

# L&G Engineering

Transportation Consultants

December 2, 2013

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

RECEIVED  
DEC 09 2013  
BY: *VZ*

**RE: 10<sup>th</sup> Street Extension - Work Authorization No. 1 - Limits: SH 107 to FM 1925  
PO#688820 - L&G Project#120901**

Dear Commissioner Palacios:

Attached for your approval is our invoice for services rendered for the month of November 2013.

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

This work authorization consists of engineering services required for the preparation of environmental assessment with TxDOT, public involvement, schematic, design, ROW mapping, compensable utilities management oversight, for the 10<sup>th</sup> Street Extension Project from SH 107 to FM 1925.

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

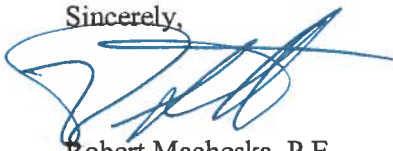
### Work Authorization#1

FC 11005 – PHASE I – COMPENSABLE UTILITIES		% Complete
L&G Engineering has identified all of the compensable utilities on the preliminary Schematic of record with the Railroad Commission. We have verified their physical existence on the ground and confirmed them through aerial imagery. We have begun the adjustment coordination process with the Utility Companies (initial correspondence, request for proof of property interest, etc...) and are receiving reports for the utility companies and adjusting the maps accordingly. This task is complete.	L&G	100%
<b>FC 11006 – DESIGN SCHEMATIC</b>		
L&G has finalized the schematic based on the comments from the Public Meeting and submitted it to TxDOT for approval on August 19 <sup>th</sup> . We received comments from TxDOT and resubmitted the schematic September 17 <sup>th</sup> for final approval. This task is complete.	L&G	100%
<b>FC 11007 – PRELIMINARY RIGHT OF WAY</b>		
L&G Staff have generated all of the property owners along both sides of the project as identified on the appraisal district. From the carson maps and county records we have identified the subdivisions of record and plotted the existing ownership of the existing 10 <sup>th</sup> extension. The preliminary schematic shows all property owners along the corridor. In addition we have utilized this date to estimate the total number of parcels needed to acquire as requested by the auditor's office. This information will be used for the Public Meeting Notices and shown on the Schematic. This task is complete.	L&G	100%
<b>FC 12001 – ENVIRONMENTAL REPORTS</b>		
L&G has completed the Biological Impact Evaluation and it was submitted to TxDOT on 8/28/13 without traffic data after coordinating with TxDOT. L&G is waiting for comments from TxDOT on the evaluation and working on the Administratively Complete document.	L&G	65%

<b>FC 12002 – PUBLIC INVOLVEMENT</b>		
This task is complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 12008 – ENGINEER FOR PUBLIC MEETINGS</b>		
This task is complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 12070 – ARCHEOLOGICAL &amp; HISTORICAL RESEARCH SUB</b>		
The Archeological Report is clear and this task is complete. The Historical Survey was conducted on August 13, 2013 and the report was submitted to TxDOT on 10/16/13. L&G is currently awaiting approval from TxDOT.	<b>Amaterra</b>	<b>67%</b>
<b>FC 13002 – RIGHT OF WAY MAPPING</b>		
L&G has developed the preliminary ownership layout for the needed ROW Map. L&G has also held a scoping meeting with the Surveyor and conducted a field reconnaissance of the project site. L&G has provided the surveyor with the County files for the Las Alameda subdivision to assist with property ownership research and has held a coordination meeting with both surveying firms. L&G continues to monitor the surveyor and provide guidance.	<b>L&amp;G</b>	<b>45%</b>
<b>FC 13020 – RIGHT OF WAY MAPPING/SUB</b>		
ROW has developed the preliminary project files, recovered the existing property corners, began the individual parcel research and is developing the “blue line” map. ROW has begun the deed sketches with boundary and lot lines and continues to recover property corners throughout the project.	<b>ROW</b>	<b>30%</b>
<b>FC 16101 – HYDROLOGICAL MAP</b>		
L&G Engineers has refined the hydrologic map based on the comments from the public meeting and has finalized the coordination with HCDD #1. This task is complete.	<b>L&amp;G</b>	<b>100%</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.  
Project Manager

