

March 1, 2017

Hidalgo County Executive Office
Attn: Monica Salinas Badillo, Court Administrator
2818 S. Bus. Hwy 281
Edinburg, TX 78539

RE: SH 107/Bus 281 Intersection & Drainage Improvements (Limits: At Courthouse Square & Outfall) PO#750481 - L&G Project#161501

Dear Ms. Badillo:

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 February 2017.

- L & G's Invoice
- Exhibit C – Work Schedule

Work Authorization #1

| FC 11002 ~ CATEGORY III TRAFFIC IMPACT ANALYSIS STUDY | | % Complete |
|--|----------------|-------------------|
| UPDATED: L&G continues to coordinate the efforts of the Traffic Impact Analysis Study. We have provided Hidalgo County, City of Edinburg as well as HCMPO with the preliminary trip generation model. We held a status meeting with County Staff on February 21 st to update them on the progress of the TIA. | L&G | 54% |
| FC 11005 ~ DESIGN SCHEMATIC FOR TRAFFIC CIRCULATION AND OUTFALLS | | |
| UPDATED: L&G has prepared the schematic for the outfall preferred alternative. However after meeting with TxDOT they requested we provide schematics for 2 other alternatives. We are in the process of preparing the additional schematics. We will analyze each option via a constraints matrix to determine the most feasible and prudent route to pursue. | L&G | 50% |
| FC 11006 ~ OFFICE SURVEYS FOR SCHEMATIC (PRELIM. OWNERSHIP ID & PROP. RIGHTS) | | |
| UPDATED: L&G has field verified multiple utilities along the project, uploaded the appraisal district database for property ownership and has continued to place the information on the preliminary schematic. L&G has coordinated with the City of Edinburg regarding their water, sewer and storm lines in the downtown area as well as any easement information they might have. | L&G | 60% |
| FC 11008 ~ UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TxDOT/FHWA | | |
| UPDATED: TxDOT has commented they would like to see a couple of different options for the outfall location. We have begun developing the options along with the preferred option and are setting up a meeting to discuss with TxDOT. | L&G | 20% |

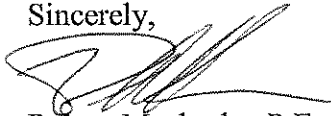
| | | |
|---|-----------------|--------------|
| FC 11020 ~ CATEGORY III IMPACT ANALYSIS STUDY / SUB | | |
| UPDATED: All traffic counts and field investigations have been completed. ETSI has developed the baseline & future land use databases as well as the trip generation rates. L&G has submitted these models to Hidalgo County, City of Edinburg & HCMPO for comment. | ETSI | 54.3% |
| FC 12001 ~ EA REPORTS | | |
| NO UPDATE: The project has been initiated with TxDOT. The scoping document/development tool and corresponding attachments have been prepared. | L&G | 10% |
| FC 12002 – PUBLIC INVOLVEMENT WITH STAKEHOLDERS AND 1 PUBLIC MEETING | | |
| NO UPDATE: This task has not started. | L&G | 0% |
| FC 12003 ~ PUBLIC INVOLVEMENT WITH STAKEHOLDERS AND 1 PUBLIC MEETING | | |
| NO UPDATE: This task has not started. | L&G | 0% |
| FC 12007 ~ ARCHEOLOGICAL AND HISTORICAL RESEARCH | | |
| NO UPDATE: This task has not started. | L&G | 0% |
| FC 12008 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC MEETINGS WITH LAYOUTS, ETC. | | |
| NO UPDATE: L&G continues to develop the required exhibits in preparation for the needed public meeting to be scheduled in the near future. We have provided TxDOT with a detailed plan of action and have received their approval via a letter received December 16, 2016. We will now set up a DCC meeting in order to facilitate the public meeting. | L&G | 30% |
| FC 12009 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC HEARINGS WITH LAYOUTS, ETC. | | |
| NO UPDATE: This task has not started. | L&G | 0% |
| FC 12070 ~ ARCHEOLOGICAL AND HIST RESEARCH / SUB | | |
| NO UPDATE: This task has not started. | AmaTerra | 0% |
| FC 13007 ~ SUB-SURFACE UTILITY ENG. FOR RDWYS SURROUNDING COURTHOUSE | | |
| NO UPDATE: L&G has coordinated with the surveyor and identified all of the utility lines for the needed SUE work based on the existing crossings that could potentially impact the proposed storm sewer system. | L&G | 10% |
| FC 13070 ~ SUB-SURFACE UTILITY ENG. FOR RDWYS SURROUNDING COURTHOUSE / SUB | | |
| NO UPDATE: ROWSS has begun the preliminary utility research and preliminary utility mapping. They have provided a map identifying all of the existing utilities along the corridor and we will meet within the next week to discuss all of the SUE locations. | ROWSS | 10% |

