

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

**INVOICE#:** 11328682  
**INVOICE DATE:** 8/31/2021

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

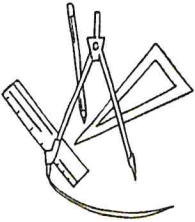
**JOB: 190201**  
FM 88 WA#1 (5th St. to FM 1925)  
PO# 795177

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of August 2021.						
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	26,085.00		26,085.00	100.0	-
11008-Update Schematic TxDOT	22,500.00	22,500.00		22,500.00	100.0	-
11009-Pre ROW Ownership	22,500.00	22,500.00		22,500.00	100.0	-
11011-Update Schematic Roadway	39,690.00	39,690.00		39,690.00	100.0	-
11012-Update Schematic Intersections	22,500.00	22,500.00		22,500.00	100.0	-
12002-Public Invmt (PM)	49,942.00	49,942.00		49,942.00	100.0	-
12006-Env Doc TxDOT	54,000.00	54,000.00		54,000.00	100.0	-
15008-H&V Utilities	135,000.00	135,000.00		135,000.00	100.0	-
16005-PS&E Update	356,366.00	356,366.00		356,366.00	100.0	-
16006-Plans to TxDOT	30,000.00	30,000.00		30,000.00	100.0	-
16108-Hydro Mpa Update	45,000.00	45,000.00		45,000.00	100.0	-
16205-Signal Design	17,379.89	17,379.89		17,379.89	100.0	-
16206-Temp Signal Desgin	9,000.00	9,000.00		9,000.00	100.0	-
16250-Signal Design/SUB	2,620.11	2,620.11		2,620.11	100.0	-
16308-Permitted Utilities	69,919.00	69,919.00		69,919.00	100.0	-
16403-Project Management	10,000.00	10,000.00		10,000.00	100.0	-
32002-Const. Management	119,861.00		119,861.00	119,861.00	100.0	-
Sub Totals:	1,047,363.00	927,502.00	119,861.00	1,047,363.00		-
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	3,116.03		3,116.03	20.0	12,464.11
13020-ROW Mapping/SUB	54,000.00	10,800.00		10,800.00	20.0	43,200.00
15005-Field Surveys Outfalls	13,330.71	12,664.17		12,664.17	95.0	666.54
15006-Field Surveys Roadway	21,141.15	20,084.09		20,084.09	95.0	1,057.06
15050-Field Surveys Outfalls/SUB	77,085.00	73,231.00		73,231.00	95.0	3,854.00
15060-Field Surveys Roadway/SUB	105,426.00	99,906.00		99,906.00	94.8	5,520.00
Sub Totals:	286,563.00	219,801.29	0.00	219,801.29	76.7	66,761.71
Supplemental #2 to Work Authorization#1 - To reallocate funds from Construction Management to Project Management						
16403-Project Management	119,861.00		89,895.75	89,895.75	75.0	29,965.25
32002-Const. Management	-119,861.00		-119,861.00	-119,861.00	100.0	-
Sub Totals:	0.00	0.00	-29,965.25	-29,965.25		29,965.25
<b>TOTALS:</b>	<b>1,333,926.00</b>	<b>1,147,303.29</b>	<b>89,895.75</b>	<b>1,237,199.04</b>	<b>92.7</b>	<b>96,726.96</b>

ORIGINAL CONTRACT SUM \$ 1,047,363.00  
CHANGE BY CHANGE ORDER \$ 286,563.00  
CONTRACT SUM TO DATE \$ 1,333,926.00  
TOTAL COMPLETED TO DATE \$ 1,237,199.04  
LESS PREVIOUS INVOICES \$ 1,147,303.29  
CURRENT PAYMENT DUE \$ 89,895.75

PROJECT MANAGER'S SIGNATURE





September 1, 2021

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. Attached for your approval is our invoice for services rendered for the month of August 2021.

