



January 4, 2016

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

RECEIVED  
JAN 05 2016  
BY: *J. Lucio*

**RE: Overpass at the Intersection of SH 107 and FM 2128 (Schunior Road) - Work Authorization No. 1 PO#735290 - L&G Project#151601**

Dear Commissioner Palacios:

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 December 2015.

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

### Work Authorization #1

FC 10201 ~ PRELIMINARY DESIGN VALUES		% Complete
UPDATED: L&G has begun developing the design values required to determine the best solutions for the overpass options.	L&G	20%
FC 10202 ~ PRELIMINARY TRAFFIC EVALUATIONS & TRENDS		
UPDATED: L&G has begun analyzing the traffic patterns and trends in order to better develop the best route alternatives for the overpass options.	L&G	20%
FC 10203 ~ UNCONTROLLED MAPPING (w/CONTOURS & GIS INFO)		
UPDATED: L&G has begun developing the uncontrolled mapping by utilizing the GIS database and 1' contours for all of the different alternatives that are being studied.	L&G	20%
FC 10204 ~ PRELIMINARY ROUTE LOCATIONS ON UNCONTROLLED MAPPING		
UPDATED: L&G has begun merging the three route alternatives on the uncontrolled mapping background and reference files.	L&G	20%
FC 10205 ~ PRELIMINARY ROW REQUIREMENTS		
UPDATED: L&G has begun determining the ROW requirements based on the different alternatives being studied.	L&G	20%
FC 10206 ~ PRELIMINARY COST ESTIMATES		
UPDATED: L&G has begun developing the preliminary cost estimates based on the TxDOT low bid costs for construction of the different alternatives being studied.	L&G	20%
FC 10207 ~ PRELIMINARY HYDROLOGIC MAP		
UPDATED: L&G has begun developing the preliminary hydrologic map utilizing the 1' contours and GIS data. L&G is determining the contributing watershed area and impacts the different alternatives will have to the outfalls.	L&G	20%

<b>FC 10208 ~ PRELIMINARY ENVIRONMENTAL ANALYSIS (OR FATAL FLAWS)</b>		
<b>UPDATED:</b> L&G has begun researching the different options for any fatal flaws that may be present. We are researching all of the relevant databases (historical, archaeological, etc...) for any impacts that may affect any of the proposed locations.	<b>L&amp;G</b>	<b>20%</b>
<b>FC 10209 ~ PROJECT FACT SHEET WITH ESTIMATED LOCAL COST vs TOTAL PROJECT COST</b>		
<b>UPDATED:</b> L&G has developed the project fact sheet calculating the costs associated with the options and determining the needed local participation with respect to the total project cost. We will continue to update the fact sheet as we refine the conceptual layouts.	<b>L&amp;G</b>	<b>50%</b>
<b>FC 10211 ~ MEETINGS, COORDINATION &amp; SUPPORT FOR PROJECT DEVELOPMENT</b>		
<b>UPDATED:</b> L&G has held numerous meetings with TxDOT and Precinct #4 staff to discuss the project viability, possible funding and coordination with the current SH 107 widening project TxDOT is developing.	<b>L&amp;G</b>	<b>20%</b>
<b>FC 10212 ~ DEVELOP 3 CONCEPTUAL PRELIMINARY SCHEMATICS (PLAN LAYOUT) WITH LANE CONFIGURATION</b>		
<b>UPDATED:</b> L&G has begun developing three conceptual layouts showing bridge locations with lane configurations and tie-ins to the current roadway systems.	<b>L&amp;G</b>	<b>20%</b>
<b>FC 10213 ~ L&amp;G TO FURNISH 24 HR. TRAFFIC COUNTS AT RICHARDSON RD, TOWER RD, SH 107 (7 LOCATIONS)</b>		
<b>UPDATED:</b> L&G has conducted field visits to determine the most advantageous locations to set up the traffic counter tubes to record the 24 hours traffic counts.	<b>L&amp;G</b>	<b>20%</b>
<b>FC 10214 ~ L&amp;G TO FURNISH PEAK PERIOD TURNING MOVEMENT TRAFFIC COUNTS AT RICHARDSON RD, TOWER RD, SH 107, 9<sup>TH</sup> STREET TEX-MEX Rd AND JOE DINN Rd.</b>		
<b>UPDATED:</b> L&G has conducted field visits to determine the most advantageous locations to set up the traffic counter tubes to record the peak period turning movements.	<b>L&amp;G</b>	<b>20%</b>
<b>FC 10215 ~ COLLECT AND REVIEW ACCIDENT RECORDS FOR THE PAST 4 YEARS</b>		
<b>UPDATED:</b> L&G has contacted TxDOT and the Texas Department of Public Safety and has received the reportable data collected from the Texas Peace Officer's Crash Reports (CR-3). In addition we have contacted the Hidalgo County Sheriff's Office and requested the accident records for this location.	<b>L&amp;G</b>	<b>20%</b>
<b>FC 10260 ~ LEVEL OF SERVICE ANALYSIS</b>		
<b>NO UPDATE:</b> This task has not started.	<b>ETSI</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,