| | | |
|--|----------------|--------------|
| FC 15001 ~ FIELD SURVEY FOR DESIGN & EXIST ROW MAPPING | | |
| NO UPDATE: L&G has coordinated with the surveyor and identified priority areas for the existing ROW Mapping and provided them with boundaries for their design survey work. L&G has reviewed their topo & basemap. | L&G | 85% |
| FC 15010 ~ FIELD SURVEY FOR DESIGN & EXIST ROW MAPPING / SUB | | |
| UPDATED: ROWSS has recovered the preliminary boundary & ROW corners along SH 107 & one block outside of the courthouse square. Secondary project control points have been set along SH 107 and the courthouse square with horizontal values established by GPS RTK methods and vertical values by digital level loop holding elevation 100.09'. ROWSS has provided the basemap of the existing ROW and 2D/3D topographic files for our review. | ROWSS | 84.4% |
| FC 16101 ~ HYDROLOGICAL MAP | | |
| UPDATED: L&G continues to develop the preliminary Hydrologic Map in preparation for an upcoming public meeting. We have provided TxDOT with a detailed plan of action and have received their approval via a letter received December 16, 2016. We have held a DCC meeting in order to discuss the outfall options. | L&G | 50% |
| FC 16302 ~ DEVELOP CONCEPTUAL TRAFFIC CONTROL PLAN OF SH 107 DRAINAGE STRUCTURES | | |
| UPDATED: L&G has developed a conceptual TCP plan including Typical Sections, Layouts and Sequence of Construction for the possible construction along SH 107. Special note is being taken to make sure that a minimal impact to the travelling public is being made. | L&G | 50% |
| FC 16307 ~ PRELIMINARY COMPENSABLE UTILITY IDENTIFICATION OF SCHEMATIC | | |
| NO UPDATE: L&G has identified 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 interest. We have begun researching all of the utility lines within the Courthouse Square and will proceed accordingly based on the recommendations of TxDOT's correspondence. | L&G | 40% |
| FC 60001 ~ ROW ACQUISITION PROCESS OF BUSINESS 281 @ COURTHOUSE SQUARE CLOSURE | | |
| <ul style="list-style-type: none"> • 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 as determined by the County. • We have received TxDOT's verification that there is no reversionary clause in the current ROW easement dedication and thus the current Bus 281 ROW would be treated as surplus property. We will begin to facilitate the surplus property process accordingly. | L&G | 20% |

| | | |
|---|----------------|------------|
| FC 60101 ~ COMPENSABLE UTILITY COORDINATION FOR BUSINESS 281 @ COURTHOUSE SQUARE | | |
| <p>NO UPDATE: L&G continues to research the existing deeds and ROW easement documents along Business 281 within the courthouse square and has coordinated correspondence to TxDOT for their concurrence with our plan of action for the adjustment of the utilities along the proposed abandoned ROW. We have received their determination via a letter received December 16, 2016 wherein TxDOT stated that all utilities within the existing Bus 281 ROW would need to relocate their lines at their expense or reach an agreement with the new owner of record to remain in place. We will now proceed accordingly.</p> | L&G | 30% |

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

Sincerely,



Robert Macheska, P.E., CFM
Project Manager

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

INVOICE #: 11326180
INVOICE DATE: 02/28/17

BILL TO: 100

Hidalgo County Executive Office
 2818 S. Bus. Hwy 281
 Edinburg, TX 78539

JOB: 161501

SH 107/Bus 281 Intersection &
 Drainage Improv. (@ Courthouse
 Square & Outfall) PO#750481

