



February 1, 2016

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

RECEIVED
FEB 01 2016

BY: *R. Luvio*

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 January 2016.

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

Work Authorization #1

FC 10201 ~ PRELIMINARY DESIGN VALUES		% Complete
UPDATED: L&G continues to develop the design values, based on the data we are collecting, required to determine the best solutions for the overpass options.	L&G	50%
FC 10202 ~ PRELIMINARY TRAFFIC EVALUATIONS & TRENDS		
UPDATED: L&G has collected traffic counts and turning movements at 8 of the 12 locations and has begun analyzing the data.	L&G	60%
FC 10203 ~ UNCONTROLLED MAPPING (w/CONTOURS & GIS INFO)		
UPDATED: L&G continues to develop the uncontrolled mapping by utilizing the GIS database and 1' contours for all of the different alternatives that are being studied based on the data that continues to be collected.	L&G	50%
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 data collected will finalize the mapping.	L&G	50%
FC 10205 ~ PRELIMINARY ROW REQUIREMENTS		
UPDATED: Based on the data being analyzed and resulting alternative routes, L&G has begun determining the ROW requirements based on the different alternatives being studied.	L&G	50%
FC 10206 ~ PRELIMINARY COST ESTIMATES		
UPDATED: L&G has begun developing 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.	L&G	50%

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	50%
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	40%
FC 10209 ~ PROJECT FACT SHEET WITH ESTIMATED LOCAL COST vs TOTAL PROJECT COST		
UPDATED: L&G continues to update the project fact sheet, calculating the costs associated with the options and determining the needed local participation with respect to the total project cost, as we refine the conceptual layouts based on the traffic data being collected.	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 HCMPO advised L&G that they can provide the needed models for the area.	L&G	50%
FC 10212 ~ DEVELOP 3 CONCEPTUAL PRELIMINARY SCHEMATICS (PLAN LAYOUT) WITH LANE CONFIGURATION		
UPDATED: L&G continues to develop three conceptual layouts showing bridge locations with lane configurations and tie-ins to the current roadway systems.	L&G	50%
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 8 of the 12 locations needed for the project. The other 4 locations are currently being collected.	L&G	60%
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 conducted the turning movement counts at 8 of the 12 locations needed for the project. The other 4 locations are currently being collected.	L&G	60%
FC 10215 ~ COLLECT AND REVIEW ACCIDENT RECORDS FOR THE PAST 4 YEARS		
UPDATED: 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.	L&G	60%
FC 10260 ~ LEVEL OF SERVICE ANALYSIS		
NO UPDATE: ETSI has finalized all of their field investigations, has completed the collection & assessment of information and has begun the traffic analysis needed for the Level of Service Study.	ETSI	30.6%

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 #: 11325468
INVOICE DATE: 01/31/16

BILL TO: 84

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

FEB 11 2016

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 January 2016.						
10201-PreIim Dgn Val	7,676.84 ✓	1,535.37 ✓	2,303.05 ✓	3,838.42	50.0	3,838.42
10202-PreI Traff Std	7,414.10 ✓	1,482.82 ✓	2,965.64 ✓	4,448.46	60.0	2,965.64
10203-Uncon. Mapping	6,788.96 ✓	1,357.79 ✓	2,036.69 ✓	3,394.48	50.0	3,394.48
10204-PreI Loc Stds	14,375.20 ✓	2,875.04 ✓	4,312.56 ✓	7,187.60	50.0	7,187.60
10205-PreI ROW Requir	6,474.88 ✓	1,294.98 ✓	1,942.46 ✓	3,237.44	50.0	3,237.44
10206-PreI Cost Estm	3,829.36 ✓	765.87 ✓	1,148.81 ✓	1,914.68	50.0	1,914.68
10207-PreI Hydro Map	5,722.90 ✓	1,144.58 ✓	1,716.87 ✓	2,861.45	50.0	2,861.45
10208-PreI Env Anal	13,297.06 ✓	2,659.41 ✓	2,659.41 ✓	5,318.82	40.0	7,978.24
10209-Proj Fact Shee	11,403.52 ✓	5,701.76 ✓	1,140.35 ✓	6,842.11	60.0	4,561.41
10211-Meet/Cord Supp	22,106.40 ✓	4,421.28 ✓	6,631.92 ✓	11,053.20	50.0	11,053.20
10212-Dvlp Concep Sc	56,655.20 ✓	11,331.04 ✓	16,996.56 ✓	28,327.60	50.0	28,327.60
10213-24hr Traffic C	15,051.68 ✓	3,010.34 ✓	6,020.67 ✓	9,031.01	60.0	6,020.67
10214-Peak Period Mv	15,051.68 ✓	3,010.34 ✓	6,020.67 ✓	9,031.01	60.0	6,020.67
10215-Collect Record	4,083.04 ✓	816.61 ✓	1,633.21 ✓	2,449.82	60.0	1,633.22
10260-Level Srv Anal	40,796.09 ✓		12,470.24 ✓	12,470.24	30.6	28,325.85
TOTALS:	230,726.91 ✓	41,407.23 ✓	69,999.11 ✓	111,406.34	48.3	119,320.57 ✓

ORIGINAL CONTRACT SUM \$ 230,726.91
 CHANGE BY CHANGE ORDER \$ 0.00
 CONTRACT SUM TO DATE \$ 230,726.91
 TOTAL COMPLETED TO DATE \$ 111,406.34
 LESS PREVIOUS INVOICES \$ 41,407.23


 PROJECT MANAGER'S SIGNATURE

CURRENT PAYMENT DUE \$ 69,999.11

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

5300 Hollister Rd., Suite 220

Houston, Texas 77040

Tel. (713) 956-9601

Fax: (713) 956-9667

January 31, 2016

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

Reference: Invoice no. 2016-1-1 – SH 107 at Richardson Rd/Schunior Rd (FM 2128) -
Traffic Operations Analysis, Hidalgo County, Texas

Dear Jacinto:

Attached for your handling is invoice no. 2016-1-1, for services provided in conjunction with the above referenced project. It reflects our effort during the month of January 2016.

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



INVOICE NUMBER: 2016-1-1
INVOICE DATE: 01/31/2016
FOR SERVICES PROVIDED FROM: 1/1/2016
TO: 1/31/2016

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	95.00	\$5,108.98	\$4,853.53
2	Field Investigation	100.00	\$1,635.47	\$1,635.47
3	Traffic Analysis	5.00	\$19,724.80	\$986.24
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	30.57%	\$40,796.09	\$12,470.24
Amount Invoiced Previously				\$0.00
Total Due this Invoice				\$12,470.24

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 JANUARY 31, 2016

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

TASK I – Collection and Assessment of Information (95% Complete)

- Substantially Completed

TASK II – Field Investigation (100% Complete)

- Completed

TASK III – Traffic Analysis (5% Complete)

- Begin work

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) 565-9813

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 S. Salazar

12/10/15
2/10/16