

# L&G Consulting Engineers, Inc.

December 1, 2023

Hon. David Fuentes  
Hidalgo County Commissioner, Pct. #1  
**Attn: Ms. Katia Garcia**  
1902 Joe Stevens  
Weslaco, TX 78596

**RE: Mile 1 East Project – WA#1**  
**Limits: (From Bus 83 N to Mile 8)**  
**PO#868315 - L&G Project #230101**

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 November 2023.

The following is attached:

- L & G's Invoice (and sub consultant invoice, if applicable)
- Exhibit C – Work Schedule

## **Work Authorization#1 – Engineering services required for the preparation of the Re-Evaluation Document, Public Involvement, Schematic and Hydraulic Design**

		<b>% Complete</b>
<b>FC 13002 ~ UPDATE THE RIGHT-of-WAY MAP</b>		
Contract has been generated with Sub, Melden & Hunt, and scope of services was identified. Design files have been transferred and shared between the firms. A kick-off meeting with the surveyor was held to establish priorities and schedule.	<b>L&amp;G</b>	<b>20%</b>
<b>FC 13020 ~ UPDATE THE RIGHT-of-WAY MAP /SUB</b>		
This task has begun.	<b>M&amp;H</b>	<b>0%</b>
<b>FC 15004 ~ ADDITIONAL SURVEY WORK (TOPO &amp; 9 BENCHMARKS)</b>		
Contract has been generated with Sub, Melden & Hunt, and scope of services was identified. Design files have been transferred and shared between the firms. A kick-off meeting with the surveyor was held to establish priorities and schedule.	<b>L&amp;G</b>	<b>10%</b>

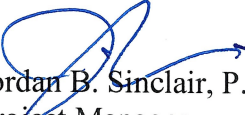
<b>FC 15007 ~ SUB-SURFACE UTILTIY ENGINEERING (SUE) 25 POT HOLES / MILE (ROADWAY AND OUTFALLS)</b>		
Contract has been generated with Sub, Melden & Hunt, and scope of services was identified. Meetings were held to identity the needed utilities that need tied down vertically.	<b>L&amp;G</b>	<b>20%</b>
<b>FC 15040 ~ ADDITIONAL SURVEY WORK (TOPO &amp; 9 BENCHMARKS) / SUB</b>		
This task has begun but data is being processed.	<b>M&amp;H</b>	<b>0%</b>
<b>FC 15070 - SUB-SURFACE UTILITY ENGINEERING (SUE) 25 POT HOLES / MILE (ROADWAY AND OUTFALLS) / SUB</b>		
This task has begun but data is being processed.	<b>M&amp;H</b>	<b>0%</b>
<b>FC 16004 ~ PS&amp;E DEVELOPMENT ROADWAY</b>		
L&G has completed the proposed alignment with field verifications and is proceeding to complete the Plans, Specifications and Estimates. Preliminary title sheet, index of sheets, typical sections, summary of quantities sheet, and project layout have been produced.	<b>L&amp;G</b>	<b>50%</b>
<b>FC 16005 ~ PS&amp;E DEVELOPMENT OUTFALL</b>		
L&G has completed the proposed alignment with field verifications and is proceeding to complete the Plans, Specifications and Estimates. Preliminary title sheet, index of sheets, typical sections, summary of quantities sheet, and project layout have been produced.	<b>L&amp;G</b>	<b>50%</b>
<b>FC 16204 ~ TRAFFIC SIGNAL DESIGNS, WARRANTS AND FLASHING BEACONS</b>		
Contract has been generated with Sub, ETSI Group LLC, and scope of services was identified. L&G has reviewed the draft warrant study report.	<b>L&amp;G</b>	<b>90%</b>
<b>FC 16240 ~ TRAFFIC SIGNAL DESIGNS, WARRANTS AND FLASHING BEACONS / SUB</b>		
Data collection and field investigation is complete. Assessment of collected data, crash analysis, collision diagrams, intersection exhibits, warrant analyses, and recommendations is 90% complete. A draft warrant study report has been submitted to L&G for review.	<b>ETSI</b>	<b>90.5%</b>
<b>FC 16308 ~ PERMITTED UTILITIES COORDINATION TO ADJUST</b>		
A list of permitted utilities based on utilities identified in the office and field is being developed. Initial Project Advisory Letters to the affected utility companies are being prepared.	<b>L&amp;G</b>	<b>30%</b>

