

L&G Engineering

Transportation Consultants

April 1, 2015

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

RECEIVED
APR 02 2015
BY: J. Palacios

**RE: 10th Street Extension - Work Authorization No. 2 - Limits: SH 107 to FM 1925
PO#700265 - L&G Project#120902**

Dear Commissioner Palacios:

As per our contract, Section 1.6, Request for Payment, 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 March 2015. Attached are the following:

- L & G's Invoice (and sub consultant invoice, if applicable)
- Exhibit C – Work Schedule

The following is a narrative of the progress report for this work authorization.

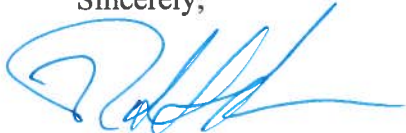
Work Authorization#2

		% Complete
FC 15001 – FIELD SURVEYS		
NO UPDATE: This task is complete.	L&G	100%
FC 15010 – FIELD SURVEYS - SUB		
NO UPDATE: This task is complete.	DLS	100%
FC 16001 – ROADWAY DESIGN		
UPDATED: L&G has prepared an electronic 90% PS&E submittal to TxDOT, including all applicable roadway features. We will now await any comments that they may have before we proceed further.	L&G	90%
FC 16002 – ROADWAY DESIGN – OUTFALL		
UPDATED: L&G has prepared an electronic 90% PS&E submittal to TxDOT, including the outfall design. We will now await any comments that they may have before we proceed further.	L&G	90%
FC 16205 – SIGNAL DESIGN		
UPDATED: L&G has reviewed ETSI's 90% signal design plans and has prepared an electronic 90% PS&E submittal to TxDOT, including the applicable signal design sheets. We will now await any comments that they may have before we proceed further.	L&G	90%
FC 16250 – SIGNAL DESIGN – SUB		
UPDATED: L&G has prepared an electronic 90% PS&E submittal to TxDOT, including the signal design. We will now await any comments that they may have before we proceed further.	ETSI	94.8%

FC 16308 – PERMITTED UTILITIES		
UPDATED: L&G has prepared an electronic 90% PS&E submittal to TxDOT, including the identification of all permitted utilities. We will now await any comments that they may have before we proceed further.	L&G	90%

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

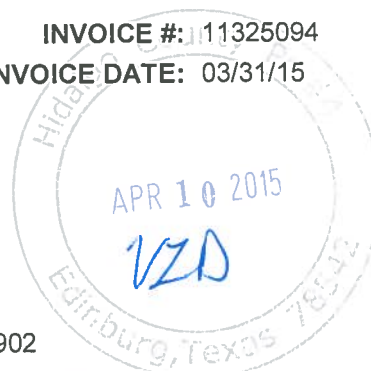
Sincerely,



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 #: 11325094
INVOICE DATE: 03/31/15



BILL TO: 84

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

JOB: 120902

10th Street Extension Project
 WA#2 PO#700265
 C-12-126-10-16

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of March 2015.						
15001-Field Survey	45,001.00	45,001.00		45,001.00	100.0	
15010-Field Srvy/Sub	80,000.00	80,000.00		80,000.00	100.0	
16001-Rdwy Dsgn	799,217.00	703,310.96	15,984.34	719,295.30	90.0	79,921.70
16002-Rdwy Dsgn-Outf	48,000.00	42,240.00	960.00	43,200.00	90.0	4,800.00
16205-Sign,Marki,Dsg	59,721.00	38,818.65	14,930.25	53,748.90	90.0	5,972.10
16250-Sigl Dsgn-Sub	60,281.00	40,004.98	17,163.52	57,168.50	94.8	3,112.50
16308-Permted Utilit	95,000.00	83,600.00	1,900.00	85,500.00	90.0	9,500.00
TOTALS:	1,187,220.00	1,032,975.59	50,938.11	1,083,913.70	91.3	103,306.30

ORIGINAL CONTRACT SUM \$ 1,187,220.00
 CHANGE BY CHANGE ORDER \$ 0.00
 CONTRACT SUM TO DATE \$ 1,187,220.00
 TOTAL COMPLETED TO DATE \$ 1,083,913.70
 LESS PREVIOUS INVOICES \$ 1,032,975.59


 PROJECT MANAGER'S SIGNATURE

CURRENT PAYMENT DUE \$ 50,938.11

m

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

INVOICE

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

APPROVED
 By Robert at 1:27 pm, Mar 25, 2015

INVOICE NUMBER: 2013-9-4
 INVOICE DATE: 03/31/2015
 FOR SERVICES PROVIDED FROM: 05/01/2014
 TO: 03/31/2015

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

PROJECT NAME:
 10th STREET:
 FROM SH 107 TO FM 1925
 SIGNAL WARRANTS, SIGNAL DESIGN

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMOUNT INVOICED TO DATE	PREVIOUSLY INVOICED AMOUNT	AMOUNT DUE THIS INVOICE
INVOICE SUMMARY	CATEGORY A - TRAFFIC SIGNAL DESIGN	90.00%	\$31,125.00	\$28,012.50	\$10,848.98	\$17,163.52
	CATEGORY B - TRAFFIC SIGNAL WARRANTS	100.00%	\$29,156.00	\$29,156.00	\$29,156.00	\$0.00
	TOTAL DUE	94.84%	\$60,281.00	\$57,168.50	\$40,004.98	\$17,163.52

