

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

INVOICE #: 11326902
INVOICE DATE: 04/30/18

BILL TO: 34
Hidalgo County Pct. #1
902 Joe Stephens
Weslaco, TX 78596

JOB: 171101
Mile 6 Project - WA#1
From (Mile 9 to Mile 11)
PO#764347

| <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 April 2018. | | | | | | |
| 12006-Re-Evaluate EA | 15,000.00 | 4,500.00 | | 4,500.00 | 30.0 | 10,500.00 |
| 15006-Field Surveys | 29,930.00 | 21,287.50 | | 21,287.50 | 71.1 | 8,642.50 |
| 15060-Field Srvy/SUB | 30,820.00 | 28,271.00 | | 28,271.00 | 91.7 | 2,549.00 |
| 15070-Sub-Surface En | 12,500.00 | 4,000.00 | | 4,000.00 | 32.0 | 8,500.00 |
| 16004-PS&E Developm | 359,296.00 | 258,693.12 | 25,150.72 | 283,843.84 | 79.0 | 75,452.16 |
| 16006-Plans to TxDot | 66,000.00 | 6,600.00 | | 6,600.00 | 10.0 | 59,400.00 |
| 16250-Signal Desgin | 36,000.00 | | 3,600.00 | 3,600.00 | 10.0 | 32,400.00 |
| 16260-Tem. Sgnl Dsgn | 18,000.00 | | 1,800.00 | 1,800.00 | 10.0 | 16,200.00 |
| 16308-Permitted Utili | 108,000.00 | 64,800.00 | 5,400.00 | 70,200.00 | 65.0 | 37,800.00 |
| 60001-ROW Admin Aqu | 395,760.00 | 336,396.00 | | 336,396.00 | 85.0 | 59,364.00 |
| 60002-Title Services | 40,800.00 | 40,800.00 | | 40,800.00 | 100.0 | |
| 60003-Appraisal Srv | 53,000.00 | 53,000.00 | | 53,000.00 | 100.0 | |
| 60004-Appraisal Revi | 50,500.00 | 50,500.00 | | 50,500.00 | 100.0 | |
| 60005-Parcel Negotia | 272,000.00 | 200,000.00 | | 200,000.00 | 73.5 | 72,000.00 |
| 60006-Closing Servic | 13,600.00 | 1,800.00 | 600.00 | 2,400.00 | 17.6 | 11,200.00 |
| 60030- Aprsl Srv/SUB | 15,000.00 | 15,000.00 | | 15,000.00 | 100.0 | |
| 60040-Aprsl Rvw/SUB | 3,900.00 | 3,900.00 | | 3,900.00 | 100.0 | |
| 60100-Compensable Ut | 94,500.00 | 46,305.00 | 3,780.00 | 50,085.00 | 53.0 | 44,415.00 |
| TOTALS: | 1,614,606.00 | 1,135,852.62 | 40,330.72 | 1,176,183.34 | 72.8 | 438,422.66 |

ORIGINAL CONTRACT SUM \$ 1,614,606.00
CHANGE BY CHANGE ORDER \$ 0.00
CONTRACT SUM TO DATE \$ 1,614,606.00
TOTAL COMPLETED TO DATE \$ 1,176,183.34
LESS PREVIOUS INVOICES \$ 1,135,852.62

CURRENT PAYMENT DUE \$ 40,330.72


PROJECT MANAGER'S SIGNATURE



May 1, 2018

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

RE: Mile 6 Project – WA#1
Limits: Mile 9 to Mile 11
PO#764347 - L&G Project#171101

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 April 2018.

The following is attached:

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

Work Authorization#1

| | | % Complete |
|---|-------|------------|
| FC 12006 ~ Re-EVALUATION OF THE EA TO INCLUDE OUTFALLS IN PROJECT CONSTRUCTION | | |
| No change from prior invoice. | L&G | 30% |
| FC 15006 ~ FIELD SURVEYS FOR DESIGN AND CONSTRUCTION & SUB-SURFACE UTILITY ENGINEERING | | |
| No change from prior invoice. | L&G | 71.1% |
| FC 15060 ~ FIELD SURVEYS FOR DESIGN AND CONSTRUCTION/SUB | | |
| No change from prior invoice. | ROWSS | 91.7% |
| FC 15070 ~ SUB-SURFACE UTILITY ENGINEERING/SUB | | |
| No change from prior invoice. | ROWSS | 32% |

