

L&G Engineering

Transportation Consultants

March 1, 2016

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

RECEIVED
MAR 1 2016
BY: *J. Palacios*

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 February 2016.

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

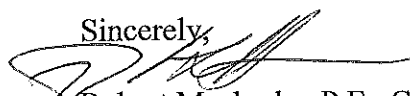
Work Authorization #1

FC 10201 ~ PRELIMINARY DESIGN VALUES		% Complete
UPDATED: L&G has collected all of the traffic data and has used this data to develop the design values required to determine the best solutions for the overpass options. This task is complete.	L&G	100%
FC 10202 ~ PRELIMINARY TRAFFIC EVALUATIONS & TRENDS		
UPDATED: L&G has collected all of the traffic counts and turning movements and analyzed the data. This task is complete.	L&G	100%
FC 10203 ~ UNCONTROLLED MAPPING (w/CONTOURS & GIS INFO)		
UPDATED: L&G has finalized the uncontrolled mapping by utilizing our GIS database and 1' contours for all of the different alternatives that are being studied based on the data that was collected. This task is complete.	L&G	100%
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 and based on the results of the level of service analysis will finalize the mapping.	L&G	60%
FC 10205 ~ PRELIMINARY ROW REQUIREMENTS		
UPDATED: Based on the data being analyzed and resulting alternative routes, L&G continues to determine the ROW requirements based on the different alternatives being studied.	L&G	60%
FC 10206 ~ PRELIMINARY COST ESTIMATES		
UPDATED: L&G has developed the preliminary cost estimates based on the TxDOT low bid costs (both rolling three month average and 12 month Pharr District low bid) for construction of the different alternatives being studied. These cost estimates will be finalized with the level of service report.	L&G	60%

FC 10207 ~ PRELIMINARY HYDROLOGIC MAP		
UPDATED: L&G continues to develop 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	60%
FC 10208 ~ PRELIMINARY ENVIRONMENTAL ANALYSIS (OR FATAL FLAWS)		
UPDATED: L&G continues to research 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.	L&G	60%
FC 10209 ~ PROJECT FACT SHEET WITH ESTIMATED LOCAL COST vs TOTAL PROJECT COST		
NO UPDATE: L&G has developed a preliminary fact sheet based on the estimated funding sources and preliminary engineering values. The fact sheet will be finalized with the results of the level of service report.	L&G	60%
FC 10211 ~ MEETINGS, COORDINATION & SUPPORT FOR PROJECT DEVELOPMENT		
UPDATED: L&G & ETSI met with the HCMPO to discuss the traffic modeling in the area & the MPO has provided all of the relevant data for the project. L&G has set up a meeting with TxDOT & Pct. #4 to discuss this project and the plan moving forward.	L&G	60%
FC 10212 ~ DEVELOP 3 CONCEPTUAL PRELIMINARY SCHEMATICS (PLAN LAYOUT) WITH LANE CONFIGURATION		
UPDATED: L&G has developed preliminary layouts and is now waiting for the results of the level of service analysis to finalize.	L&G	60%
FC 10213 ~ L&G TO FURNISH 24 HR. TRAFFIC COUNTS AT RICHARDSON RD, TOWER RD, SH 107 (7 LOCATIONS)		
UPDATED: L&G has performed traffic counts at all 12 locations. This task is complete.	L&G	100%
FC 10214 ~ L&G TO FURNISH PEAK PERIOD TURNING MOVEMENT TRAFFIC COUNTS AT RICHARDSON RD, TOWER RD, SH 107, 9TH STREET TEX-MEX Rd AND JOE DINN Rd.		
UPDATED: L&G has performed traffic turning movement counts at all 12 locations. This task is complete.	L&G	100%
FC 10215 ~ COLLECT AND REVIEW ACCIDENT RECORDS FOR THE PAST 4 YEARS		
NO UPDATE: L&G has contacted the constable's office and is waiting for a response regarding the recorded accident data.	L&G	60%
FC 10260 ~ LEVEL OF SERVICE ANALYSIS		
UPDATED: ETSI has finalized all of their field investigations, has completed the collection & assessment of information and continues work on the traffic analysis needed for the Level of Service Study.	ETSI	40.9%

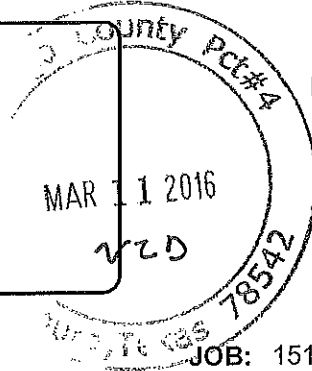
Should you have any questions or require additional information, please do not hesitate to give me a call at (956) 585-1909.