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

**INVOICE #: 11324642**  
**INVOICE DATE: 11/30/13**

**RECEIVED**  
**DEC 09 2013**

**BY:** *VZ*

**BILL TO: 84**  
 Hidalgo County Pct #4  
 c/o Commission Joseph Palacios  
 1051 N. Doolittle Rd.  
 Edinburg, TX 78541

**JOB: 120901**  
 10th Street Extension Project  
 WA#1 - P.O.#688820  
 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.						
11005-Ph. I Comp Uti	86,761.53 ✓	86,761.53		86,761.53 ✓	100.0 ✓	
11006-Design Schem	118,815.08 ✓	118,815.08		118,815.08 ✓	100.0 ✓	
11007-Prelim ROW	20,017.05 ✓	20,017.05		20,017.05 ✓	100.0 ✓	
12001-EA Reports	95,024.83 ✓	61,766.14		61,766.14 ✓	65.0 ✓	33,258.69
12002-Pub Involment	20,019.67 ✓	20,019.67		20,019.67 ✓	100.0 ✓	
12008-Engr/Pub Mtgs	20,005.84 ✓	20,005.84		20,005.84 ✓	100.0 ✓	
12070-Arch & Hist	23,256.70 ✓	14,698.23 ✓	878.56 ✓	15,576.79 ✓	67.0 ✓	7,679.91 ✓
13002-ROW Mapping	77,906.22 ✓	23,371.87 ✓	11,685.93 ✓	35,057.80 ✓	45.0 ✓	42,848.42
13020-ROW Map/Sub	130,000.00 ✓	19,500.00 ✓	19,500.00 ✓	39,000.00 ✓	30.0 ✓	91,000.00
16101-Hydro Map	30,017.18 ✓	30,017.18 ✓		30,017.18 ✓	100.0 ✓	
<b>TOTALS:</b>	<b>621,824.10</b>	<b>414,972.59</b>	<b>32,064.49 ✓</b>	<b>447,037.08</b>	<b>71.9</b>	<b>174,787.02</b>

ORIGINAL CONTRACT SUM	\$	621,824.10
CHANGE BY CHANGE ORDER	\$	0.00
CONTRACT SUM TO DATE	\$	621,824.10
TOTAL COMPLETED TO DATE	\$	447,037.08
LESS PREVIOUS INVOICES	\$	414,972.59
<b>CURRENT PAYMENT DUE</b>	<b>\$</b>	<b>32,064.49 ✓</b>

*[Signature]*  
 PROJECT MANAGER'S SIGNATURE

3 -1341 431 00 124-030-0-841  
 Pet. # 387 731 711  
 Pur. Req. # 232402  
 P.O. # 688820 *HA*

Invoice Received By: *[Signature]* on 12/7/13  
 Goods/Services Received By: *[Signature]* on Nov. 2013

*m*

RECEIVED  
DEC 09 2013

BY: *VL*



## Invoice for Professional Services

To: L&G Consulting Engineers, Inc.  
2100 West Expressway 83  
Mercedes, TX 78570

From: AmaTerra Environmental, Inc.  
4009 Banister Lane, Suite 300  
Austin, TX 78704

Phone (512) 329-0031

Attn: Velma Garcia

Project Mgr Tom Eisenhour  
[eisen@amaterra.com](mailto:eisen@amaterra.com)

Hidalgo County Pct. 4, 10th Street  
WA #5

AmaTerra Project # 184-011- 10th Street

Invoice Date November 1, 2013	Invoice Period September 30-October 27, 2013	Invoice No. 184-011-05	Terms Net 30	Due Date December 1, 2013
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### Value Completed by Work Task

Project Task	Contract Value	percent complete	Value Completed	Previously Invoiced	Amount Due
Task 1. Project Coordination Request & Archeology Background Report	\$3,103.00	100.00%	\$3,103.00	\$3,103.00	\$0.00
Task 2. HRSR research design, survey, and report	\$8,625.00	100.00%	\$8,625.00	\$8,193.75	\$431.25
Task 3. Archeology survey and report	\$11,528.70	33.43%	\$3,854.04	\$3,406.73	\$447.31
<b>Total</b>	<b>\$23,256.70</b>	<b>67.0%</b>	<b>\$15,582.04</b>	<b>\$14,703.48</b>	<b>\$878.56</b>

543  
120901

> 12070

Thank You for including AmaTerra as part of your Project Team!	<b>TOTAL</b>	<b>\$878.56</b>
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# R. O. W. SURVEYING SERVICES

November 19, 2013

**RECEIVED**  
DEC 09 2013

BY: *RL*

Jacinto Garza  
President/CEO  
Attn: Robert Macheska, P.E.  
2100 W. Expressway 83  
Mercedes, Texas 78570

**APPROVED**  
*By Robert at 8:16 am, Nov 20, 2013*

RE: Invoice #13-1011  
ROW Map, Parcel Surveys, Metes and Bounds Descriptions, and Title Reports  
10<sup>th</sup> St. Expansion Project  
Work Authorization #2  
Limits: from SH 107 TO Schunior Rd.