<b>FC 16309 ~ COORDINATE RAILROAD EXHIBIT A IDENTIFYING RAILROAD SIGNALS AND MAST ARM DESIGNS</b>		
L&G has initiated correspondence with RVSC operations management and UPRR agency contacts. L&G has drafted a preliminary railroad Exhibit A for the preliminary engineering agreement with Union Pacific. Additional exhibits are being developed to support the preliminary engineering agreement application.	<b>L&amp;G</b>	<b>25%</b>
<b>FC 16311 ~ COORDINATE PERMIT ASSOCIATED WITH THE JACK AND BORE AGREEMENT</b>		
L&G has initiated correspondence contact with UPRR agency contacts. L&G has drafted a preliminary pipeline crossing application and prepared a preliminary Exhibit A.	<b>L&amp;G</b>	<b>15%</b>
<b>FC 16312 ~ COORDINATE A CONSTRUCTION MAINTENANCE AGREEMENT FOR THE PLANKING AND ARMS</b>		
L&G has drafted a preliminary railroad Exhibit A for the preliminary the maintenance agreement with Union Pacific.	<b>L&amp;G</b>	<b>10%</b>
<b>FC 16403 ~ PROJECT MANAGEMENT</b>		
The project contracts and management with the client and subcontracts have been generated as well as numerous meetings with client and stakeholders. L&G continues to provide project status updates in monthly meetings with TxDOT.	<b>L&amp;G</b>	<b>35%</b>
<b>FC 60001 ~ ROW ACQUISITION ADMINISTRATION</b>		
Project presence has been established at 900 S. Stewart Road in Mission, Texas 78572 @ L&G Engineering-Transportation Consulting Engineers Right of Way Office. The office is open during normal County and State work hours with available personnel to answer questions about the project.  Project files have been created and are maintained in the office. Personnel are available on a daily basis for project meetings determined by the County. Initial property owner list has been developed. L&G have negotiated title commitments and title insurance with a local, reputable title company who is available to begin work when needed.	<b>L&amp;G</b>	<b>40%</b>
<b>FC 60002 ~ TITLE SERVICES</b>		
This task has not begun.	<b>L&amp;G</b>	<b>0%</b>
<b>FC 60003 ~ APPRAISAL SERVICES</b>		
This task has not begun.	<b>L&amp;G</b>	<b>0%</b>
<b>FC 60004 ~ APPRAISAL REVIEW</b>		
This task has not begun.	<b>L&amp;G</b>	<b>0%</b>
<b>FC 60005 ~ PARCEL NEGOTIATION</b>		
This task has not begun.	<b>L&amp;G</b>	<b>0%</b>

<b>FC 60006 ~ CLOSING SERVICES</b>		
This task has not begun.	<b>L&amp;G</b>	<b>0%</b>
<b>FC 60030 ~ APPRAISAL SERVICES / SUB</b>		
This task has not begun.	<b>LEONEL</b>	<b>0%</b>
<b>FC 60040 ~ APPRAISAL REVIEW / SUB</b>		
This task has not begun.	<b>HLH</b>	<b>0%</b>
<b>FC 60101 ~ COMPENSABLE UTILITY MANAGEMENT</b>		
L&G has identified all the compensable utility lines from the rail road commission and with field visits to the project site. L&G is coordinating with the surveyor to identify any compensable utility lines to ensure they are identified in the PS&E.	<b>L&amp;G</b>	<b>30%</b>