| | | |
|---|----------------|-------------|
| FC 16004 ~ PS&E DEVELOPMENT ROADWAY | | |
| <ul style="list-style-type: none"> ○ Roadway Design Storm sewers A, B and C have been completed. Utilities and Drainage sheets have been updated to reflect this. Preliminary design for outfall D is complete. Final design pending survey information north of Mile 11. ○ Canal Bypass Layouts for both canal bypasses are 80% complete. ○ TCP New sheets for canal bypasses have been added to TCP to account for open cut. | L&G | 79% |
| FC 16006 ~ PLANS SUBMITTED TO TxDOT | | |
| No change from prior invoice. | L&G | 10% |
| FC 16250 ~ PERMANENT SIGNAL DESIGNS (MILE 9, MILE 10, AND MILE 11) | | |
| ETSI (Sub) has coordinated with L&G and has begun work on signal layouts, including Condition Diagram, signal phasing and electrical schedules. | ETSI | 10% |
| FC 16260 ~ TEMPORARY SIGNAL DESIGNS DURING CONSTRUCTION | | |
| Traffic Control Plan has been submitted to ETSI (Sub) to design temporary signals during construction. ETSI has coordinated with L&G and has begun work on temporary signal layouts. | ETSI | 10% |
| FC 16308 ~ PERMITTED UTILITIES COORDINATION | | |
| Contact has been made to all utility companies. Binder has been prepared documenting all correspondence to and from utility owners. | L&G | 65% |
| FC 60001 ~ ROW ACQUISITION ADMINISTRATION | | |
| <p>NO UPDATE:</p> <ul style="list-style-type: none"> ○ Informational letters have been mailed out to all property owners. ○ Initial Offers have been now been mailed for 50 parcel owners. ○ Contact is now being made with property owners regarding offers. ○ Negotiations with property owners continue and working with them to clear title. ○ Closing requests continue to be submitted to Sierra Title. ○ L&G has now successfully acquired 14 parcels. Property owners have now been paid and deeds have been recorded. ○ L&G staff continues coordination with Pct #1 on project updates. | L&G | 85% |
| FC 60002 ~ TITLE SERVICES | | |
| This task is now complete. | L&G | 100% |

| | | |
|--|----------------|--------------|
| FC 60003 ~ APPRAISAL SERVICES | | |
| L&G Engineering is now in receipt of all appraisal reports. This task is now complete. | L&G | 100% |
| FC 60004 ~ APPRAISAL REVIEW | | |
| L&G Engineering is now in receipt of all review reports. This task is now complete. | L&G | 100% |
| FC 60005 ~ PARCEL NEGOTIATION | | |
| No Update: To date, L&G has sent 50 initial offers to property owners. Nineteen parcels are pending due to NAWSC easements and offers will be mailed in accordance with Work Authorization No.2. L&G ROW staff continues meeting with property owners to discuss offers made and Right of Way procedure so that parcels can be acquired for the County. | L&G | 73.5% |
| FC 60006 ~ CLOSING SERVICES | | |
| L&G continues with acquiring parcels with payment to property owners. Deeds have also now been recorded. | L&G | 17.6% |
| FC 60030 ~ APPRAISAL SERVICES / SUB | | |
| Professional Appraisal Services has finalized inspections on the remaining 6 parcels. L&G is now in receipt of all appraisal reports. This task is now complete. | PAS | 100% |
| FC 60040 ~ APPRAISAL REVIEW / SUB | | |
| HLH Appraisal Services has now completed all review reports. This task is now complete. | HLH | 100% |
| FC 60100 ~ COMPENSABLE UTILITY MANAGEMENT | | |
| L&G is coordinating the development of the Determination of Upper Limits package with NAWSC and the possible Lump Sum Utility Agreement with TxDOT. | L&G | 53% |

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

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

5300 Hollister Rd., Suite 220

Houston, Texas 77040

Tel. (713) 956-9601

Fax: (713) 956-9667

April 30, 2018

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

Reference: Invoice no. 2017-5-1 for Mile 6 West Road (from Mile 9 to Mile 11) Traffic Signal Design; Work Authorization No 26

Dear Jacinto:

Attached for your handling is invoice no. 2017-5-1, for services provided in conjunction with the above referenced project. It reflects our effort from April 1, 2018 to April 30, 2018.

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

INVOICE NUMBER: 2017-5-1
 INVOICE DATE: 04/30/2018
 FOR SERVICES PROVIDED FROM: 04/01/2018
 TO: 04/30/2018

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

PROJECT NAME: WA #26
 MILE 6 WEST ROAD
 FROM MILE 9 TO MILE 11
 TRAFFIC SIGNAL DESIGN

| TASK NO. | DESCRIPTION OF SERVICES PROVIDED | % COMPLETE | TOTAL FEE | AMOUNT INVOICED TO DATE | PREVIOUSLY INVOICED AMOUNT | AMOUNT DUE THIS INVOICE |
|-----------------|----------------------------------|------------|-------------|-------------------------|----------------------------|-------------------------|
| INVOICE SUMMARY | PERMANENT TRAFFIC SIGNAL DESIGN | 10.00% | \$36,000.00 | \$3,600.00 | \$0.00 | \$3,600.00 |
| | TEMPORARY TRAFFIC SIGNAL DESIGN | 10.00% | \$18,000.00 | \$1,800.00 | \$0.00 | \$1,800.00 |
| | TOTAL DUE | 10.00% | \$54,000.00 | \$5,400.00 | \$0.00 | \$5,400.00 |