Dear Mr. Garza:

Attached for your approval is our invoice for services rendered for the month of November 2013.

- ROW'S Invoice
- Exhibit C – Work Schedule
- Progress Report #2

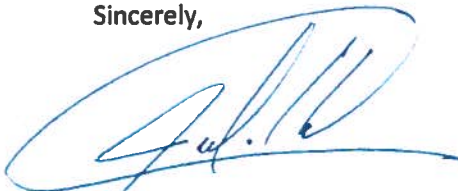
FC 130 - ROW MAP	Contract Amount	Invoice to Date	Paid to Date	Current Amount Due	Contract Balance	Percent Complete
ROW Map, Parcel Surveys, Metes and Bounds Description, and Title Reports	\$130,000	\$19,500	\$ -	\$19,500	\$91,000	30%
			<i>Total Due</i>	\$19,500		

Make Checks Payable to: ROW Surveying Services

Thank you for your business. Should you have any questions or require additional information, please do not hesitate to give me a call at (956) 451-2670.

*543  
120901  
13020*

Sincerely,

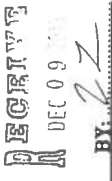


Julio Cerda, P.E.  
President/CEO

Cc: Drew Mawyer, RPLS, Vice President

R. O. W. SURVEYING SERVICES, LLC  
TBPLS Reg. # 10193886

900 S. Stewart Rd. Suite 11 -- Mission, TX 78572  
PH 956.451.2670 -- FX 956.583.7116

BY:  DEC 09

**EXHIBIT "C"**  
**WORK SCHEDULE**  
**10th Street Extension**  
 From SH 107 to FM 1925 (Monica Christie Rd)  
 Length = 2.3 miles

Client: Hidalgo County

TASK AND DESCRIPTION	FIRM	2012			2013			2014			2015					
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>10th Street Extension</b>																
<b>Phase I: EA/PI Schem (SH 107 - FM 1925)</b>																
Develop Alternatives & Matrix	L&G															
Select TPA	L&G															
Finalize Schematic	L&G															
TxDOT Review & Revisions	TxDOT															
TxDOT Approval	TxDOT															
Advertise & Conduct Public Meeting	L&G															
Prepare Environmental Document	L&G															
Submit Environmental Document	L&G															
Agency Review & Revisions	TxDOT															
Environmental Decision	TxDOT															
<b>Phase II: PS&amp;E &amp; ROW MAP</b>																
Obtain Right of Entry (Surveying)	STIG															
Design Surveys	STIG															
Update DTM & Planimetrics	STIG															
Provide Field Books	STIG															
Provide Staked Survey Data Sheets																
<b>Phase III: ROW MAP (SH 107 - FM 1925)</b>																
Compensable Utility Oversight	L&G															
Utility Information with HICDD #1	L&G															
Utility Information with HICDD #2	L&G															
90% PS&E Completion	L&G															
TxDOT Approval	TxDOT															
<b>ROW MAP (SH 107 - FM 1925) (APL)</b>																
Prepare ROW Map	L&G															
TxDOT Review & Revisions	TxDOT															
TxDOT Approval	TxDOT															
<b>TxDOT RELEASE OF ROW</b>																
ROW Release by TxDOT	TxDOT															
<b>Phase II: ROW Acq. (SH 107 - Schunior)*</b>																
ROW Acquisition (Approx. 52 parcels)	L&G															
<b>Proposed Letting (SH 107 - FM 1925)</b>																
Let Proceed (Est. Earliest Date: November 2015) (Dependent on Availability of Funds)	TxDOT															

L&G FUNCTION  
 ENVIRONMENTAL ASSESSMENT WORK  
 TxDOT FUNCTION

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