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

Sincerely,

  
 Jordan B. Sinclair, P.E.  
 Project Manager

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

**INVOICE#:** 11329608  
**INVOICE DATE:** 11/30/2023

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

**JOB:** 230101  
Mile 1 E Rd Project WA#1  
(From: Bus 83 North to Mile 8 N)  
PO#868315

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
<b>Engineering services for the month of November 2023</b>						
Work Authorization #1 - Partial Engineering services required for the Update of Phase I Environmental, Schematic Design, Public Involvement, Surveys for Roadways, Outfalls and Right-of-Way Mapping.						
13002-Update ROW Mapping (100% of Total Estimate)	20,000.00	4,000.00		4,000.00	20.0	16,000.00
13020-Update ROW Map/SUB (100% of Total Estimate)	20,000.00			0.00	0.0	20,000.00
15004-Addtnl Srvy Wrk (TOPO & 9 Bnchmrks) (100% of Total Est)	37,420.00	3,742.00		3,742.00	10.0	33,678.00
15007-Sub-Surface Utility Engineering (100% of Total Estimate)	12,850.00	2,570.00		2,570.00	20.0	10,280.00
15040-Addtnl Srvy Wrk (TOPO & 9 Bnchmrks)/SUB (100% of Estim	37,420.00			0.00	0.0	37,420.00
15070-Sub-Surface Utility Eng/SUB (100% of Total Estimate)	12,150.00			0.00	0.0	12,150.00
16004-PS&E Development Roadway (27% of Total Estim)	184,000.00	73,600.00	18,400.00	92,000.00	50.0	92,000.00
16005-PS&E Development Outfalls (26% of Total Estimate)	49,162.19	19,664.88	4,916.22	24,581.10	50.0	24,581.09
16204-Signal Designs, Warrants (100% of Total Estimate)	24,909.96	7,472.99	14,945.97	22,418.96	90.0	2,491.00
16240-Signal Designs, Warrants/SUB (100% of Total Estimate)	25,090.04		22,701.46	22,701.46	90.5	2,388.58
16308-Permitted Utilities (33% of Total Estimate)	45,900.00	13,770.00		13,770.00	30.0	32,130.00
16309-Coord. w/RR Exhibit A (33% of Total Estimate)	30,000.00	6,000.00	1,500.00	7,500.00	25.0	22,500.00
16311-Coord. Permit Assoc. w/Jack & Bore (33% of Total Estim	22,500.00	3,375.00		3,375.00	15.0	19,125.00
16312-Coord. Const. Maintenance Agreem. (33% of Total Estimate)	22,500.00	2,250.00		2,250.00	10.0	20,250.00
16403-Project Management (10% of total Estimate)	28,203.33	8,461.00	1,410.17	9,871.17	35.0	18,332.16
60001-ROW Admin Acquisition (40% of Total Estimate)	89,000.00	26,700.00	8,900.00	35,600.00	40.0	53,400.00
60002-Title Services (40% of Total Estimate)	27,300.00			0.00	0.0	27,300.00
60003-Appraisal Services (40% of Total Estimate)	15,625.00			0.00	0.0	15,625.00
60004-Appraisal Review (40% of Total Estimate)	5,700.00			0.00	0.0	5,700.00
60005-Parcel Negotiations (40% of Total Estimate)	100,000.00			0.00	0.0	100,000.00
60006-Closing Services (40% of Total Estimate)	3,900.00			0.00	0.0	3,900.00
60030-Appraisal Services/SUB (40% of Total Estimate)	37,125.00			0.00	0.0	37,125.00
60040-Appraisal Review/SUB (40% of Total Estimate)	13,200.00			0.00	0.0	13,200.00
60101-Compensable Utility Management (33% of Total Estimate)	72,000.00	21,600.00		21,600.00	30.0	50,400.00
Sub Total	935,955.52	193,205.87	72,773.82	265,979.69		669,975.83
<b>TOTAL:</b>	<b>935,955.52</b>	<b>193,205.87</b>	<b>72,773.82</b>	<b>265,979.69</b>	<b>28.4</b>	<b>669,975.83</b>

  
PROJECT MANAGER'S SIGNATURE

ORIGINAL CONTRACT SUM	\$ 935,955.52
CHANGE BY CHANGE ORDER	
CONTRACT SUM TO DATE	\$ 935,955.52
TOTAL COMPLETED TO DATE	\$ 265,979.69
LESS PREVIOUS INVOICES	\$ 193,205.87
<b>CURRENT PAYMENT DUE</b>	<b>\$ 72,773.82</b>

**ETSI GROUP LLC**

5300 Hollister Road, Suite 220  
Houston, Texas 77040  
Tel. (713) 956-9601  
Fax (713) 956-9667  
TAX ID: 88-3569149

**INVOICE**

INVOICE NUMBER: G2023-11-1  
INVOICE DATE: 11/30/2023  
FOR SERVICES PROVIDED FROM: 09/12/2023  
TO: 11/30/2023

**TO:**  
Mr. Jacinto Garza, P.E.  
President  
L & G Engineering  
2100 W. Expressway 83  
Mercedes, Texas 78570

**PROJECT NAME:**  
MILE 1 EAST ROAD  
FROM BUS 83 TO MILE 8 NORTH ROAD  
TRAFFIC SIGNAL WARRANT STUDIES &  
TRAFFIC ENGINEERING DESIGN

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMNT INVOICED
	<u>CATEGORY A - TRAFFIC SIGNAL WARRANTS STUDIES</u>			
A.1	DATA COLLECTION & FIELD INVESTIGATION	100.00	\$904.21	\$904.21
A.2	ASSESSMENT OF COLLECTED DATA	90.00	\$677.41	\$609.67
A.3	CRASH ANALYSIS	90.00	\$2,023.22	\$1,820.90
A.4	COLLISION DIAGRAMS	90.00	\$2,023.22	\$1,820.90
A.5	INTERSECTION EXHIBITS	90.00	\$823.60	\$741.24
A.6	WARRANT ANALYSES	90.00	\$7,806.48	\$7,025.83
A.7	PHOTO ALBUM	90.00	\$1,050.40	\$945.36
A.8	RECOMMENDATIONS	90.00	\$1,348.84	\$1,213.96
A.9	WARRANT STUDY REPORT	90.00	\$2,882.66	\$2,594.39
	<u>EXPENSES (TRAFFIC COUNTS)</u>	100.00	4,500.00	\$4,500.00
	<u>EXPENSES (TRAVEL)</u>	50.00	1,050.00	\$525.00
	SUBTOTAL	90.48%	\$25,090.04	\$22,701.46