TOTAL DUE THIS INVOICE: _____ **\$5,400.00**

SHEET 1 OF 2

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

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

INVOICE

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

INVOICE NUMBER: 2017-5-1
 INVOICE DATE: 04/30/2018
 FOR SERVICES PROVIDED FROM: 04/01/2018
 TO: 04/30/2018

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

PROJECT NAME: WA #26
 MILE 6 WEST ROAD
 FROM MILE 9 TO MILE 11
 TRAFFIC SIGNAL DESIGN

| TASK NO. | DESCRIPTION OF SERVICES PROVIDED | % COMPLETE | TOTAL FEE | AMNT INVOICED |
|----------|---|------------|-------------|---------------|
| 1 | GENERAL NOTES | 10.00 | \$987.80 | \$98.78 |
| 2 | BASIS OF ESTIMATE | 10.00 | \$2,225.69 | \$222.57 |
| 3 | CONDITION DIAGRAM | 10.00 | \$6,847.12 | \$684.71 |
| 4 | PROPOSED SIGNAL LAYOUTS | 10.00 | \$10,268.36 | \$1,026.84 |
| 5 | SIGNAL PHASING, TIMING | 10.00 | \$2,395.75 | \$239.58 |
| 6 | ELECTRICAL SCHEDULES | 10.00 | \$5,307.10 | \$530.71 |
| 7 | INTERSECTION MARKINGS, CURB CHAIR RAMPS | 10.00 | \$2,110.65 | \$211.07 |
| 8 | STANDARD SHEETS LIST | 10.00 | \$1,540.59 | \$154.06 |
| 9 | SPECIFICATIONS | 10.00 | \$2,280.70 | \$228.07 |
| 10 | COORDINATION AND MEETINGS | 10.00 | \$1,360.46 | \$136.05 |
| 11 | TEMPORARY TRAFFIC SIGNALS | 10.00 | \$18,000.00 | \$1,800.00 |
| | <u>EXPENSES</u> | 10.00 | 675.78 | \$67.58 |
| | SUBTOTAL | 10.00% | \$54,000.00 | \$5,400.00 |

MILE 6 WEST ROAD: FROM MILE 9 TO MILE 11; WA NO 26
TRAFFIC SIGNAL DESIGN
PROGRESS REPORT AS OF APRIL 30, 2018

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

SIGNAL DESIGN

TASK 1 – General Notes (20% Complete)

- Work in progress

TASK 2 – Basis of Estimate (10% Complete)

- Work in progress

TASK 3 – Condition Diagram (20% Complete)

- Work in progress

TASK 4 – Proposed Signal Layouts (10% Complete)

- Work in progress

TASK 5 – Signal Phasing and Timing (10% Complete)

- Work in progress

TASK 6 – Electrical Schedules (10% Complete)

- Work in progress

TASK 7 – Intersection Signing, Pavement Markings and Curb Ramps (10% Complete)

- Work in progress

TASK 8 – Standard Sheets List (10% complete)

- Work in progress

TASK 9 – Specifications (10% Complete)

- Work in progress

TASK 10 – Coordination and Meetings (10% complete)

- Continue coordination with L&G

TASK 11 – Temporary Traffic Signals (0% Complete)


- Pending

PENDING ISSUES:

- No Pending issues

EXHIBIT "C"
 WORK SCHEDULE
 Mile 6 Project
 From (Mile 9 to Mile 11)

| TASK AND DESCRIPTION | FIRM | 2017 | | | | | | | | | | 2018 | | | | | | | | | |
|---|------|------|-----|-----|-----|------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|-----|-----|-----|
| | | MAY | JUN | JUL | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEPT | OCT | NOV | DEC |
| <u>WORK AUTHORIZATION NO. 1</u> | | | | | | | | | | | | | | | | | | | | | |
| <u>PHASE II & III: ROW MAP, PS&E, ROW ACQ.</u> | | | | | | | | | | | | | | | | | | | | | |
| from Mile 9 to Mile 11 | | | | | | | | | | | | | | | | | | | | | |
| Re-Evaluation of the EA to include Outfalls in Project Construction | L&G | | | | | | | | | | | | | | | | | | | | |
| Field Surveys for Design and Construction of ROADWAY | L&G | | | | | | | | | | | | | | | | | | | | |
| Field Surveys for Design and Construction of OUTFALLS | L&G | | | | | | | | | | | | | | | | | | | | |
| PS&E Development Roadway | L&G | | | | | | | | | | | | | | | | | | | | |
| Sub-Surface Utility Engineering (SUE) | L&G | | | | | | | | | | | | | | | | | | | | |
| Permanent Signal Designs (Mile 9, Mile 10 and Mile 11) | L&G | | | | | | | | | | | | | | | | | | | | |
| Temporary Signal Designs during Construction | L&G | | | | | | | | | | | | | | | | | | | | |
| Permitted Utilities Coordination to Adjust | L&G | | | | | | | | | | | | | | | | | | | | |
| Right-of-Way Acquisition Services | L&G | | | | | | | | | | | | | | | | | | | | |
| Compensable Utility Management for Acquisition of Property Rights | L&G | | | | | | | | | | | | | | | | | | | | |

 L&G Engineering Tasks