Attached you will find the following:

- 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
<b>FC 11005 ~ PRELIMINARY COMPENSABLE UTILITIES IDENTIFICATION ON SCHEMATIC OUTFALLS</b>		
No Update: This task is complete.	L&G	100%
<b>FC 11006 ~ CREATE A SCHEMATIC FOR THE 1.8 MILES OF OUTFALLS THAT DOESN'T EXIST</b>		
The Outfall schematics were submitted to TxDOT for their review and concurrence. <b>This task is complete.</b>	L&G	100%
<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 at a meeting with TxDOT, TxDOT concurred with the outfall typical sections. TxDOT has not submitted any comments on the final schematics. <b>This task is complete.</b>	L&G	100%

<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>		
<b>This task is complete.</b>	<b>L&amp;G</b>	<b>100%</b>
<b>FC 11012 ~ UPDATE SCHEMATIC OF INTERSECTION LAYOUTS WITH NEW TOPOG (2D &amp; 3D)</b>		
<b>This task is complete.</b>	<b>L&amp;G</b>	<b>100%</b>
<b>FC 12002 ~ PUBLIC INVOLVEMENT FOR THE RE-EVALUATION OF EA WITH STAKEHOLDERS WITH NO PUBLIC MEETING</b>		
<b>Update:</b> Because the design plans are being completed without requiring additional ROW, no additional public involvement is required. <b>This task is complete.</b>	<b>L&amp;G</b>	<b>100%</b>
<b>FC 12006 ~ RE-EVALUATION OF ENVIRONMENTAL DOCUMENT WITH TxDOT</b>		
<b>Update:</b> &G's Environmental Group prepared the draft reevaluation form, with corresponding attachments and updated the Environmental Permits Issues Commitments (EPIC) sheets for the PS&E, as submitted by the design group. No additional environmental documentation is required. <b>This task is complete.</b>	<b>L&amp;G</b>	<b>100%</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>		
<b>This task is complete.</b>	<b>L&amp;G</b>	<b>100%</b>
<b>FC 16005 ~ UPDATE THE PS&amp;E FOR THE OUTFALLS AND ROADWAY</b>		
Items and description codes have been updated based on the 2014 bid codes. General Notes have been updated to the latest 2014 version. The latest forms and certificates have been updated. The Engineer's estimate has been updated with the latest low bid prices. Plans have been internally reviewed by L&G staff in preparation for submittal to TxDOT. The PS&E package has been prepared for submittal. <b>This task is complete.</b>	<b>L&amp;G</b>	<b>100%</b>
<b>FC 16006 ~ CREATE 1 SET OF PLANS AND SUBMIT THROUGH TxDOT</b>		
The complete and final Plans, Specifications, and Estimate has been prepared and submitted to the County for their submittal to TxDOT. <b>This task is complete.</b>	<b>L&amp;G</b>	<b>100%</b>
<b>FC 16108 ~ UPDATE HYDROLOGICAL MAP FOR 2 OUTFALL DRAIN DITCHES OUTFALLS &amp; CAPACITIES</b>		
<b>This task is complete.</b>	<b>L&amp;G</b>	<b>100%</b>
<b>FC 16205 ~ UPDATE PERMANENT SIGNAL DESIGNS</b>		
The final signal design plans have been submitted and included into the plan set. <b>This task is complete.</b>	<b>L&amp;G</b>	<b>100%</b>
<b>FC 16206 ~ TEMPORARY SIGNAL DESIGNS DURING CONSTRUCTION</b>		
Modifications to the existing traffic signals has been incorporated into the plan set. <b>This task is complete.</b>	<b>L&amp;G</b>	<b>100%</b>

<b>FC 16250 ~ UPDATE PERMANENT SIGNAL DESIGNS / SUB</b>		
The signed & sealed plans for the updated permanent signal designs have been submitted to L&G Engineering for inclusion into the plan set. Loop detector locations, electrical design details, and traffic signal support structures have been completed. <b>This task is complete.</b>	<b>ETSI</b>	<b>100%</b>
<b>FC 16308 ~ UPDATE THE PERMITTED UTILITIES COORDINATION</b>		
Coordination continues between the City of Elsa and L&G Engineering. Additional electronic files have been submitted to the City of Elsa for their use in the design of the water and sewer lines. Final utility adjustment letters have been prepared and submitted to the utility companies. A final utility package has been prepared for submittal to TxDOT. <b>This task is complete.</b>	<b>L&amp;G</b>	<b>100%</b>
<b>FC 16403 ~ PROJECT MANAGEMENT TO INCLUDE COORDINATION WITH TxDOT, HCMPO, HIDALGO COUNTY, HCDD#1</b>		
Coordination has been completed. A final set of plans has been submitted to TxDOT. <b>This task is complete.</b>	<b>L&amp;G</b>	<b>100%</b>
<b>FC 32002 ~ ENG CONSTRUCTION MANAGEMENT DURING CONST. FOR THE DESIGN ENGINEER FOR SHOP DRAWING REVIEWS, DESIGN QUESTIONS, FIELD VISITS, etc.</b>		
This task has been zeroed out by Supplemental #2 to WA #1, which reallocates funds from Construction Management to Project Management approved on July 27 <sup>th</sup> , 2021.	<b>L&amp;G</b>	<b>100%</b>

