

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

**INVOICE #: 11327916**  
**INVOICE DATE: 11/30/19**

**BILL TO: 34**

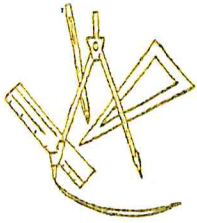
Hidalgo County Pct. #1  
 902 Joe Stephens  
 Weslaco, TX 78596

**JOB: 180701**

Mile 10 Project WA#1  
 (From: Mile 6 to FM 1015)  
 PO#796083

| <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> |
|--|-----------------|------------------------------|--------------------------|------------------------|----------------|--------------------------|
| Engineering services for the month of November 2019.   |                 |                              |                          |                        |                |                          |
| Work Authorization #1 - Engineering services required for the completion of the Environmental Document, Public Involvement and Schematic Design. |                 |                              |                          |                        |                |                          |
| 10201-Project Coord.   | 45,000.00       | 22,500.00                    | 2,250.00                 | 24,750.00              | 55.0           | 20,250.00                |
| 11002-Schm Rdwy Outf   | 236,640.00      | 118,320.00                   | 11,832.00                | 130,152.00             | 55.0           | 106,488.00               |
| 11005-Pre Comp Utlty   | 54,000.00       | 21,600.00                    | 2,700.00                 | 24,300.00              | 45.0           | 29,700.00                |
| 11007-Prelim ROW Req   | 70,000.00       | 31,500.00                    | 3,500.00                 | 35,000.00              | 50.0           | 35,000.00                |
| 11008-Schm Updt TxDO   | 30,000.00       | 7,500.00                     |                          | 7,500.00               | 25.0           | 22,500.00                |
| 11009-Pre ROW Outfal   | 35,000.00       | 15,750.00                    | 1,750.00                 | 17,500.00              | 50.0           | 17,500.00                |
| 11011-Traffic Data   | 18,288.72       | 18,288.72                    |                          | 18,288.72              | 100.0          |                          |
| 11012-Intersection   | 65,000.00       | 35,750.00                    | 3,250.00                 | 39,000.00              | 60.0           | 26,000.00                |
| 110110-Traffic Data  | 21,711.28       | 21,711.28                    |                          | 21,711.28              | 100.0          |                          |
| 12002-Pub Invmt (PM)   | 67,200.00       | 16,800.00                    | 2,016.00                 | 18,816.00              | 28.0           | 48,384.00                |
| 12003-Pub Invmt (PH)   | 27,000.00       |                              |                          |                        | 0.0            | 27,000.00                |
| 12006-Env Doc TxDOT  | 135,000.00      | 31,050.00                    | 2,700.00                 | 33,750.00              | 25.0           | 101,250.00               |
| 12007-Arch & Hist  | 12,000.00       | 1,680.00                     |                          | 1,680.00               | 14.0           | 10,320.00                |
| 12008-Eng/Pub Mtgs   | 31,500.00       | 5,355.00                     |                          | 5,355.00               | 17.0           | 26,145.00                |
| 12009-Eng/Pub Hearin   | 22,500.00       |                              |                          |                        | 0.0            | 22,500.00                |
| 12070-Arch & Hist/SU   | 18,000.00       |                              |                          |                        | 0.0            | 18,000.00                |
| 15005-Field Srvy Out   | 57,345.82       | 12,616.08                    |                          | 12,616.08              | 22.0           | 44,729.74                |
| 15006-Field Srvy Rdw   | 38,909.00       | 15,018.87                    |                          | 15,018.87              | 38.6           | 23,890.13                |
| 15007-Sub-Srfce Utlt   | 35,719.00       | 7,858.18                     |                          | 7,858.18               | 22.0           | 27,860.82                |
| 15050-Fld Srvy Out/S   | 20,836.00       | 2,086.00                     |                          | 2,086.00               | 10.0           | 18,750.00                |
| 15060-Field Surveys  | 135,091.00      | 55,945.00                    |                          | 55,945.00              | 41.4           | 79,146.00                |
| 15070-Sub-Surface Ut   | 50,000.00       |                              |                          |                        | 0.0            | 50,000.00                |
| 16101-Hydro Map  | 90,000.00       | 49,500.00                    | 4,500.00                 | 54,000.00              | 60.0           | 36,000.00                |
| 16204-Sign Warrants  | 2,038.53        | 1,954.95                     |                          | 1,954.95               | 95.9           | 83.58                    |
| 16240-Signal Warrant   | 51,961.47       | 49,808.99                    |                          | 49,808.99              | 95.9           | 2,152.48                 |
| TOTALS:  | 1,370,740.82    | 542,593.07                   | 34,498.00                | 577,091.07             | 42.1           | 793,649.75               |





December 2, 2019

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

**RE: Mile 10 Project – WA#1  
Limits: Mile 6 to FM 1015  
PO#796083 - L&G Project#180701**

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 2019.

