

# L&G Consulting Engineers, Inc.

October 1, 2015

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

RECEIVED  
OCT 01 2015  
BY: *J. Palacios*

**RE: FM 2220 (Ware Road) Project - Work Authorization No. 1**  
**Limits: FM 676 (Mile 5) to FM 1925**  
**PO#728311 - L&G Project#150901**

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 September 2015.

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

This work authorization consists of engineering services required for the preparation of roadway schematic, hydrological map, and schematic surveys, coordinate environmental assessment with TxDOT public involvement for environmental assessment, and preliminary compensable utilities identification for the FM 2220 project from FM 676 (Mile 5) to FM 1925. The following is a narrative of the progress report for this work authorization.

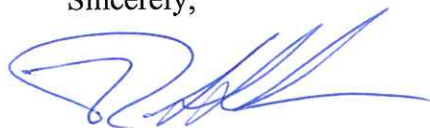
### Work Authorization #1

FC 11003 ~ SCHEMATIC FOR ROADWAY		% Complete
<b>UPDATED:</b> L&G has developed a preliminary schematic. L&G has received the agreed upon alignment (TxDOT/Mike Rhodes) within the Tres Lagos Development and has incorporated it into our schematic. In addition, we have coordinated the preferred curvature option just north of Mile 5. Preliminary Construction Cost estimates have been generated which were used to develop the preliminary cost estimates for the agreements. We are currently scheduling the Environmental Scoping meeting with TxDOT so that we may begin scheduling the public meeting.	L&G	60%
<b>FC 11004 ~ SCHEMATIC FOR OUTFALLS</b>		
<b>UPDATED:</b> L&G has identified all of the proposed outfalls for the project and has met with HCDD #1 to discuss the outfalls for this area. Rhodes Development has identified an outfall upgrade that they are coordinating with HCDD #1 and we have incorporated it into our schematic. We will continue to develop them for the schematic in preparation for an upcoming public meeting.	L&G	60%
<b>FC 11005 ~ PRELIMINARY COMPENSABLE UTILITY IDENTIFICATION ON SCHEMATIC</b>		
<b>UPDATED:</b> L&G has identified the utilities present on the preliminary schematic from the Texas Railroad Commission as well as field visits. The Irrigation District pipelines have been referenced from the HCID No. 1 & UID databases. Carson Maps have been utilized and we are placing all of the platted dedicated utility easements on the Schematic.	L&G	60%

<b>FC 11006 ~ SCHEMATIC DESIGN FOR 3-8'x8' SIPHONS w/48" STEEL PIPE BYPASS</b>		
<b>UPDATED:</b> We have field verified the existing dimensions of the Irrigation Canal and referenced the Irrigation Districts files. A preliminary layout of the proposed siphon and bypass has been generated so that we may present it to the Irrigation District for preliminary approval on the schematic.	<b>L&amp;G</b>	<b>60%</b>
<b>FC 11007 ~ OFFICE SURVEYS FOR SCHEMATICS (Prel. Ownership Identification and Property Rights)</b>		
<b>UPDATED:</b> L&G has field verified numerous new properties as well as multiple utilities along the project, uploaded the appraisal district database for property ownership and has placed the data on the preliminary schematic. We have identified all of the property ownership along the route in preparation for the upcoming public meeting.	<b>L&amp;G</b>	<b>60%</b>
<b>FC 11009 ~ UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TxDOT/FHWA</b>		
<b>NO UPDATE:</b> This task has not started.	<b>L&amp;G</b>	<b>0%</b>
<b>FC 12001 ~ ENVIRONMENTAL ASSESSMENT WITH TxDOT</b>		
<b>NO UPDATE:</b> L&G continues to update the scoping documents and risk assessment forms and coordinate with TxDOT to schedule a Core Team/Scoping meeting.	<b>L&amp;G</b>	<b>20%</b>
<b>FC 12002 ~ PUBLIC INVOLVMENT WITH STAKEHOLDERS AND 1 PUBLIC MEETING</b>		
<b>NO UPDATE:</b> See Progress Report Dated 9-1-15.	<b>L&amp;G</b>	<b>50%</b>
<b>FC 12003 ~ PUBLIC INVOLVMENT FOR 1 PUBLIC HEARING</b>		
<b>NO UPDATE:</b> This task has not started yet.	<b>L&amp;G</b>	<b>0%</b>
<b>FC 12007 ~ ARCHEOLOGICAL AND HISTORICAL RESEARCH</b>		
<b>NO UPDATE:</b> We have submitted our preliminary digital layouts to our sub-consultant and have generated contracts with insurances etc with them so they may proceed to work on the project. We are gathering the information to plot on the layouts the constraints for the alignments along with developing the list of property owners.	<b>L&amp;G</b>	<b>10%</b>
<b>FC 12008 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC MEETINGS WITH LAYOUTS</b>		
<b>NO UPDATE:</b> See Progress Report Dated 8-3-15.	<b>L&amp;G</b>	<b>20%</b>
<b>FC 12009 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC HEARINGS WITH LAYOUTS</b>		
<b>NO UPDATE:</b> This task has not started yet.	<b>L&amp;G</b>	<b>0%</b>
<b>FC 12070 ~ ARCHEOLOGICAL AND HISTORICAL RESEARCH /SUB</b>		
<b>NO UPDATE:</b> This task has not started yet.	<b>AmaTerra</b>	<b>0%</b>
<b>FC 16101 ~ HYDROLOGIC MAP</b>		
<b>UPDATED:</b> L&G has developed a preliminary Hydrologic Map. We have identified the contours as well as the watershed areas and we continue to fine tune the Hydrologic Map in preparation for an upcoming public meeting.	<b>L&amp;G</b>	<b>60%</b>

