



April 1, 2020

Mr. Armando Garza, Jr., Chief Administrator
Attn: Ms. Erika Zamora, Director of Administrative Operations
Hidalgo County Precinct No. 2
300 West Hall Acres Rd
Pharr, Texas 78589

RE: Eldora Road Project - Work Authorization No. 2
Limits: Jackson to Veterans Blvd
PO#764302 - L&G Project#151302

Dear Mr. Garza,

We are working toward a 90% PS&E submittal to TxDOT; however we have been waiting for the AFA to be executed and input into the TxDOT system before any submittals can be made. TxDOT just advised us that the TxDOT system has been updated and we can start up again on the project. Once the PS&E package is ready, we will submit to TxDOT for review and comment.

Attached to this progress report is:

- L&G's Invoice
- Work Schedule

Work Authorization #2 – PS&E, ROW Mapping and Surveying Services

| TASK | | % Complete |
|--|-------|------------|
| FC 13002 ~ ROW MAP | | |
| UPDATE: L&G has provided ROWSS with all project files for their incorporation into the ROW Map. L&G has met in the field with the surveyor to discuss project specifics. L&G has reviewed and provided comment on the surveyor's preliminary basemap. L&G has also provided the surveyor with a parcel schematic. | L&G | 80% |
| FC 13020 ~ ROW MAP / SUB | | |
| NO UPDATE: ROWSS continues work on the parcel descriptions and plat maps along with the project basemap. | ROWSS | 25% |
| FC 15030 ~ HORIZONTAL & VERTICAL CONTROL | | |
| NO UPDATE: ROWSS established control points every 1,000 feet along the project limits and have processed the data. This task is complete. | ROWSS | 100% |
| FC 15040 ~ TOPO/PLANIMETRIC | | |
| UPDATE: ROWSS has completed all fieldwork from throughout the project limits. ROWSS is working to tie down existing structures. | ROWSS | 75% |

| | | |
|---|----------------|-------------|
| FC 15070 ~ SUB-SURFACE UTILITY ENGINEERING | | |
| UPDATE: This task has not started, it will commence this month. | ROWSS | 31% |
| FC 15080 ~ FINAL REPORT & DELIVERABLES | | |
| NO UPDATE: ROWSS continues to process the field data to finalize the 2D & 3D deliverables as well as the final report. | ROWSS | 60% |
| FC 16004 ~ PS&E DEVELOPMENT | | |
| NO UPDATE: We continue to develop the plan set, including: typical sections, project layout, title sheet, P&P, U&D's & TCP layouts in preparation of a 90% submittal to TxDOT. | L&G | 88% |
| FC 16009 ~ UPDATE PS&E | | |
| NO UPDATE: This task has not started. | L&G | 0% |
| FC 16204 ~ SIGNAL WARRANTS | | |
| NO UPDATE: L&G has reviewed and approved ETSI's report. This task is complete. | L&G | 100% |
| FC 16240 ~ SIGNAL WARRANTS / SUB | | |
| NO UPDATE: The final report has been submitted and approved. This task is complete. | ETSI | 100% |
| FC 16250 ~ SIGNAL DESIGN | | |
| NO UPDATE: This task has not started. | ETSI | 0% |
| FC 16260 ~ FLASHING BEACON | | |
| NO UPDATE: This task has not started. | ETSI | 0% |
| FC 16308 ~ PERMITTED UTILITIES | | |
| NO UPDATE: L&G continues to coordinate with the utility companies on the project. We have requested system maps and have begun placing them on our U&D sheets. | L&G | 88% |
| FC 32001 ~ CONSTRUCTION MANAGEMENT | | |
| NO UPDATE: This task has not started. | L&G | 0% |
| FC 32040 ~ PROJECT MANAGEMENT | | |
| NO UPDATE: ROWSS continues to meet with the project manager as well as property owners to discuss all project parameters and any issues that have arisen. | ROWSS | 60% |
| FC 33001 ~ GEOTECHNICAL TESTING | | |
| NO UPDATE: This task is complete. | L&G | 100% |
| FC 33002 ~ GEOTECHNICAL ANALYSIS | | |
| NO UPDATE: This task is complete. | L&G | 100% |
| FC 33003 ~ GEOTECHNICAL REPORT | | |
| NO UPDATE: This task is complete. | L&G | 100% |

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

Sincerely,

For 
Reza Badiozzamani, 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 #: 11328085
INVOICE DATE: 03/31/20

