



L&G Engineering

Transportation Consultants

December 2, 2013

RECEIVED
DEC 09 2013
BY: *VZ*

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

**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 November 2013. 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# *12* MDL

FC 15001 – FIELD SURVEYS		% Complete
L&G has coordinated with the surveying firm and provided them with all of the relevant data to begin their work. L&G has conducted a field visit with the surveyor to discuss any possible issues. L&G has provided DLS with the TxDOT control information set on SH 107 & FM 1925. L&G has also provided DLS with a standard ROE letter for their use. L&G continues to manage DLS and their survey efforts.	L&G	40%
FC 15010 – FIELD SURVEYS - SUB		
DLS has set all of the primary and secondary project controls. The topographic survey has begun, starting at the north end. All of the ROE letters have been mailed out and responses are beginning to come in.	DLS	37.2%
FC 16001 – ROADWAY DESIGN		
L&G Engineering continues to develop the plan set and has developed the following plan sheets: Title Sheet, Index of Sheets, Project Layout, Typical Sections, TCP Sequence of Construction along with the appropriate TxDOT standards. L&G is starting to develop the TCP Layouts, P&P's, U&D's, & Culvert Layouts. L&G will submit a 30% PS&E package to TxDOT in the month of December.	L&G	20%
FC 16002 – ROADWAY DESIGN - OUTFALL		
L&G has identified all of the outfalls and has begun development of the outfall detail sheets. The outfall sheets will be part of the 30% submittal package to TxDOT in December.	L&G	20%
FC 16205 – SIGNAL DESIGN		
L&G has performed all of the traffic counts and turning movements for the traffic warrant studies along the following intersecting roads with 10 th St: Schunior Ave., Chapin Rd., Russell Rd., Rogers Rd., & FM 1925 (Monte Cristo Rd.). That information has been provided to ETSI for their warrant report and signal design. L&G continues to manage ETSI's efforts.	L&G	45%

FC 16250 – SIGNAL DESIGN – SUB		
Warrant Studies: All of the data has been collected and analyzed. A draft report has been completed and submitted for review.	ETSI	44.9%
Signal Design: This work has not begun.		
FC 16308 – PERMITTED UTILITIES		
L&G Engineering continues to receive the utility company's system maps. L&G has held utility meetings with HCID #1 & Texas Gas Service and continues to coordinate with all of the utility companies. Now that the surveyor has begun work, L&G will start acquiring elevations of the permitted utility lines and plot them on the U&D sheets.	L&G	20%

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.
Project Manager

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

INVOICE #: 11324643
INVOICE DATE: 11/30/13

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BY: *ZZ*

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 November 2013.						
15001-Field Survey	45,001.00 ✓	2,619.00 ✓	15,381.40	18,000.40 ✓	40.0 ✓	27,000.60
15010-Field Srvy/Sub	80,000.00 ✓		29,755.55 ✓	29,755.55 ✓	37.2 ✓	50,244.45
16001-Rdwy Dsgn	799,217.00 ✓	79,921.70 ✓	79,921.70	159,843.40 ✓	20.0 ✓	639,373.60
16002-Rdwy Dsgn-Outf	48,000.00 ✓	4,800.00 ✓	4,800.00	9,600.00 ✓	20.0 ✓	38,400.00
16205-Sign.Marki.Dsg	59,721.00 ✓	14,930.25 ✓	11,944.20	26,874.45 ✓	45.0 ✓	32,846.55
16250-Sigl Dsgn-Sub	60,281.00 ✓		27,091.85 ✓	27,091.85 ✓	44.9 ✓	33,189.15
16308-Permted Utilit	95,000.00 ✓	9,500.00 ✓	9,500.00	19,000.00 ✓	20.0 ✓	76,000.00
TOTALS:	1,187,220.00	111,770.95	178,394.70	290,165.65 ✓	24.4	897,054.35 ✓

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 \$ 290,165.65
 LESS PREVIOUS INVOICES \$ 111,770.95

CURRENT PAYMENT DUE \$ 178,394.70

[Signature]
 PROJECT MANAGER'S SIGNATURE

3 -1315 431-00-1240300-841
 Pct. # 1348
 Pur. Req. # 245287
 P.O. # 700265 *WAD*

Invoice Received By: *[Signature]* on 12/9/13
 Goods/Services Received By: *[Signature]* on Nov. 2013

RECEIVED
DEC 09 2013

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

INVOICE

BY: *[Signature]*

APPROVED
By Robert at 8:11 am, Nov 25, 2013

11500 Northwest Freeway, Suite 491
Houston, Texas 77092
Tel. (713) 956-9601
Fax (713) 956-9667
TAX ID: 76-0583436

INVOICE NUMBER: 2013-9-1
INVOICE DATE: 11/30/2013
FOR SERVICES PROVIDED FROM: 11/01/2013
TO: 11/30/2013

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	0.00%	\$31,125.00	\$0.00	\$0.00	\$0.00
	CATEGORY B - TRAFFIC SIGNAL WARRANTS	92.92%	\$29,156.00	\$27,091.85	\$0.00	\$27,091.85
	TOTAL DUE	44.94%	\$60,281.00	\$27,091.85	\$0.00	\$27,091.85