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 #: 11325500
INVOICE DATE: 02/29/16

BILL TO: 84

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

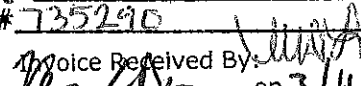
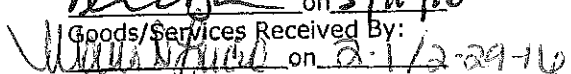
JOB: 151601

Overpass at SH 107 Schunior
 PO#735290

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of February 2016.						
10201-Prelim Dgn Val	7,676.84	3,838.42	3,838.42	7,676.84	100.0	
10202-Prel Traff Std	7,414.10	4,448.46	2,965.64	7,414.10	100.0	
10203-Uncon. Mapping	6,788.96	3,394.48	3,394.48	6,788.96	100.0	
10204-Prel Loc Stds	14,375.20	7,187.60	1,437.52	8,625.12	60.0	5,750.08
10205-Prel ROW Requir	6,474.88	3,237.44	647.49	3,884.93	60.0	2,589.95
10206-Prel Cost Estm	3,829.36	1,914.68	382.94	2,297.62	60.0	1,531.74
10207-Prel Hydro Map	5,722.90	2,861.45	572.29	3,433.74	60.0	2,289.16
10208-Prel Env Anal	13,297.06	5,318.82	2,659.42	7,978.24	60.0	5,318.82
10209-Proj Fact Shee	11,403.52	6,842.11		6,842.11	60.0	4,561.41
10211-Meet/Cord Supp	22,106.40	11,053.20	2,210.64	13,263.84	60.0	8,842.56
10212-Dvlp Concep Sc	56,655.20	28,327.60	5,665.52	33,993.12	60.0	22,662.08
10213-24hr Traffic C	15,051.68	9,031.01	6,020.67	15,051.68	100.0	
10214-Peak Period Mv	15,051.68	9,031.01	6,020.67	15,051.68	100.0	
10215-Collect Record	4,083.04	2,449.82		2,449.82	60.0	1,633.22
10260-Level Srv Anal	40,796.09	12,470.24	4,200.41	16,670.65	40.9	24,125.44
TOTALS:	230,726.91	111,406.34	40,016.11	151,422.45	65.6	79,304.46

ORIGINAL CONTRACT SUM	\$	230,726.91
CHANGE BY CHANGE ORDER	\$	0.00
CONTRACT SUM TO DATE	\$	230,726.91
TOTAL COMPLETED TO DATE	\$	151,422.45
LESS PREVIOUS INVOICES	\$	111,406.34
CURRENT PAYMENT DUE	\$	40,016.11


 PROJECT MANAGER'S SIGNATURE

U-1347-431-00-124-170-0-721
PCT# 1280
REQ# 288537
PO# 735290
 Invoice Received By:  on 3/11/16
 Goods/Services Received By:  on 2/1/2-29-16

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

INVOICE

5300 Hollister, Suite 220
Houston, Texas 77040
Tel. (713) 956-9601
Fax (713) 956-9667
TAX ID: 76-0583436



INVOICE NUMBER: 2016-1-2
INVOICE DATE: 02/29/2016
FOR SERVICES PROVIDED FROM: 2/1/2016
TO: 2/29/2016

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

PROJECT NAME:
SH 107 at Richardson Rd/Schunior Rd
Traffic Operational Analysis Study
Hidalgo County, Texas

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMOUNT DUE
1	Collection and Assessment of Information	100.00	\$5,108.98	\$5,108.98
2	Field Investigation	100.00	\$1,635.47	\$1,635.47
3	Traffic Analysis	25.00	\$19,724.80	\$4,931.20
4	Accident Analysis	0.00	\$3,235.96	\$0.00
5	Report Preparation	0.00	\$5,540.88	\$0.00
	EXPENSES	90.00	\$5,550.00	\$4,995.00
	Total	40.86%	\$40,796.09	\$16,670.65
Amount Invoiced Previously				\$12,470.24
Total Due this Invoice				\$4,200.41

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

SH 107 AT RICHARDSON RD/SCHUNIOR RD (FM 2128)
TRAFFIC OPERATIONS ANALYSIS STUDY
PROGRESS REPORT AS OF FEBRUARY 29, 2016

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

TASK I – Collection and Assessment of Information (100% Complete)

- Completed

TASK II – Field Investigation (100% Complete)

- Completed

TASK III – Traffic Analysis (25% Complete)

- Work in Progress

TASK IV – Accident Analysis (0% Complete)

- No Action

TASK V – Report Preparation (0% Complete)

- No Action

PENDING ISSUES:

None



Purchase Order

COUNTY OF HIDALGO

PO# 735290

DATE: 12/03/15

PAGE NO: 1 Of 1

PO TYPE:

VENDOR: 280046

REQ: 00288537

PHONE: (956) 565-9913

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 pay 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 CG 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	CG 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 P. Salazar

12/03/15
210411