

TASK AND DESCRIPTION	FIRM	2016	2017	2018	2019	2020												2021												2022				2023				2024			
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
<b>AGREEMENTS</b>																																									
ICA w/ City of Edinburg	L&G																																								
Donation Agreement w/ TxDOT	TxDOT																																								
AFA for Outfall ROW w/ TxDOT	TxDOT																																								
<b>GENERAL</b>																																									
Dev Traffic Impact Analysis Report & Recommendations	L&G																																								
Closure of Business 281 Activities	L&G																																								
TxDOT Accepts TIA and Issues MO	TxDOT																																								
<b>Phase I: Schematic &amp; Environmental</b>																																									
<b>SCHEMATIC</b>																																									
Develop Schematic & TxDOT Approval	L&G																																								
Public Meeting	L&G																																								
<b>ENVIRONMENTAL</b>																																									
FONSI	TxDOT																																								
<b>Phase II: PS&amp;E and ROW Acquisition Services</b>																																									
<b>PS&amp;E</b>																																									
Design Survey & SUE	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																																								
100% PS&E Completion	L&G																																								
TxDOT Plan Set Approval	TxDOT																																								
<b>ROW Map</b>																																									
Prepare ROW Map (Corner Clips & Outfall)	L&G																																								
TxDOT Review & ROWIS Programming	TxDOT																																								
<b>ROW Acquisition (Est. 12 Parcels)</b>																																									
Release of ROW Acquisition (by TxDOT)	TxDOT																																								
Project Administration	L&G																																								
Title Commitments	L&G																																								
Appraisal Reports	L&G																																								
Appraisal Review Reports	L&G																																								
Compensable Utility Oversight	L&G																																								
Acquisition Negotiation Offers	L&G																																								
Title Curative Process	L&G																																								
Payments for Parcels	L&G																																								
L&G Condemnation Support Process	L&G																																								
Eminent Domain Proceedings by County	County																																								
Title Insurance Policies	L&G																																								
<b>Phase III: Construction</b>																																									
Receive Bids for Construction*	TxDOT																																								
Construction Duration	TxDOT																																								

\* Note: Schedule assumes project will be moved from FY2021 to FY2022 (FY2021 - 2024 TIP)  
 REVISED BY ROLI QUINTANILLA 05/18/20

■ L&G FUNCTION  
■ TXDOT FUNCTION  
■ HIDALGO COUNTY FUNCTION

Hidalgo County requested from RGVMPD to move construction funds from FY 2021 to FY 2023



# Purchase Order COUNTY OF HIDALGO

PO# 788634

DATE: 11/02/18

PAGE NO: 1 of 1

PO TYPE:

VENDOR: 280046

REQ: 00381755

PHONE: (956) 565-9813

Fax: (956) 565-6746

EMAIL:

SHIP TO: HIDALGO CO. PCT 2

300 WEST HALL ACRES, SUITE G  
PHARR TX 78577

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

CONTACT: ARMANDO GARZA

(956) 787-1891

SITE: COMMISSIONER, PRECINCT 2

CONTRACT NO: C-16-199-07-19

**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		
		WORK AUTHORIZATION APPROVED BY CC 8/21/18 AI#66211		
		C-16-199-07-19 EXPIRES		
		BUS 281/SH107 ROAD AND DRAINAGE IMPROVEMENT PROJECT		
1.00	LOT	CC WORK AUTHORIZATION NO 2 TO PROVIDE ENGINEERING SERVICES REQUIRED FOR THE PREPARATION OF THE PS&E, FIELD SURVEYS, AND ROW MAP ASSOCIATED WITH THE BUS 281/ SH 107 ROADWAY AND DRAINAGE IMPROVEMENT PROJECT	2,257,854.0000	2,257,854.00
		<b>TOTAL:</b>		2,257,854.00
		***** For Hidalgo County use only		
		1353-431-00-122-150-0-841	<del>2,257,854.00</del>	1,047,247.49
		0-1315-431-00-122-150-0-841		1,210,606.51

**SCANNED**

11/7/18

2018 NOV 7 AM 8 58

HIDALGO COUNTY  
PRECINCT NO. 2

Authorized by:

*Martha Salazar*

With Case No. 100-1000000  
COUNTY OF HIDALGO

12.00, 012.1  
1000000

0-1010-101-00-100-1000000

1000000