

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

**INVOICE #: 11327975**  
**INVOICE DATE: 01/02/20**

**BILL TO: 34**

Hidalgo County Pct. #1  
 902 Joe Stephens  
 Weslaco, TX 78596

**JOB: 190201**

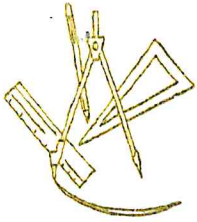
FM 88 WA#1 (5th St to FM 1925)  
 PO#795177

<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>
Work Authorization#1 - Engineering Services required for the preparation of the Re-evaluation of the Environmental Document, Public Involvement, Update Schematic, Update Hydrological Map, Update PS&E, Update the Permitted						
11005-Pre Comp Utili	15,000.00	15,000.00		15,000.00	100.0	
11006-Dsgn Schm Outf	26,085.00	24,780.75		24,780.75	95.0	1,304.25
11008-Schematic/DOT	22,500.00	12,375.00		12,375.00	55.0	10,125.00
11009-Pre ROW Ownrsh	22,500.00	22,500.00		22,500.00	100.0	
11011-Updt Schm Rdwy	39,690.00	37,705.50		37,705.50	95.0	1,984.50
11012-Updt Schm Intr	22,500.00	6,750.00		6,750.00	30.0	15,750.00
12002-Pub Invmnt PM	49,942.00	10,987.24	1,498.26	12,485.50	25.0	37,456.50
12006-Env Doc TxDOT	54,000.00	14,580.00	1,080.00	15,660.00	29.0	38,340.00
15008-H&V Utilities	135,000.00	60,750.00		60,750.00	45.0	74,250.00
16005-PS&E Update	356,366.00	196,001.30		196,001.30	55.0	160,364.70
16006-Plans to TxDot	30,000.00				0.0	30,000.00
16108-Hydro Map Updt	45,000.00	42,750.00		42,750.00	95.0	2,250.00
16205-Signal Design	17,379.89	1,911.79		1,911.79	11.0	15,468.10
16206-Temp Sgnl Dsgn	9,000.00	990.00		990.00	11.0	8,010.00
16250-Sgnl Dsgn/SUB	2,620.11				0.0	2,620.11
16308-Permitted Utili	69,919.00	52,439.25		52,439.25	75.0	17,479.75
16403-Project Mngmnt	10,000.00	5,500.00		5,500.00	55.0	4,500.00
32002-Const. Mngmnt	119,861.00				0.0	119,861.00
TOTALS:	1,047,363.00	505,020.83	2,578.26	507,599.09	48.5	539,763.91

ORIGINAL CONTRACT SUM \$ 1,047,363.00  
 CHANGE BY CHANGE ORDER \$ 0.00  
 CONTRACT SUM TO DATE \$ 1,047,363.00  
 TOTAL COMPLETED TO DATE \$ 507,599.09  
 LESS PREVIOUS INVOICES \$ 505,020.83

  
 \_\_\_\_\_  
 PROJECT MANAGER'S SIGNATURE

CURRENT PAYMENT DUE \$ 2,578.26



January 2, 2020

Hon. David Fuentes  
Hidalgo County Commissioner, Pct. #1  
**Attn: Amy Saenz-Smith or Erica Espinoza**  
1902 Joe Stevens  
Weslaco, TX 78596

**RE: FM 88 Project – WA#1**  
**Limits: 5<sup>th</sup> Street to FM 1925**  
**PO#795177- L&G Project#190201**

Dear Commissioner Fuentes:

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 during the month of December 2019.

The following is attached:

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

**Work Authorization#1 – Engineering Services required for the preparation of the Re-evaluation of the Environmental Document, Public Involvement, Update Schematic, Update Hydrological Map, Update PS&E, Update the Permitted Utilities Coordination and Construction Management**

		<b>% Complete</b>
<b>FC 11005 ~ PRELIMINARY COMPENSABLE UTILITIES IDENTIFICATION ON SCHEMATIC OUTFALLS</b>		
L&G Engineering has updated the schematics with utility information.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 11006 ~ CREATE A SCHEMATIC FOR THE 1.8 MILES OF OUTFALLS THAT DOESN'T EXIST</b>		
The QC/QA process has been completed on the outfall schematic. L&G Engineering has submitted the schematics to Hidalgo County Drainage District #1 for their review and concurrence. <b>No Invoice/No Update</b>	<b>L&amp;G</b>	<b>95%</b>

