

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

INVOICE#: 11328097
INVOICE DATE: 3/31/2020

BILL TO: 34
Hidalgo County Pct. #1
902 Joe Stephens
Weslaco, TX 78599

JOB: 190201
FM 88 WA#1 (5th St. to FM 1925)
PO# 795177

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of March 2020.						
Work Authorization#1 - Engineering services required for the preparation of the Re-evaluation of the Environmental Document, Public Involvement, Update Schematic, Update Hydrologic Map, Update PS&E, Update the Permitted Utilities Coordination and Construction Management						
11005-Pre Comp Utilities	15,000.00	15,000.00		15,000.00	100.0	-
11006-Design Schematic Outfalls	26,085.00	24,780.75		24,780.75	95.0	1,304.25
11008-Update Schematic TxDOT	22,500.00	12,375.00		12,375.00	55.0	10,125.00
11009-Pre ROW Ownership	22,500.00	22,500.00		22,500.00	100.0	-
11011-Update Schematic Roadway	39,690.00	37,705.50		37,705.50	95.0	1,984.50
11012-Update Schematic Intersections	22,500.00	6,750.00		6,750.00	30.0	15,750.00
12002-Public Invmt (PM)	49,942.00	12,485.50		12,485.50	25.0	37,456.50
12006-Env Doc TxDOT	54,000.00	15,660.00		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			0.00	0.0	30,000.00
16108-Hydro Mpa Update	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 Signal Desgin	9,000.00	990.00		990.00	11.0	8,010.00
16250-Signal Design/SUB	2,620.11			0.00	0.0	2,620.11
16308-Permitted Utilities	69,919.00	52,439.25		52,439.25	75.0	17,479.75
16403-Project Management	10,000.00	5,500.00		5,500.00	55.0	4,500.00
32002-Const. Management	119,861.00			0.00	0.0	119,861.00
Sub Totals:	1,047,363.00	507,599.09	0.00	507,599.09		539,763.91

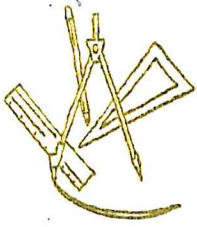
Supplemental #1 to Work Authorization#1 - Engineering services required for the preparation of the ROW Mapping for 2.41 miles of Outfalls, Update the 10-year Field Surveys for Outfalls and Update the 10-year Field Surveys for Roadway Desgin

13002-ROW Mapping	15,580.14		1,558.01	1,558.01	10.0	14,022.13
13020-ROW Mapping/SUB	54,000.00			0.00	0.0	54,000.00
15005-Field Surveys Outfalls	13,330.71		1,333.07	1,333.07	10.0	11,997.64
15006-Field Surveys Roadway	21,141.15		2,114.12	2,114.12	10.0	19,027.03
15050-Field Surveys Outfalls/SUB	77,085.00			0.00	0.0	77,085.00
15060-Field Surveys Roadway/SUB	105,426.00			0.00	0.0	105,426.00
Sub Totals:	286,563.00	0.00	5,005.20	5,005.20	1.7	281,557.80
TOTALS:	1,333,926.00	507,599.09	5,005.20	512,604.29	38.4	821,321.71

ORIGINAL CONTRACT SUM \$ 1,333,926.00
CHANGE BY CHANGE ORDER \$ 0.00
CONTRACT SUM TO DATE \$ 1,333,926.00
TOTAL COMPLETED TO DATE \$ 512,604.29
LESS PREVIOUS INVOICES \$ 507,599.09
CURRENT PAYMENT DUE \$ 5,005.20

PROJECT MANAGER'S SIGNATURE





April 1, 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: 5th 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 for the month of March 2020.

The following is attached:

- L&G 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

		% Complete
FC 11005 ~ PRELIMINARY COMPENSABLE UTILITIES IDENTIFICATION ON SCHEMATIC OUTFALLS		
This Task is complete.	L&G	100%
FC 11006 ~ CREATE A SCHEMATIC FOR THE 1.8 MILES OF OUTFALLS THAT DOESN'T EXIST		
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. No Invoice/No Update	L&G	95%