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'R. Macheska', with a large, stylized initial 'R'.

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 #: 11325262**  
**INVOICE DATE: 09/30/15**

**BILL TO: 84**

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



**JOB: 150901**

FM 2220 (Ware Road) Project  
 Limits: FM676(Mile 5) to FM1925  
 WA#1 - PO#728311

<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 September 2015.						
11003-Schem Roadway	333,360.00	133,344.00	66,672.00	200,016.00	60.0	133,344.00
11004-Schem Outfalls	90,000.00	36,000.00	18,000.00	54,000.00	60.0	36,000.00
11005-Pre1 Comp. Ut1	54,000.00	21,600.00	10,800.00	32,400.00	60.0	21,600.00
11006-Schm Irrig Can	135,000.00	54,000.00	27,000.00	81,000.00	60.0	54,000.00
11007-Pre1im ROW Own	42,000.00	16,800.00	8,400.00	25,200.00	60.0	16,800.00
11009-Schm TxDOT/FHW	30,000.00				0.0	30,000.00
12001-EA Reports	183,600.00	36,720.00		36,720.00	20.0	146,880.00
12002-Pub Inv1mnt PM	81,600.00	40,800.00		40,800.00	50.0	40,800.00
12003-Pub Inv1mnt PH	30,600.00				0.0	30,600.00
12007-Arch & Hist	31,322.00	3,132.20		3,132.20	10.0	28,189.80
12008-Eng/Pub Mtgs	31,500.00	6,300.00		6,300.00	20.0	25,200.00
12009-Eng/Pub Hearin	45,000.00				0.0	45,000.00
12070-Arch & Hist/SU	33,678.00				0.0	33,678.00
16101-Hydro Map	108,000.00	43,200.00	21,600.00	64,800.00	60.0	43,200.00
<b>TOTALS:</b>	<b>1,229,660.00</b>	<b>391,896.20</b>	<b>152,472.00</b>	<b>544,368.20</b>	<b>44.3</b>	<b>685,291.80</b>

ORIGINAL CONTRACT SUM \$ 1,229,660.00  
 CHANGE BY CHANGE ORDER \$ 0.00  
 CONTRACT SUM TO DATE \$ 1,229,660.00  
 TOTAL COMPLETED TO DATE \$ 544,368.20  
 LESS PREVIOUS INVOICES \$ 391,896.20