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 completion of the Environmental Document, Public Involvement and Schematic Design**

|   |     | % Complete |
|---|-----|------------|
| <b>FC 10200 – DETERMINE OF LOCAL COST vs STATE COST and AGREEMENTS/AFA WITH TxDOT/LPA COORDINATION</b>  |     |            |
| L&G has completed several cost breakdowns for the City of Weslaco, Hidalgo County and HCDD#1 as this project was created and ICA's were signed by the City of Weslaco and Hidalgo County along with costs for the HCMPO. Cost participation for each entity was discussed with TxDOT.   | L&G | 55%        |
| <b>FC 11002 – SCHEMATIC FOR ROADWAY &amp; OUTFALLS</b>  |     |            |
| L&G has begun developing a preliminary best fit alignment. We will continue to develop the schematic in preparation for an upcoming public meeting. The Schematic has been presented to both the City of Weslaco and the County in its preliminary version. Letter was sent from Pct. 1 to TxDOT on July 15, 2019 on funding recommendations for outfalls. L&G has identified HCDD#1 2018 Bond projects. L&G has determined estimated ROW and construction costs for both outfalls. | L&G | 55%        |

|  |                |             |
|--|----------------|-------------|
| <b>FC 11005 – PRELIMINARY COMPENSABLE UTILITIES IDENTIFICATION ON SCHEMATIC (ROADWAY AND OUTFALLS)</b>   |                |             |
| L&G has begun identifying the utilities present on the preliminary schematic from our database. We are currently verifying their existence in the field and coordinating with the individual utility companies for their property interests. | <b>L&amp;G</b> | <b>45%</b>  |
| <b>FC 11007 – OFFICE SURVEYS FOR SCHEMATIC (PREL. OWNERSHIP IDENTIFICATION AND PROPERTY RIGHTS) ROADWAY</b>  |                |             |
| L&G has field verified multiple utilities along the project, uploaded the appraisal district database for property ownership and has begun placing the information on the preliminary schematic  | <b>L&amp;G</b> | <b>50%</b>  |
| <b>FC 11008 – UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TxDOT / FHWA</b>   |                |             |
| All design and computer files have been generated to fit TxDOT design requirements.<br><b>No change from prior invoice.</b>  | <b>L&amp;G</b> | <b>25%</b>  |
| <b>FC 11009 – OFFICE SURVEYS FOR SCHEMATIC (PREL. OWNERSHIP IDENTIFICATION AND PROPERTY RIGHTS) 1.5 MILES OF OUTFALLS</b>  |                |             |
| Property owners have been mapped and identified on the proposed schematics based on the appraisal district records and preliminary research of deeds. Outfall schematics have been forwarded to HCDD#1 for their concurrence.                | <b>L&amp;G</b> | <b>50%</b>  |
| <b>FC 11011 – TRAFFIC DATA REQUEST AS PER TxDOT DIRECTIVE</b>  |                |             |
| L&G executed W.A. with C&M (sub) and have received traffic analysis. L&G have forwarded analysis to TxDOT for their approval.<br><b>This task is now complete.</b>   | <b>L&amp;G</b> | <b>100%</b> |
| <b>FC 11012 – SCHEMATIC LAYOUT FOR INTERSECTION LAYOUTS (MILE 5 ½, FM 88 Mile 4 ½, Mile 4, Mile 3 ½, FM 1015</b>   |                |             |
| These layouts are being developed for all major intersections. Left turn lanes will be provided at all intersections.  | <b>L&amp;G</b> | <b>60%</b>  |
| <b>FC 110110 - TRAFFIC DATA REQUEST AS PER TxDOT DIRECTIVE</b>   |                |             |
| Contract was generated with sub (C&M) and scope of services was identified. C&M has now completed their traffic analysis and have submitted to L&G for review and further processing.<br><b>This task is now complete.</b>                   | <b>C&amp;M</b> | <b>100%</b> |