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		
<p>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 at a meeting with TxDOT, TxDOT concurred with the outfall typical sections.</p> <p>No Invoice/No Update</p>	<p>L&G</p>	<p>55%</p>
FC 11009 ~ OFFICE SURVEYS FOR THE OUTFALLS SCHEMATIC (PREL. OWNERSHIP IDENTIFICATION AND PROPERTY RIGHTS) 1.8 MILES OF OUTFALLS		
<p>This task is complete.</p>	<p>L&G</p>	<p>100%</p>
FC 11011 ~ UPDATE THE SCHEMATIC FOR ROADWAY		
<p>L&G Engineering has updated the roadway schematics and has prepared them for submittal. The roadway schematic was shown to TxDOT at the TxDOT meeting on November 2019, no comments were discussed.</p> <p>No Invoice/No Update</p>	<p>L&G</p>	<p>95%</p>
FC 11012 ~ UPDATE SCHEMATIC OF INTERSECTION LAYOUTS WITH NEW TOPOG (2D & 3D)		
<p>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.</p> <p>No Invoice/No Update</p>	<p>L&G</p>	<p>30%</p>
FC 12002 ~ PUBLIC INVOLVEMENT FOR THE RE-EVALUATION OF EA WITH STAKEHOLDERS WITH NO PUBLIC MEETING		
<p>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.</p> <p>No Invoice/No Update</p>	<p>L&G</p>	<p>25%</p>
FC 12006 ~ RE-EVALUATION OF ENVIRONMENTAL DOCUMENT WITH TxDOT		
<p>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.</p> <p>No Invoice/No Update</p>	<p>L&G</p>	<p>29%</p>

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		
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. No Invoice/No Update	L&G	45%
FC 16005 ~ UPDATE THE PS&E FOR THE OUTFALLS AND ROADWAY		
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. No Invoice/No Update	L&G	55%
FC 16006 ~ CREATE 1 SET OF PLANS AND SUBMIT THROUGH TxDOT		
This task has not begun	L&G	0%
FC 16108 ~ UPDATE HYDROLOGICAL MAP FOR 2 OUTFALL DRAIN DITCHES OUTFALLS & CAPACITIES		
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. No Invoice/No Update	L&G	95%
FC 16205 ~ UPDATE PERMANENT SIGNAL DESIGNS		
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. No Invoice/No Update	L&G	11%
FC 16206 ~ TEMPORARY SIGNAL DESIGNS DURING CONSTRUCTION		
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. No Invoice/No Update	L&G	11%

FC 16250 ~ UPDATE PERMANENT SIGNAL DESIGNS / SUB		
This task has not begun	ETSI	0%
FC 16308 ~ UPDATE THE PERMITTED UTILITIES COORDINATION		
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. No Invoice/No Update	L&G	75%
FC 16403 ~ PROJECT MANAGEMENT TO INCLUDE COORDINATION WITH TxDOT, HCMPO, HIDALGO COUNTY, HCDD#1		
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. No Invoice/No Update	L&G	55%
FC 32002 ~ ENG CONSTRUCTION MANAGEMENT DURING CONST. FOR THE DESIGN ENGINEER FOR SHOP DRAWING REVIEWS, DESIGN QUESTIONS, FIELD VISITS, etc.		
This task has not begun	L&G	0%

Supplemental #1 to Work Authorization#1 – Engineering Services required for the preparation of the ROW Mapping for 2.41 miles of Outfalls, Update the 10-year Field Surveys for Outfalls and Update the 10-year Field Surveys for Roadway Design

FC 13002 ~ FINALIZE ROW MAP FOR THE 2.41 MILES OF OUTFALLS (ESTIMATED 12 PARCELS)		
Contract has been generated with Sub ROWSS and scope of services was identified. ROWSS was provided with a preliminary schematic for their reference and all existing digital files.	L&G	10%
FC 13020 ~ FINALIZE ROW MAP FOR THE 2.41 MILES OF OUTFALLS (ESTIMATED 12 PARCELS)		
This task has not begun	ROWSS	0%
FC 15005 ~ UPDATE THE 10-YEAR FIELD SURVEYS FOR OUTFALLS		
Contract has been generated with Sub ROWSS and scope of services was identified. ROWSS was provided with a preliminary schematic for their reference and all existing digital files.	L&G	10%

FC 15006 ~ UPDATE THE 10-YEAR FIELD SURVEYS FOR ROADWAY DESIGN		
Contract has been generated with Sub ROWSS and scope of services was identified. ROWSS was provided with a preliminary schematic for their reference and all existing digital files.	L&G	10%
FC 15050 ~ UPDATE THE 10-YEAR FIELD SURVEYS FOR OUTFALLS		
This task has not begun	ROWSS	0%
FC 15060 ~ UPDATE THE 10-YEAR FIELD SURVEYS FOR ROADWAY DESIGN		
This task has not begun	ROWSS	0%

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

Sincerely,



Damien Tijerina, P.E
Project Manager