PROJECT MANAGER'S SIGNATURE

CURRENT PAYMENT DUE \$ 152,472.00

TASK AND DESCRIPTION	FIRM	2018												2019			
		JUNE	JULY	AUG	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	Q1	Q2	Q3
<b>Phase I: EA, Public Involvement, Schematic</b>																	
<b>Public Involvement (Section #1 &amp; Section #2)</b>																	
Develop Alternatives & Matrix	L&G																
Advertise & Conduct Public Meeting	L&G																
Select TPA	L&G																
<b>Schematic (Section #1 &amp; Section #2)</b>																	
Develop Schematic	L&G																
Hydrologic Map	L&G																
TxDOT Review & Revisions	TxDOT																
TxDOT Schematic Approval	TxDOT																
<b>Environmental Document (Section #1 &amp; Section #2)</b>																	
Draft Environmental Document, Field Visits, etc...	L&G																
Submit Final Draft Document	L&G																
Agency Review & Revisions	TxDOT																
Environmental Decision	TxDOT																
<b>Phase II: PS&amp;E &amp; Construction Oversight</b>																	
<b>PS&amp;E (Section #1 Only) (By TxDOT; Est Timelines)</b>																	
Design Survey	TxDOT																
Permitted Utility Coordination	TxDOT																
Outfall Coordination with HCDD #1	TxDOT																
30% PS&E Completion	TxDOT																
60% PS&E Completion	TxDOT																
90% PS&E Completion	TxDOT																
95% PS&E Completion	TxDOT																
100% Mylars	TxDOT																
TxDOT Plan Set Approval	TxDOT																
<b>Construction Oversight (Section #1 Only)</b>																	
Let Project (Est. Earliest Date: June 2018)	TxDOT																
Construction Duration	TxDOT																
Open To Traffic	TxDOT																
<b>Phase III: ROW Map &amp; Acquisition</b>																	
<b>ROW Map (Section #1 Only)</b>																	
Prepare ROW Map	L&G																
TxDOT Review	TxDOT																
ROW Map Revisions Per TxDOT Comments	L&G																
TxDOT ROW Map Approval	TxDOT																
<b>ROW Acquisition (Est. 73 Parcels) (Section #1 Only)</b>																	
ROW Release (Dependent on Availability of Funds)	TxDOT																
Project Administration	L&G																
Compensable Utility Oversight	L&G																
Coordination with County & TxDOT	L&G																
Title Commitments	L&G																
Appraisal Reports	L&G																
Appraisal Review Reports	L&G																
Appraisal Update Reports	L&G																
Approved Values by TxDOT	TxDOT																
Acquisition Negotiation Offers	L&G																
Title Curative Process	L&G																
Title Commitment Updates	L&G																
Payments for Parcels	L&G																
L&G Condemnation Support Process	L&G																
Eminent Domain Proceedings by County	County																
Title Insurance Policies	L&G																
Consumation of Outstanding Cases	L&G																

■ L&G FUNCTIO  
■ ENVIRONMEN  
■ TXDOT FUNC1  
■ HIDALGO COL



# Purchase Order COUNTY OF HIDALGO

PO# 728311

DATE: 07/08/15

PAGE NO: 1 OF 1

PO TYPE:

VENDOR: 280046

REQ: 00280152

PHONE: (956) 565-9813

Fax: (956) 565-6746

EMAIL:

SHIP TO: HIDALGO CO. PCT 4

1851 N. DOOLITTLE  
EDINBURG TX 78542

L & G CONSULTING ENGINEERS, INC.  
21.00 W. EXPRESSWAY 83  
MERCEDAS TX 78570

CONTACT:

SITE: COMMISSIONER, PRECINCT 4

CONTRACT NO:

SPECIAL INSTRUCTIONS: PCT#803

**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. Our 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-15-136-06-02 exp 6-01-16 WA #3 APPROVED CC 06/02/15 AI-49873		
1.00	LOT	CC WA #1- Engineering Services required for the preparation of the Environmental Document, Public Involvement and Schematic for the FM 2220 (Ware Road) project from FM 676 (Mile 5) to FM 1925.	1,229,660.00	1,229,660.00
		TOTAL:		1,229,660.00
		***** For Hidalgo County use only 5-1315-431-00-124-157-0-721	1,229,660.00	

Authorized by: \_\_\_\_\_

*Martha Salazar*