BILL TO: 93

Hidalgo County Pct. #2
 300 W. Hall Acres, Suite G
 Pharr, TX 78577

JOB: 151302

Eldora Rd. Project WA#2
 FM 3662 (Jackson) to Veterans
 PO#764302

| <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 March 2020. | | | | | | |
| Work Authorization #2- PS&E, ROW Mapping and Surveying Services | | | | | | |
| 13002-ROW Mapping | 27,960.40 | 20,970.30 | 1,398.02 | 22,368.32 | 80.0 | 5,592.08 |
| 13020-ROW Map/Sub | 153,600.00 | 38,400.00 | | 38,400.00 | 25.0 | 115,200.00 |
| 15030-Horiz & Verti | 11,278.00 | 11,278.00 | | 11,278.00 | 100.0 | |
| 15040-Determin Topog | 72,764.00 | 32,686.00 | 14,175.00 | 46,861.00 | 64.4 | 25,903.00 |
| 15070-Sub-Surface | 29,000.00 | | 9,000.00 | 9,000.00 | 31.0 | 20,000.00 |
| 15080-Final Reports | 5,126.00 | 3,076.00 | | 3,076.00 | 60.0 | 2,050.00 |
| 16004-PS&E Develop | 814,598.52 | 716,846.70 | | 716,846.70 | 88.0 | 97,751.82 |
| 16009-PS&E Update | 66,833.28 | | | | 0.0 | 66,833.28 |
| 16204-Signal Warrant | 15,593.30 | 15,593.30 | | 15,593.30 | 100.0 | |
| 16240-Signal Warrant | 21,000.00 | 21,000.00 | | 21,000.00 | 100.0 | |
| 16250-Signal Design | 70,000.00 | | | | 0.0 | 70,000.00 |
| 16260-Flashing Beaco | 14,000.00 | | | | 0.0 | 14,000.00 |
| 16308-Permitted Utili | 168,017.10 | 147,855.05 | | 147,855.05 | 88.0 | 20,162.05 |
| 32001-Const. Mgmt | 189,015.70 | | | | 0.0 | 189,015.70 |
| 32040-Project Mgmt | 6,184.00 | 3,712.00 | | 3,712.00 | 60.0 | 2,472.00 |
| 33001-Geotech Testin | 22,225.80 | 22,225.80 | | 22,225.80 | 100.0 | |
| 33002-Geotech Analys | 71,477.36 | 71,477.36 | | 71,477.36 | 100.0 | |
| 33003-Geotech Report | 300.00 | 300.00 | | 300.00 | 100.0 | |
| TOTALS: | 1,758,973.46 | 1,105,420.51 | 24,573.02 | 1,129,993.53 | 64.2 | 628,979.93 |

ORIGINAL CONTRACT SUM \$ 1,758,973.46
 CHANGE BY CHANGE ORDER \$ 0.00
 CONTRACT SUM TO DATE \$ 1,758,973.46
 TOTAL COMPLETED TO DATE \$ 1,129,993.53
 LESS PREVIOUS INVOICES \$ 1,105,420.51


 PROJECT MANAGER'S SIGNATURE

CURRENT PAYMENT DUE \$ 24,573.02

R. O. W. Surveying Services, L.L.C.

900 S. Stewart Road, Suite 13
Mission, TX 78572
TBPLS Reg. # 10193886
956-424-3335

INVOICE

INVOICE NUMBER : **R20-012**
Date: **February 28, 2020**
Our Order No.: **R17089**

BILL TO:

Jacinto Garza, P.E.
L & G Engineering
Attn: **Reza Badiozzamani, P.E.**
2100 W. Expressway 83
Mercedes, Texas 78570

RE: **Eldora Road Project (Work Authorization No. 33)**
Limits: **From FM 3362 (Jackson Road) to "I" Road (Veterans Blvd.)**