|  |                 |            |
|--|-----------------|------------|
| <b>FC 12002 – PUBLIC INVOLVEMENT FOR THE PROJECT WITH STAKEHOLDERS AND 1 PUBLIC MEETING</b>  |                 |            |
| L&G continues to update and verify the mailing list. L&G continues to update notices, exhibits, agenda packets, and presentation materials with the latest information.  | <b>L&amp;G</b>  | <b>28%</b> |
| <b>FC 12003 – EITHER ADDRESS THE PUBLIC OR HOLD 1 PUBLIC HEARING</b>   |                 |            |
| <b>This task has not begun.</b>  | <b>L&amp;G</b>  | <b>0%</b>  |
| <b>FC 12006 – ENVIRONMENTAL DOCUMENT WITH TxDOT</b>  |                 |            |
| L&G is updating the scoping documentation & corresponding attachments with the latest project information and new forms provided by TxDOT. L&G has begun framing the necessary technical reports based on TxDOT's new forms. | <b>L&amp;G</b>  | <b>25%</b> |
| <b>FC 12007 - ARCHEOLOGICAL AND HISTORICAL RESEARCH</b>  |                 |            |
| <b>No change from prior invoice.</b><br>L&G continues to update the fact sheet, shapefiles, and map packet with the latest project information to provide to the sub.  | <b>L&amp;G</b>  | <b>14%</b> |
| <b>FC 12008 – ENGINEERING TECHNICAL SUPPORT AT PUBLIC MEETINGS WITH LAYOUTS etc.</b>   |                 |            |
| <b>No change from prior invoice.</b><br>A number of preliminary layouts have been presented to the City of Weslaco, the County and HCDD#1.   | <b>L&amp;G</b>  | <b>17%</b> |
| <b>FC 12009 – ENGINEERING TECHNICAL SUPPORT TO ADDRESS PUBLIC HEARING WITH LAYOUTS etc.</b>  |                 |            |
| <b>This task has not begun</b>   | <b>L&amp;G</b>  | <b>0%</b>  |
| <b>FC 12070 – ARCHEOLOGICAL AND HISTORICAL RESEARCH / SUB</b>  |                 |            |
| <b>This task has not begun</b>   | <b>AmaTerra</b> | <b>0%</b>  |
| <b>FC 15005 – FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF OUTFALLS</b>  |                 |            |
| <b>No change from prior invoice.</b><br>Contracts and cost proposals have been completed for this task with subs.  | <b>L&amp;G</b>  | <b>22%</b> |

|  |                |              |
|--|----------------|--------------|
| <b>FC 15006 – FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF ROADWAY</b>   |                |              |
| <b>No change from prior invoice.</b><br>L&G Engineering has completed the design survey contracts with the surveyor and identified limits of the surveys and outfalls. The surveyor was provided with a preliminary schematic for their reference and limits of the various outfalls identified. L&G has reviewed all survey work completed to date for accuracy.  | <b>L&amp;G</b> | <b>38.6%</b> |
| <b>FC 15007 – SUB-SURFACE UTILITY ENGINEERING (SUE) 25 POT HOLES / MILE</b>  |                |              |
| <b>No change from prior invoice.</b><br>Contracts and cost proposals have been completed for this task with subs.  | <b>L&amp;G</b> | <b>22%</b>   |
| <b>FC 15050 - FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF OUTFALLS / SUB</b>  |                |              |
| ROWSS (sub) has begun preliminary work on outfalls.<br><b>No change from prior invoice.</b>  | <b>ROWSS</b>   | <b>10%</b>   |
| <b>FC 15060 - FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF ROADWAY / SUB</b>   |                |              |
| <b>No change from prior invoice.</b><br>ROWSS (sub) has performed the following to date: <ul style="list-style-type: none"> <li>• Began establishing primary and secondary control</li> <li>• Completed BM's throughout the project. Has provided Vertical Control sheets</li> <li>• In the process of recovering existing ROW</li> <li>• In the process of establishing/recovering existing centerline of roadway.</li> </ul> | <b>ROWSS</b>   | <b>41.4%</b> |
| <b>FC 15070 - SUB-SURFACE UTILITY ENGINEERING (SUE) 25 POT HOLES / MILE / SUB</b>  |                |              |
| <b>This task has not begun.</b>  | <b>ROWSS</b>   | <b>0%</b>    |
| <b>FC 16101 – HYDROLOGICAL MAP FOR 4 OUTFALL DRAIN DITCHES (OUTFALL AND CAPACITIES)</b>  |                |              |
| L&G has begun developing a preliminary Hydrologic Map. We will continue to develop the Hydrologic Map in preparation for the upcoming public meeting.  | <b>L&amp;G</b> | <b>60%</b>   |
| <b>FC 16204 – TRAFFIC SIGNAL WARRANTS (6 LOCATIONS)</b>  |                |              |
| <b>No change from prior invoice.</b><br>Contract has been executed with Sub ETSI and scope of services was identified. ETSI was provided with a preliminary schematic and digital file for their reference. L&G has reviewed Warrant studies and has included recommendations on schematic.  | <b>L&amp;G</b> | <b>95.9%</b> |

| FC 16240 – TRAFFIC SIGNAL WARRANTS (6 LOCATIONS) / SUB  |             |              |
|---|-------------|--------------|
| <p><b>No change from prior invoice.</b><br/> E.T.S.I. (sub) is approximately 96% complete with their Traffic Signal and Multi-Way Stop Warrant Study. The following tasks have been performed:</p> <ul style="list-style-type: none"> <li>* Collection of data and conduction of field investigations</li> <li>* Assessment of collected data</li> <li>* Accident data and analysis</li> <li>* Collision diagrams</li> <li>* Intersection exhibits</li> <li>* Warrant Analysis</li> <li>* Photo Album</li> <li>* Recommendations</li> <li>* Warrant Study Report</li> </ul> | <b>ETSI</b> | <b>95.9%</b> |

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

Sincerely,



Carlos Peralez, P.E.  
Project Manager