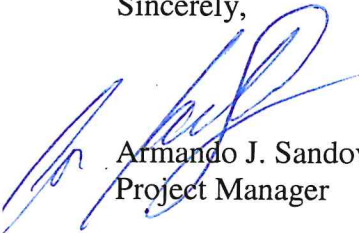
<b>FC 11008 ~ UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TxDOT/FHWA FOR SCHEMATIC SHOWING OUTFALLS AND EA UPDATE W/FHWA, CITY OF ELSA AND COUNTY RECOMMENDATIONS</b>		
Meetings were held with Hidalgo County Drainage District #1 to discuss their comments on the outfall schematics. Their comments were incorporated into the schematics. The Drainage District concurred with the outfall schematics and a meeting has been scheduled with TxDOT to discuss their concurrence. The roadway schematic has been updated and will be shown/submitted to TxDOT once the County schedules a meeting with TxDOT in November. <b>No Invoice/No Update</b>	<b>L&amp;G</b>	<b>55%</b>
<b>FC 11009 ~ OFFICE SURVEYS FOR THE OUTFALLS SCHEMATIC (PREL. OWNERSHIP IDENTIFICATION AND PROPERTY RIGHTS) 1.8 MILES OF OUTFALLS</b>		
<b>This task is complete.</b>	<b>L&amp;G</b>	<b>100%</b>
<b>FC 11011 ~ UPDATE THE SCHEMATIC FOR ROADWAY</b>		
L&G Engineering has updated the roadway schematics and has prepared them for submittal. The roadway schematic will be shown to TxDOT at the TxDOT meeting on November 2019. <b>No Invoice/No Update</b>	<b>L&amp;G</b>	<b>95%</b>
<b>FC 11012 ~ UPDATE SCHEMATIC OF INTERSECTION LAYOUTS WITH NEW TOPOG (2D &amp; 3D)</b>		
The intersection layouts for all major roadways are being redrawn in an effort to obtain concurrence from TxDOT of the proposed changes to these intersections. TxDOT has not provided the TOPO or TIN for the project as of yet. L&G Engineering has utilized the previous TOPO and TIN files for the project's intersections in an effort to continue to complete the plans. L&G does not believe that major changes will occur due to the new TOPO and TIN files. <b>No Invoice/No Update</b>	<b>L&amp;G</b>	<b>30%</b>
<b>FC 12002 ~ PUBLIC INVOLVEMENT FOR THE RE-EVALUATION OF EA WITH STAKEHOLDERS WITH NO PUBLIC MEETING</b>		
L&G continues to update the mailing list of affected property owners, preparing meeting notice letters, agenda packets, and updating exhibits in anticipation of meeting with affected property owners.	<b>L&amp;G</b>	<b>25%</b>
<b>FC 12006 ~ RE-EVALUATION OF ENVIRONMENTAL DOCUMENT WITH TxDOT</b>		
L&G continues to update the fact sheet, corresponding attachments, and draft re-evaluation document based on the latest project data in preparation of the project initiation and scoping meeting with TxDOT. L&G continues to update the technical documentation with the new forms released by TxDOT on 9/1/19.	<b>L&amp;G</b>	<b>29%</b>

<b>FC 15008 ~ TIE DOWN HORIZONTAL AND VERTICALLY ALL THE UTILITIES (COMPENSABLE AND PERMITTED) THAT ARE IN CONFLICT WITH THE PROPOSED STORM DRAIN AND ROADWAY AS REQUESTED BY THE COUNTY SELECTED ENGINEER</b>		
L&G Engineering continues to coordinate with Texas Gas and the other utilities located on the project. Additional letters and preliminary Utility & Drainage sheets are being sent to the utility companies for further review and coordination.	<b>L&amp;G</b>	<b>45%</b>
<b>FC 16005 ~ UPDATE THE PS&amp;E FOR THE OUTFALLS AND ROADWAY</b>		
L&G continues to update the plan sheets. Quantities are being updated with the new sheets that were created. We require 2D & 3D topographic information/TIN from TxDOT in order to finalize the set. L&G Engineering has begun the update process for the drainage system along FM 88. Inlets, MH, pipes, etc... are being updated to the latest TxDOT standards/structures. <b>No Invoice/No Update</b>	<b>L&amp;G</b>	<b>55%</b>
<b>FC 16006 ~ CREATE 1 SET OF PLANS AND SUBMIT THROUGH TxDOT</b>		
<b>This task has not begun</b>	<b>L&amp;G</b>	<b>0%</b>
<b>FC 16108 ~ UPDATE HYDROLOGICAL MAP FOR 2 OUTFALL DRAIN DITCHES OUTFALLS &amp; CAPACITIES</b>		
The areas for the outfalls have been defined. Land use areas have been defined and time of concentration has been calculated for each ditch drainage area. The hydraulic tables have been placed into the hydrologic map along with rating curves for current capacities of the existing ditches. The Hydrologic map will be submitted to TxDOT in October when the Precinct sets up the meeting with them. <b>No Invoice/No Update</b>	<b>L&amp;G</b>	<b>95%</b>
<b>FC 16205 ~ UPDATE PERMANENT SIGNAL DESIGNS</b>		
Contract has been generated with Sub ETSI and scope of services was identified. ETSI was provided with a preliminary schematic and digital file for their reference. Discussions with ETSI about the possible changes to the intersections have occurred. <b>No Invoice/No Update</b>	<b>L&amp;G</b>	<b>11%</b>
<b>FC 16206 ~ TEMPORARY SIGNAL DESIGNS DURING CONSTRUCTION</b>		
Contract has been generated with Sub ETSI and scope of services was identified. ETSI was provided with a preliminary schematic and digital file for their reference. Discussions with ETSI about the TCP for FM 88 and any possible changes have occurred. <b>No Invoice/No Update</b>	<b>L&amp;G</b>	<b>11%</b>