TOTAL DUE THIS INVOICE: _____ **\$17,163.52**

SHEET 1 OF 3

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

543
 120902
 16250

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

INVOICE

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

INVOICE NUMBER: 2013-9-4
 INVOICE DATE: 03/31/2015
 FOR SERVICES PROVIDED FROM: 05/01/2014
 TO: 03/31/2015

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

PROJECT NAME: WA #6
10th STREET:
 FROM SH 107 TO FM 1925
 SIGNAL WARRANTS, SIGNAL DESIGN

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMNT INVOICED
<u>CATEGORY A - TRAFFIC SIGNAL DESIGN</u>				
A.1	GENERAL NOTES	90.00	\$334.22	\$300.80
A.2	BASIS OF ESTIMATE	90.00	\$1,763.60	\$1,587.24
A.3	CONDITION DIAGRAM	90.00	\$2,620.44	\$2,358.40
A.4	PROPOSED SIGNAL LAYOUTS	90.00	\$9,919.46	\$8,927.51
A.5	SIGNAL PHASING, TIMING	90.00	\$1,116.05	\$1,004.45
A.6	ELECTRICAL SCHEDULES	90.00	\$3,264.64	\$2,938.18
A.7	INTERSECTION MARKINGS, CURB CHAIR RAMPS	90.00	\$1,763.60	\$1,587.24
A.8	STANDARD SHEETS LIST	90.00	\$453.58	\$408.22
A.9	SPECIFICATIONS	90.00	\$1,832.24	\$1,649.02
A.10	COORDINATION AND MEETINGS	90.00	\$1,324.94	\$1,192.45
A.11	TEMPORARY TRAFFIC SIGNALS	90.00	\$6,147.28	\$5,532.55
	<u>EXPENSES</u>	90.00	584.95	\$526.46
	SUBTOTAL	90.00%	\$31,125.00	\$28,012.50

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

INVOICE

5300 Hollister Road, Suite 220

Houston, Texas 77040

Tel. (713) 956-9601

Fax (713) 956-9667

TAX ID: 76-0583436

INVOICE NUMBER: 2013-9-4

INVOICE DATE: 03/31/2015

FOR SERVICES PROVIDED FROM: 05/01/2014

TO: 03/31/2015

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

PROJECT NAME: WA #
 10th STREET:
 FROM SH 107 TO FM 1925
 SIGNAL WARRANTS, SIGNAL DESIGN

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMNT INVOICED
	<u>CATEGORY B - TRAFFIC SIGNAL WARRANTS STUDIES</u>			
B.1	FIELD INVESTIGATION - DATA COLLECTION'	100.00	\$1,169.82	\$1,169.82
B.2	ASSESSMENT OF DATA	100.00	\$1,856.12	\$1,856.12
B.3	ACCIDENT ANALYSIS	100.00	\$1,611.42	\$1,611.42
B.4	COLLISION DIAGRAMS	100.00	\$1,969.52	\$1,969.52
B.5	EXHIBITS	100.00	\$3,431.78	\$3,431.78
B.6	WARRANT ANALYSIS	100.00	\$3,885.60	\$3,885.60
B.7	PHOTO ALBUM	100.00	\$1,050.48	\$1,050.48
B.8	RECOMMENDATIONS	100.00	\$1,136.94	\$1,136.94
B.9	WARRANT STUDY REPORT	100.00	\$4,529.86	\$4,529.86
	<u>EXPENSES (COLLECT TRAFFIC COUNTS)</u>	100.00	8,000.00	\$8,000.00
	<u>EXPENSES (PRINTS, TRAVEL, DELIVERIES)</u>	100.00	514.46	\$514.46
	SUBTOTAL	100.00%	\$29,156.00	\$29,156.00

10TH STREET: FROM SH 107 TO FM 1925
TRAFFIC SIGNAL WARRANT STUDIES
PROGRESS REPORT AS OF MARCH 31, 2015

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

CATEGORY A – SIGNAL DESIGN

TASK A.1 – General Notes (90% Complete)

- Completed

TASK A.2 – Basis of Estimate (90% Complete)

- Completed

TASK A.3 – Condition Diagram (90% Complete)

- Completed

TASK A.4 – Proposed Signal Layouts (90% Complete)

- Completed

TASK A.5 – Signal Phasing and Timing (90% Complete)

- Completed

TASK A.6 – Electrical Schedules (90% Complete)

- Completed

TASK A.7 – Intersection Signing, Pavement Markings and Curb Ramps (90% Complete)

- Completed

TASK A.8 – Standard Sheets List (90% complete)

- Completed

TASK A.9 – Specifications (90% Complete)

- Completed

TASK A.10 – Coordination and Meetings (90% complete)

- Maintain coordination with L&G

TASK A.11 – Temporary Traffic Signals (90% Complete)