TOTAL DUE THIS INVOICE: _____ **\$27,091.85**

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

RECEIVED
 DEC 09 2013

ERGONOMIC TRANSPORTATION SOLUTIONS, INC. BY: *VZ* INVOICE

11500 Northwest Freeway, Suite 491
 Houston, Texas 77092
 Tel. (713) 956-9601
 Fax (713) 956-9667
 TAX ID: 76-0583436

INVOICE NUMBER: 2013-9-1
 INVOICE DATE: 11/30/2013
 FOR SERVICES PROVIDED FROM: 11/01/2013
 TO: 11/30/2013

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	0.00	\$334.22	\$0.00
A.2	BASIS OF ESTIMATE	0.00	\$1,763.60	\$0.00
A.3	CONDITION DIAGRAM	0.00	\$2,620.44	\$0.00
A.4	PROPOSED SIGNAL LAYOUTS	0.00	\$9,919.46	\$0.00
A.5	SIGNAL PHASING, TIMING	0.00	\$1,116.05	\$0.00
A.6	ELECTRICAL SCHEDULES	0.00	\$3,264.64	\$0.00
A.7	INTERSECTION MARKINGS, CURB CHAIR RAMPS	0.00	\$1,763.60	\$0.00
A.8	STANDARD SHEETS LIST	0.00	\$453.58	\$0.00
A.9	SPECIFICATIONS	0.00	\$1,832.24	\$0.00
A.10	COORDINATION AND MEETINGS	0.00	\$1,324.94	\$0.00
A.11	TEMPORARY TRAFFIC SIGNALS	0.00	\$6,147.28	\$0.00
	<u>EXPENSES</u>	0.00	584.95	\$0.00
	SUBTOTAL	0.00%	\$31,125.00	\$0.00

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ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

BY: *VZ* **INVOICE**

11500 Northwest Freeway, Suite 491
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 Fax (713) 956-9667
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 TO: 11/30/2013

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 B - TRAFFIC SIGNAL WARRANTS STUDIES</u>			
B.1	FIELD INVESTIGATION - DATA COLLECTION'	90.00	\$1,169.82	\$1,052.84
B.2	ASSESSMENT OF DATA	90.00	\$1,856.12	\$1,670.51
B.3	ACCIDENT ANALYSIS	90.00	\$1,611.42	\$1,450.28
B.4	COLLISION DIAGRAMS	90.00	\$1,969.52	\$1,772.57
B.5	EXHIBITS	90.00	\$3,431.78	\$3,088.60
B.6	WARRANT ANALYSIS	90.00	\$3,885.60	\$3,497.04
B.7	PHOTO ALBUM	90.00	\$1,050.48	\$945.43
B.8	RECOMMENDATIONS	90.00	\$1,136.94	\$1,023.25
B.9	WARRANT STUDY REPORT	90.00	\$4,529.86	\$4,076.87
	<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	92.92%	\$29,156.00	\$27,091.85

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 BY: *VZ*
 INVOICE



1002 E. Exp. 83
 Weslaco, Texas 78596
 956-969-4183

APPROVED
 By Robert at 7:51 am, Nov 21, 2013

Bill To:
 L&G Engineering
 1900 S. Stewart Rd, Suite 3
 Mission, TX 78572
 956-585-1909

DATE: 11/20/2013
 INVOICE # 01.11.13 - 10th St

ATTN: Mr. Robert Macheska, P.E., CFM

DESCRIPTION	CONTRACT AMOUNT	PAID TO DATE	PAST DUE	CURRENT AMOUNT DUE	REMAINING BALANCE	PERCENT COMPLETE
10th Street Ext. (limits from SH 107 to FM 1925) Work Authorization # 3						
Primary & Secondary Project Controls	\$ 13,007.40	\$ -	\$ -	\$ 13,007.40	\$ -	100%
Topographic Survey	\$ 65,642.15	\$ -	\$ -	\$ 16,410.54	\$49,231.61	25%
Expenses	\$ 1,350.45	\$ -	\$ -	\$ 337.61	\$ 1,012.84	25%
TOTALS	\$ 80,000.00	\$ -	\$ -	\$ 29,755.55	\$50,244.45	37%

TOTAL DUE \$ 29,755.55

Juan M. Castillo
 Juan M. Castillo, R.P.L.S.

11/20/2013
 Date

Make all checks payable to Dos Land

THANK YOU FOR YOUR BUSINESS!

