

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

INVOICE#: 11328433
INVOICE DATE: 1/8/2021

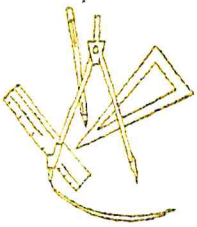
BILL TO: 34
Hidalgo County Pct. #1
902 Joe Stephens
Weslaco, TX 78599

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 December 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	15,750.00	22,500.00	100.0	-
12002-Public Invmnt (PM)	49,942.00	16,980.28		16,980.28	34.0	32,961.72
12006-Env Doc TxDOT	54,000.00	20,520.00		20,520.00	38.0	33,480.00
15008-H&V Utilities	135,000.00	114,750.00		114,750.00	85.0	20,250.00
16005-PS&E Update	356,366.00	196,001.30	35,636.60	231,637.90	65.0	124,728.10
16006-Plans to TxDOT	30,000.00	0.00		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		0.00	0.0	2,620.11
16308-Permitted Utilities	69,919.00	55,935.20		55,935.20	80.0	13,983.80
16403-Project Management	10,000.00	5,500.00	500.00	6,000.00	60.0	4,000.00
32002-Const. Management	119,861.00	0.00		0.00	0.0	119,861.00
Sub Totals:	1,047,363.00	574,449.82	51,886.60	626,336.42		421,026.58
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
TOTALS:	1,333,926.00	794,251.11	51,886.60	846,137.71	63.4	487,788.29

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 \$ 846,137.71
LESS PREVIOUS INVOICES \$ 794,251.11
CURRENT PAYMENT DUE \$ 51,886.60


PROJECT MANAGER'S SIGNATURE



January 4, 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: 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 during the month of December 2020.

Attached you will find the following:

- 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

		% 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 Outfall schematics were submitted to TxDOT for their review and concurrence. No Invoice	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		
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. No Invoice/No Update	L&G	55%

FC 11009 ~ OFFICE SURVEYS FOR THE OUTFALLS SCHEMATIC (PREL. OWNERSHIP IDENTIFICATION AND PROPERTY RIGHTS) 1.8 MILES OF OUTFALLS		
This task is complete.	L&G	100%
FC 11011 ~ UPDATE THE SCHEMATIC FOR ROADWAY		
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. No Invoice/No Update	L&G	95%
FC 11012 ~ UPDATE SCHEMATIC OF INTERSECTION LAYOUTS WITH NEW TOPOG (2D & 3D)		
The intersection layouts have been updated as per the new design. The new TOPO and TIN have been used to tie the intersections in properly.	L&G	100%
FC 12002 ~ PUBLIC INVOLVEMENT FOR THE RE-EVALUATION OF EA WITH STAKEHOLDERS WITH NO PUBLIC MEETING		
L&G has prepared all mail outs in anticipation of approval from TxDOT on the notices; however, pending approval prior to sending out. No Invoice/No Update	L&G	34%
FC 12006 ~ RE-EVALUATION OF ENVIRONMENTAL DOCUMENT WITH TxDOT		
L&G is waiting on approval from TxDOT on Draft Re-Evaluation Form; however, have begun developing the Technical Reports in anticipation of approval. No Invoice/No Update	L&G	38%
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 has been coordinating with the surveyor and have identified the locations of the utilities that need to be tied down. Those utilities have been picked up in the field and L&G has begun the analysis on what impacts the proposed storm drain will have with the existing utility crossings. L&G is also making sure no utilities have been tied down. No Invoice/No Update	L&G	85%
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. 2D & 3D topographic information/TIN has been obtained from our surveyor. With this information finalized, 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. New cross sections have been run utilizing the updated TIN files.	L&G	65%


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 updated Hydrologic Map with existing and proposed ditch cross sections and the calculated CFS that each ditch can hold has been submitted to TxDOT for their review and concurrence. 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 held a Webex meeting with the City of Elsa to discuss their sanitary sewer lines and water lines. L&G showed the City the U&D sheets that had previously been sent to them. The City of Elsa mentioned that they did not have an engineering team to prepare plans for the sewer and water lines and would require assistance. L&G said that they would provide the City with TOPO, ROW, and the proposed FM 88 roadway for their use. No Invoice/No Update	L&G	80%
FC 16403 ~ PROJECT MANAGEMENT TO INCLUDE COORDINATION WITH TxDOT, HCMPO, HIDALGO COUNTY, HCDD#1		
Coordination continues between TxDOT, the precinct, and L&G Engineering. Meeting were held with TxDOT and the precinct.	L&G	60%
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

<p>FC 13002 ~ FINALIZE ROW MAP FOR THE 2.41 MILES OF OUTFALLS (ESTIMATED 12 PARCELS)</p>		
<p>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. No Invoice/No Update</p>	<p>L&G</p>	<p>20%</p>
<p>FC 13020 ~ FINALIZE ROW MAP FOR THE 2.41 MILES OF OUTFALLS (ESTIMATED 12 PARCELS)</p>		
<p>We have begun to reestablish the existing ROW along the outfalls to provide to L&G Engineering for their use. No Invoice/No Update</p>	<p>ROWSS</p>	<p>20%</p>
<p>FC 15005 ~ UPDATE THE 10-YEAR FIELD SURVEYS FOR OUTFALLS</p>		
<p>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. No Invoice/No Update</p>	<p>L&G</p>	<p>95%</p>
<p>FC 15006 ~ UPDATE THE 10-YEAR FIELD SURVEYS FOR ROADWAY DESIGN</p>		
<p>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. No Invoice/No Update</p>	<p>L&G</p>	<p>95%</p>
<p>FC 15050 ~ UPDATE THE 10-YEAR FIELD SURVEYS FOR OUTFALLS</p>		
<p>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. No Invoice/No Update</p>	<p>ROWSS</p>	<p>95%</p>
<p>FC 15060 ~ UPDATE THE 10-YEAR FIELD SURVEYS FOR ROADWAY DESIGN</p>		
<p>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. No Invoice/No Update</p>	<p>ROWSS</p>	<p>94.8%</p>

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