**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**

<b>FC 13002 ~ FINALIZE ROW MAP FOR THE 2.41 MILES OF OUTFALLS (ESTIMATED 12 PARCELS)</b>		
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. Coordination continues with ROWSS to gather the needed ROW information. <b>No Invoice/No Update</b>	<b>L&amp;G</b>	<b>20%</b>
<b>FC 13020 ~ FINALIZE ROW MAP FOR THE 2.41 MILES OF OUTFALLS (ESTIMATED 12 PARCELS)</b>		
We have begun to reestablish the existing ROW along the outfalls to provide to L&G Engineering for their use. <b>No Invoice/No Update</b>	<b>ROWSS</b>	<b>20%</b>
<b>FC 15005 ~ UPDATE THE 10-YEAR FIELD SURVEYS FOR OUTFALLS</b>		
A final TOPO and TIN files for Outfall A and Outfall B have been submitted to L&G Engineering for review and concurrence. L&G has nearly finished the review of the TIN and TOPO files. <b>No Invoice/No Update</b>	<b>L&amp;G</b>	<b>95%</b>

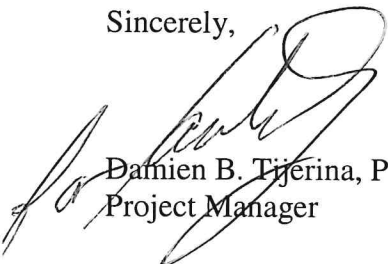
<b>FC 15006 ~ UPDATE THE 10-YEAR FIELD SURVEYS FOR ROADWAY DESIGN</b>		
A final TOPO and TIN files for the roadway has been submitted to L&G Engineering for review and concurrence. L&G has nearly finished the review of the TIN and TOPO files. <b>No Invoice/No Update</b>	<b>L&amp;G</b>	<b>95%</b>
<b>FC 15050 ~ UPDATE THE 10-YEAR FIELD SURVEYS FOR OUTFALLS</b>		
We have updated Outfall A and Outfall B Topographic information has been completed. A TIN (3D) file has been created for Outfall A and Outfall B. An updated Topographic dgn file and an updated TIN file have been submitted to L&G Engineering for final review. <b>No Invoice/No Update</b>	<b>ROWSS</b>	<b>95%</b>
<b>FC 15060 ~ UPDATE THE 10-YEAR FIELD SURVEYS FOR ROADWAY DESIGN</b>		
We have located additional improvements along the project limits and have nearly completed the cross section survey for the entire length of the project including at the intersections. Existing underground and overhead utilities have been tied down. We continue to tie down the existing drainage structures, irrigation crossings, culverts, signs, and driveways. All cross streets have been surveyed Our field crews continue with the survey. <b>No Invoice/No Update</b>	<b>ROWSS</b>	<b>94.8%</b>

**Supplemental #2 to Work Authorization#1 – To reallocate funds from Construction Management to Project Management**

<b>FC 16403 ~ ENGINEERING PROJECT MANAGEMENT</b>		
L&G Engineering has continued to coordinate with TxDOT and the County at the monthly meetings for this project. We have responded to requests by TxDOT's Project manager for Microstation design files by providing the county with the dropbox links that contain the DGN files. All design files were uploaded to the dropbox link as per TxDOT's standard protocol for on-system projects. No additional requests have been made by TxDOT or the County.	<b>L&amp;G</b>	<b>75%</b>
<b>FC 32002 ~ ENG CONSTRUCTION MANAGEMENT DURING CONST. FOR THE DESIGN ENGINEER FOR SHOP DRAWING REVIEWS, DESIGN QUESTIONS, FIELD VISITS, etc.</b>		
This task has been zeroed out by Supplemental #2 to WA #1, which reallocates funds from Construction Management to Project Management approved on July 27 <sup>th</sup> , 2021.	<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,



Damien B. Tijerina, P.E.  
Project Manager

Attachments