Robert Macheska, P.E., CFM  
Project Manager



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

**INVOICE #: 11325440**  
**INVOICE DATE: 12/31/15**

**BILL TO: 84**

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

**JOB: 151601**

Overpass at SH 107 Schunior  
PO#735290

<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 2015.						
10201-PreIm Dgn Val	7,676.84		1,535.37 ✓	1,535.37	20.0 ✓	6,141.47
10202-PreI Traff Std	7,414.10		1,482.82 ✓	1,482.82	20.0 ✓	5,931.28
10203-Uncon. Mapping	6,788.96		1,357.79 ✓	1,357.79	20.0 ✓	5,431.17
10204-PreI Loc Stds	14,375.20		2,875.04 ✓	2,875.04	20.0 ✓	11,500.16
10205-PreI ROW Requir	6,474.88		1,294.98 ✓	1,294.98	20.0 ✓	5,179.90
10206-PreI Cost Estm	3,829.36		765.87 ✓	765.87	20.0 ✓	3,063.49
10207-PreI Hydro Map	5,722.90		1,144.58 ✓	1,144.58	20.0 ✓	4,578.32
10208-PreI Env Anal	13,297.06		2,659.41 ✓	2,659.41	20.0 ✓	10,637.65
10209-Proj Fact Shee	11,403.52		5,701.76 ✓	5,701.76	50.0 ✓	5,701.76
10211-Meet/Cord Supp	22,106.40		4,421.28 ✓	4,421.28	20.0 ✓	17,685.12
10212-Dvlp Concep Sc	56,655.20		11,331.04 ✓	11,331.04	20.0 ✓	45,324.16
10213-24hr Traffic C	15,051.68		3,010.34 ✓	3,010.34	20.0 ✓	12,041.34
10214-Peak Period Mv	15,051.68		3,010.34 ✓	3,010.34	20.0 ✓	12,041.34
10215-Collect Record	4,083.04		816.61 ✓	816.61	20.0 ✓	3,266.43
10260-Level Srv Anal	40,796.09				0.0 ✓	40,796.09
<b>TOTALS:</b>	<b>230,726.91</b>	<b>0.00</b>	<b>41,407.23</b>	<b>41,407.23</b>	<b>17.9</b>	<b>189,319.68 ✓</b>

ORIGINAL CONTRACT SUM \$ 230,726.91  
CHANGE BY CHANGE ORDER \$ 0.00  
CONTRACT SUM TO DATE \$ 230,726.91  
TOTAL COMPLETED TO DATE \$ 41,407.23  
LESS PREVIOUS INVOICES \$ 0.00

PROJECT MANAGER'S SIGNATURE



CURRENT PAYMENT DUE \$ 41,407.23



# Purchase Order COUNTY OF HIDALGO

PO# 735290

DATE: 12/03/15

PAGE NO: 1 Of 1

PO TYPE:

VENDOR: 280046

REQ: 00288537

PHONE: (956) 565-9813

Fax: (956) 565-6746

EMAIL:

SHIP TO: HIDALGO CO. PCT 4

1051 N. DOOLITTLE  
EDINBURG TX 78542

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

CONTACT:

SITE: COMMISSIONER, PRECINCT 4

CONTRACT NO: C-15-390-11-10

SPECIAL INSTRUCTIONS: Pct. 4 # 1280

### 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-15-390-11-10 CC approved 11/10/15 Term: 5 Yrs commencing 11/10/2015 Exp 11/09/2020 For: Overpass at the Intersection of SH 107 and FM 2128 (Schunior Road)		
1.00	LOT	CC WA #1- Engineering Services required for the preparation of a Level of Service Analysis for the Overpass at the Intersection of SH 107 and FM 2128 (Schunior Road).	230,726.91	230,726.91
		TOTAL:		230,726.91
		***** For Hidalgo County use only		
		5-1347-431-00-124-170-0-721	230,726.91	

Authorized by: \_\_\_\_\_

*Martha Salazar*

*401/15/15  
3/10/15*



County of Hidalgo Precinct 4  
Joseph Palacios Commissioner  
1051 N. Doolittle Road  
Edinburg Texas 78542-0337

## NOTICE TO PROCEED

TO: L&G Consulting Engineers, Inc.  
Attn: Jacinto Garza, President  
2100 W. Exp. 83  
Mercedes, TX 78570

PROJECT NAME: Hidalgo County Precinct No. 4 –Overpass at the Intersection of SH 107 and FM 2128  
CONTRACT NO.: C-15-390-11-10

PO#: 735290

TOTAL AWARDED PROJECT AMOUNT: \$230,726.91

DATE: December 04, 2015

Gentlemen:

Let this serve as a formal notice to proceed for the scope of services as outlined in Work Authorization No. 1 Engineering Services required for the preparation of a Level of Service Analysis for the Overpass at the Intersection of SH 107 and FM 2128.

This Work Authorization No. 1 was approved by Commissioner's Court on November 10, 2015 agenda item #AI-52056.

According to the terms of the contract, the work authorization shall terminate on November 9, 2020, as identified on Exhibit "C"- Work Schedule. Therefore, you are hereby notified to Commence Work by **December 04, 2015.**

### ACCEPTANCE OF NOTICE

Receipt of the above NOTICE TO PROCEED is HEREBY ACKNOWLEDGED BY:

Engineer: L&G Consulting Engineers, Inc.

Signature: \_\_\_\_\_

Name and Title: Robert Macheska, P.E., CFM, Project Manager