| DESCRIPTION | CONTRACT | PREVIOUS APPLICATIONS | CURRENT COMPLETED | TOTAL COMPLETED | % COMPL | BALANCE TO FINISH |
|--|---------------------|-----------------------|-------------------|-------------------|-------------|---------------------|
| Engineering services for the month of February 2017. | | | | | | |
| 11002-Traffic Evalu | 30,000.00 | 11,400.00 | 4,800.00 | 16,200.00 | 54.0 | 13,800.00 |
| 11005-Schem Developm | 320,000.00 | 128,000.00 | 32,000.00 | 160,000.00 | 50.0 | 160,000.00 |
| 11006-Pre1. ROW Requ | 31,500.00 | 15,750.00 | 3,150.00 | 18,900.00 | 60.0 | 12,600.00 |
| 11008-Schm Rdwy TxD0 | 31,500.00 | 3,150.00 | 3,150.00 | 6,300.00 | 20.0 | 25,200.00 |
| 11020-Traffic Eval/SU | 130,613.38 | 49,665.44 | 21,239.88 | 70,905.32 | 54.3 | 59,708.06 |
| 12001-EA Reports | 110,822.80 | 11,082.28 | | 11,082.28 | 10.0 | 99,740.52 |
| 12002-Pub Invmnt (PM) | 38,759.68 | | | | 0.0 | 38,759.68 |
| 12003-Pub Invmnt (PH) | 38,986.08 | | | | 0.0 | 38,986.08 |
| 12007-Arch & Hist | 8,042.86 | | | | 0.0 | 8,042.86 |
| 12008-Eng/Pub Mtgs | 42,000.00 | 12,600.00 | | 12,600.00 | 30.0 | 29,400.00 |
| 12009-Eng/Pub Hearin | 26,250.00 | | | | 0.0 | 26,250.00 |
| 12070-Arch & Hist/SU | 17,537.20 | | | | 0.0 | 17,537.20 |
| 13007-Sub-Surface Ut | 25,000.00 | 2,500.00 | | 2,500.00 | 10.0 | 22,500.00 |
| 13070-Sub-Surface Ut | 75,000.00 | 7,500.00 | | 7,500.00 | 10.0 | 67,500.00 |
| 15001-Field Survey | 50,479.00 | 42,907.15 | | 42,907.15 | 85.0 | 7,571.85 |
| 15010-Field Srvy/Sub | 167,521.00 | 141,353.00 | | 141,353.00 | 84.4 | 26,168.00 |
| 16101-Hydro Map | 75,000.00 | 30,000.00 | 7,500.00 | 37,500.00 | 50.0 | 37,500.00 |
| 16302-Traf Cntrl Pin | 72,000.00 | 28,800.00 | 7,200.00 | 36,000.00 | 50.0 | 36,000.00 |
| 16307- Pre1 Comp Uti | 63,000.00 | 25,200.00 | | 25,200.00 | 40.0 | 37,800.00 |
| 60001-ROW Req Admin | 216,000.00 | 43,200.00 | | 43,200.00 | 20.0 | 172,800.00 |
| 60101-Compens Utilit | 113,400.00 | 34,020.00 | | 34,020.00 | 30.0 | 79,380.00 |
| TOTALS: | 1,683,412.00 | 587,127.87 | 79,039.88 | 666,167.75 | 39.6 | 1,017,244.25 |

ORIGINAL CONTRACT SUM \$ 1,683,412.00
 CHANGE BY CHANGE ORDER \$ 0.00
 CONTRACT SUM TO DATE \$ 1,683,412.00
 TOTAL COMPLETED TO DATE \$ 666,167.75
 LESS PREVIOUS INVOICES \$ 587,127.87

PROJECT MANAGER'S SIGNATURE



INVOICE RECEIVED BY: *Becky S.* on *3/1/17*
 GOODS / SRVS RECEIVED BY: *Y. N. N. N.* on *2/26/2017*

CURRENT PAYMENT DUE

\$ 79,039.88

7-1350-419-40-125-035-0-710

JNB PO#750481

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

5300 Hollister Rd., Suite 220

Houston, Texas 77040

Tel. (713) 956-9601

Fax: (713) 956-9667

February 28, 2017

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

Reference: Invoice no. 2016-15-3 - Category III Traffic Impact Analysis
For the Hidalgo County Courthouse; in Edinburg, Texas

Dear Jacinto:

Attached for your handling is invoice no. 2016-15-3, for services provided in conjunction with the above referenced project. It reflects our effort for the months of December 2016 through February 2017.

Also, attached is a progress report for the project.

Please let me know if you need additional information. Thank you for giving us the opportunity to assist you with this project.

Sincerely,



Harry C. Simeonidis, P.E.