<b>FC 16250 ~ UPDATE PERMANENT SIGNAL DESIGNS / SUB</b>		
<b>This task has not begun</b>	<b>ETSI</b>	<b>0%</b>
<b>FC 16308 ~ UPDATE THE PERMITTED UTILITIES COORDINATION</b>		
L&G Engineering continues to coordinate with the utility companies located on the project. U&D sheets have been sent to the utility companies with their utility lines highlighted to confirm their locations and eventual adjustment. <b>No Invoice/No Update</b>	<b>L&amp;G</b>	<b>75%</b>
<b>FC 16403 ~ PROJECT MANAGEMENT TO INCLUDE COORDINATION WITH TxDOT, HCMPO, HIDALGO COUNTY, HCDD#1</b>		
Discussions with Hidalgo County and Hidalgo County Drainage District #1 have been held. a copy of the Hydrologic Map has been shown to the Drainage District for their concurrence/information. L&G continues to coordinate with HCDD#1 on the outfalls. L&G continues to coordinate with the Precinct. The meeting with TxDOT that was scheduled for September 2019 to discuss all aspects of the project, was cancelled due to scheduling conflicts within TxDOT. A new meeting is being scheduled for November 2019 by the precinct.	<b>L&amp;G</b>	<b>55%</b>
<b>FC 32002 ~ ENG CONSTRUCTION MANAGEMENT DURING CONST. FOR THE DESIGN ENGINEER FOR SHOP DRAWING REVIEWS, DESIGN QUESTIONS, FIELD VISITS, etc.</b>		
<b>This task has not begun</b>	<b>L&amp;G</b>	<b>0%</b>

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

Sincerely,



Armando J. Sandoval, P.E  
Project Manager

**FM 88**  
From: 0.25 Miles N. of SH 107 (5th Ave.) To: FM 1925

TASK AND DESCRIPTION	FIRM	2019												2020												2021											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>Phase I: EA, Public Involvement, Schematic</b> Public Involvement																																					
Meeting of Affected Property Owners (MAPO)	L&G																																				
<b>Schematic</b>																																					
Update Outfall Schematic	L&G																																				
Update Roadway Schematic (if needed)	L&G																																				
Update Hydrologic Map	L&G																																				
Obtain concurrence from HCDD#1	HCDD#1																																				
TXDOT Schematic Approval	TXDOT																																				
<b>Environmental Document</b>																																					
Develop Re-evaluation Checklist	L&G																																				
Submit the Re-Evaluation Checklist	L&G																																				
Obtain approval from TXDOT	TXDOT																																				
Environmental Decision	TXDOT																																				
<b>Phase II: PS&amp;E &amp; Construction Oversight</b> PS&E																																					
Design Survey (Outfall 1 & 2 and Roadway)	L&G																																				
Permitted and Compensable Utility Oversight	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% MWAs to TXDOT	L&G																																				
TXDOT Review & Revisions (30%, 60%, 90%, 95%)	L&G																																				
TXDOT Plan Set Approval	TXDOT																																				
<b>Const Oversight</b>																																					
Let Project (No Letting date has been assigned by TXDOT)	TXDOT																																				
Construction Duration (18 months)	TXDOT																																				
<b>Phase III: ROW Map &amp; Acquisition</b> ROW Map																																					
Prepare ROW Map (Outfalls 1 & 2)	L&G																																				
TXDOT/County Internal Review	TXDOT/County																																				
<b>ROW Acquisition (Est. 12 Parcels)</b>																																					
ROW Acquisition (Outfall 1 & 2)	HCDD																																				

L&G FUNCTION  
ENVIRONMENTAL ASSESSMENT WORK  
TXDOT/County  
HCDD  
HIDALGO COUNTY FUNCTION