- Completed

PENDING ISSUES FOR CATEGORY A:

None

CATEGORY B – TRAFFIC SIGNAL WARRANT STUDIES

TASK B.1 – Field Investigation and Data Collection (100% Complete)

- Completed

TASK B.2 – Assessment of collected data (100% Complete)

- Completed

TASK B.3 – Accident Data and Analysis (100% Complete)

- Completed

TASK B.4 – Collision Diagrams (100% Complete)

- Completed

TASK B.5 – Intersection Exhibits (100% Complete)

- Completed

TASK B.6 – Warrant Analysis (100% Complete)

- Completed

TASK B.7 – Photo Album (100% Complete)

- Completed

TASK B.8 - Recommendations (100% Complete)

- Completed

TASK B.9 – Warrant Study Report (100% Complete)

- Completed. Responded to TxDOT Comments and submitted final report

PENDING ISSUES FOR CATEGORY B:

- None

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

5300 Hollister Rd., Suite 220

Houston, Texas 77040

Tel. (713) 956-9601

Fax: (713) 956-9667

March 25, 2015

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

Reference: Invoice no. 2013-9-4 – 10th Street: From SH 107 to FM 1925: Traffic Signal Design and Warrant Studies

Dear Jacinto:

Attached for your handling is invoice no. 2013-9-4, for services provided in conjunction with the above referenced project. It reflects our effort from May 1, 2014 to March 31, 2015.

Also, attached is a progress report for the project.

Please let me know if you need additional information. Thank you for the opportunity to assist you with this project.

Sincerely,



Harry C. Simeonidis, P.E.

Attachments

TASK AND DESCRIPTION	FIRM	2016								
		JU	SEP	OCT	NOV	DEC	JAN	FEB	MAR	
10th Street Extension (SH 107-FM1925)										
WA #1: EA, PI, Schematic & ROW Map										
Advertise & Conduct Public Meeting	L&G									
TxDOT Schematic Approval	TxDOT									
TxDOT ROW Map Approval	TxDOT									
Environmental Decision	TxDOT									
WA #2: Design Survey & PS&E										
Design Survey	DLS									
Permitted Utility Coordination	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% Mylars Completion	L&G									
TxDOT Approval	TxDOT									
TXDOT RELEASE OF ROW										
ROW Release	TxDOT									
WA #3: ROW Acq. (SH 107 - Schunior)*										
ROW Acquisition (Approx. 64 parcels)										
ROW Acquisition Process	L&G									
Construction Mngmnt - Bid Analysis & Contract Award										
Receive TxDOT approval to advertise including pre-bid & DBE Conf	TxDOT									
Advertise (1st) & post in civcast (3 weeks prior to bid opening)	Cty/L&G									
Advertise (2nd) & post in www.civcastusa.com	Cty/L&G									
Advertise (3rd) & post in www.civcastusa.com	Cty/L&G									
Conduct DBE conference & Pre-Bid Meeting	Cty/L&G									
Open Bids (verify apparent low bidder)(7 weeks prior to letting)	Cty/L&G									
Submit Bids to TxDOT (low bidder concurrence)(6 wks to letting)	Cty/L&G									
Receive concurrence from TxDOT	TxDOT									
Recommend to County; Award to Low Bidder	L&G									
Award Contract at Commissioner's Court (Letting Date)	County									
Construction Management - Contract Execution										
Assist the County with Execution of the Contract	L&G									
Construction Operations (SH 107 - FM 1925)										
Construction Begins (Est. Start Date: March 2016)	County									

* - Note: Hidalgo County Pct. #4 has already purchased 120' of ROW from Schunior to FM 1925

 L&
 TX

PO # 700265

Date: 10/10/13

Bill To: x
x

Idor: 280046
L & G CONSULTING ENGINEERS, INC.
2100 W. EXPRESSWAY 83
MERCEDDES TX 78570
FAX (956)565-6746

Ship To: HIDALGO CO. PCT 4
1051 N. DOOLITTLE
EDINBURG TX 78542

Contact: VLopez
956-383-3112

Contract No: C-12-126-10-16

Special Instructions:
. 4 Req # 1348

QUANTITY	UOM	DESCRIPTION	UNIT PRICE	AMOUNT
10	EACH	C-12-126-10-16 For: 10th St. Extension Project (from SH107 to FM1925) Approved CC 10/02/13 AI- 40977 Consent 10 A. DO NOT DUPLICATE ORDER CC WA#2- Engineering Services required for the preparation of the PS&E for the 10th Street Extension Project from SH107 to FM1925. Phase II- PS&E Field Surveys for Design and Construction PS&E Development PS&E Development for Outfall(s) Signal Design Permitted Utilities Coordination Account No _____ 3-1315-431-00-124-030-0-731 3-1315-431-00-124-030-0-841 REPORT ROAD HAZARDS 1-866-HCR-SAFE OR 1-866-427-7233	1,187,220.00	1,187,220.00
			Encumbrance	
			831,054.00	
			356,166.00	
			Freight	.00
			Total	1,187,220.00

Authorized By: _____