Attachments

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.**INVOICE**

5300 Hollister, Suite 220
 Houston, Texas 77040
 Tel. (713) 956-9601
 Fax (713) 956-9667
 TAX ID: 76-0583436



INVOICE NUMBER: 2016-15-3

INVOICE DATE: 02/28/2017

FOR SERVICES PROVIDED THROUGH: 2/28/2017

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

PROJECT NAME:
 CATEGORY III TRAFFIC IMPACT ANALYSIS
 HIDALGO COUNTY COURT HOUSE
 EDINBURG, TEXAS

| TASK NO. | DESCRIPTION OF SERVICES PROVIDED | % COMPLETE | TOTAL FEE | AMOUNT DUE |
|-------------------------------|---|------------|--------------|--------------------|
| I | Data collection & Field Investigation | 100.00 | \$12,182.88 | \$12,182.88 |
| II | Existing and Background Traffic Patterns | 100.00 | 16,443.96 | \$16,443.96 |
| III | Site Specific Generated traffic | 90.00 | \$8,799.64 | \$7,919.68 |
| IV | Total Traffic Conditions Scenario for Year 2026 | 35.00 | 9,026.52 | \$3,159.28 |
| V | Total Traffic Conditions Scenario for Years 2036 and 2046 | 35.00 | \$8,799.74 | \$3,079.91 |
| VI | Traffic Impact during Courthouse Construction | 0.00 | \$5,995.88 | \$0.00 |
| VII | Internal Circulation | 0.00 | \$9,575.56 | \$0.00 |
| VIII | Implementation Plan | 0.00 | \$6,064.88 | \$0.00 |
| IX | Project Coordination | 35.00 | \$12,318.92 | \$4,311.62 |
| X | Traffic Impact Analysis Report | 0.00 | \$16,472.40 | \$0.00 |
| | EXPENSES | | | |
| | Travel | 50.00 | \$2,250.00 | \$1,125.00 |
| | Traffic Counts | 100.00 | \$22,683.00 | \$22,683.00 |
| | Total | 54.29% | \$130,613.38 | \$70,905.32 |
| Amount Invoiced Previously | | | | \$49,665.44 |
| Total Due this Invoice | | | | \$21,239.88 |

PLEASE MAKE CHECKS PAYABLE TO:

Ergonomic Transportation Solutions, Inc.
 Attn: Harry Simeonidis
 P.O. Box 926333
 Houston, TX 77292-6333

THANK YOU FOR GIVING US THE OPPORTUNITY TO SERVE YOU

CATEGORY III TRAFFIC IMPACT ANALYSIS
CAUSED BY THE PROPOSED HIDALGO COUNTY COURT HOUSE AND
THE CITY OF EDINBURG'S DOWNTOWN MASTER PLAN
IN EDINBURG, TEXAS
PROGRESS REPORT AS OF FEBRUARY 28, 2016

ETSI's work progress this period can be summarized as follows:

TASK I – Data collection & Field Investigation (100% Complete)

- Completed all required traffic counts
- Completed Field Investigations
- Compiled and Assessed Field and Traffic Data

TASK II – Existing and Background Traffic Patterns (100% Complete)

- Balanced existing traffic counts
- Developed traffic model for existing roadway network
- Conducted traffic analysis for existing traffic conditions
- Prepared exhibits with traffic volumes and analysis results

TASK III – Site Specific Generated traffic (New Courthouse Generated Traffic Conditions Scenario) (90% Complete, Work in Progress)

- Developed baseline land use database
- Developed future land use database
- Developed trip generation rates for court house
- Developed future land use trip generations rates

TASK IV – Total Traffic Conditions Scenario for Year 2026 (35% Complete, Work in Progress)

- Developing baseline total traffic conditions
- Developing year 2026 total traffic conditions

TASK V – Total Traffic Conditions Scenario for Years 2036 and 2046 (35% Complete, Work in progress)

- Developing year 2036 and 2046 total traffic conditions

TASK VI – Traffic Impact during Courthouse Construction (0% Complete)

- No action

TASK VII – Internal Circulation (0% Complete)

- No action

TASK VIII – Implementation Plan (0% Complete)

- No action

TASK IX – Project Coordination (35% Complete)

- Continue coordination with L&G

TASK X – Traffic Impact Analysis Report (0% Complete)

- No action

PENDING ISSUES: No Pending issues.