| Task and Description | Contract Amount | Invoice to Date | Paid to Date | Current Amount Due | Contract Balance | AMOUNT |
|--|---------------------|---------------------|--------------------|--------------------|---------------------|-----------------|
| Phase 1 - Function Code 130 ROW Map | | | | | | |
| A. ROW Map, Parcel Description, Metes & Bounds Description, & Title Reports (48 Parcels) | \$153,600.00 | \$38,400.00 | \$38,400.00 | \$0.00 | \$115,200.00 | 25.00% |
| Sub-Total (FC 130): | \$153,600.00 | \$38,400.00 | \$38,400.00 | \$0.00 | \$115,200.00 | 25.00% |
| Phase 1 - Function Code 150 Field Surveying (Control Hz & Vt) | | | | | | |
| A. Primary Project Control | | | | | | |
| a. Establish Primary Control | \$1,839.00 | \$1,839.00 | \$1,839.00 | \$0.00 | \$0.00 | 100.00% |
| B. Secondary Project Control | | | | | | |
| a. Set additional secondary control points as needed | \$3,015.00 | \$3,015.00 | \$3,015.00 | \$0.00 | \$0.00 | 100.00% |
| b. Horizontal values established with RTK or VRS | \$2,495.00 | \$2,495.00 | \$2,495.00 | \$0.00 | \$0.00 | 100.00% |
| c. Vertical values established with digital level | \$3,929.00 | \$3,929.00 | \$3,929.00 | \$0.00 | \$0.00 | 100.00% |
| Phase 2 - DTM Topography and Cross Sections | | | | | | |
| C. Setting Benchmarks | | | | | | |
| 1. Setting benchmarks @ 1,000 ft. intervals (approximate count 12) | \$5,580.00 | \$5,580.00 | \$0.00 | \$5,580.00 | \$0.00 | 100.00% |
| 2. Topographic * Cross Sections | \$18,162.00 | \$13,622.00 | \$10,898.00 | \$2,724.00 | \$4,540.00 | 75.00% |
| 3. Locate Visible Utilities | \$5,196.00 | \$3,897.00 | \$3,118.00 | \$779.00 | \$1,299.00 | 75.00% |
| 4. Cross Culverts, Driveways Culverts, & Inverts | \$1,839.00 | \$1,380.00 | \$1,104.00 | \$276.00 | \$459.00 | 75.04% |
| 5. Right of Entry, ROW Research, & Appraisal District Records | \$2,164.00 | \$2,164.00 | \$2,164.00 | \$0.00 | \$0.00 | 100.00% |
| 6. Proposed centerline on existing pavement pre-construction for utilities | \$2,641.00 | \$0.00 | \$0.00 | \$0.00 | \$2,641.00 | 0.00% |
| 7. Profile & cross section intersecting streets | \$2,331.00 | \$1,749.00 | \$1,399.00 | \$350.00 | \$582.00 | 75.03% |
| 8. Irrigation Crossings | \$2,331.00 | \$1,749.00 | \$1,399.00 | \$350.00 | \$582.00 | 75.03% |
| 9. Existing storm drain H&V | \$2,495.00 | \$1,872.00 | \$1,497.00 | \$375.00 | \$623.00 | 75.03% |
| 10. Tie existing underground & overhead utilities coordinate with Engineer (No SUE) | \$3,439.00 | \$2,580.00 | \$2,064.00 | \$516.00 | \$859.00 | 75.02% |
| 11. Additional Field Surveying | | | | | | |
| a. Irrigation Lines | \$1,882.00 | \$1,412.00 | \$1,130.00 | \$282.00 | \$470.00 | 75.03% |
| b. Outfalls | \$1,671.00 | \$1,254.00 | \$1,003.00 | \$251.00 | \$417.00 | 75.04% |
| c. Driveways and turnouts | \$2,021.00 | \$1,516.00 | \$1,213.00 | \$303.00 | \$505.00 | 75.01% |
| 15. Profiles of Existing Drainage Facilities | \$2,185.00 | \$1,639.00 | \$1,311.00 | \$328.00 | \$546.00 | 75.01% |
| 17. Obtain Elevations of manholes & valves of utilities | \$2,185.00 | \$1,639.00 | \$1,311.00 | \$328.00 | \$546.00 | 75.01% |
| 18. Provide tem. Signs, traffic control, flags, safety equip., etc. | \$2,605.00 | \$1,954.00 | \$1,563.00 | \$391.00 | \$651.00 | 75.01% |
| 19. Ties to existing bridges or culverts that may be in conflict w/new construction | \$2,185.00 | \$1,639.00 | \$656.00 | \$0.00 | \$546.00 | 75.01% |
| 21. Inventory signs, mailboxes, and driveways | \$2,185.00 | \$1,639.00 | \$656.00 | \$0.00 | \$546.00 | 75.01% |
| 22. Survey control data sheets per TxDOT | \$2,148.00 | \$1,074.00 | \$0.00 | \$1,074.00 | \$1,074.00 | 50.00% |
| 23. Recover & establish existing CL & ROW | \$125.00 | \$94.00 | \$75.00 | \$19.00 | \$31.00 | 75.20% |
| 24. Coordinate with Engineer for existing CL Stationing | \$498.00 | \$374.00 | \$125.00 | \$249.00 | \$124.00 | 75.10% |
| 25. Right of Way Restaking (Pre-Construction) | \$3,678.00 | \$0.00 | \$0.00 | \$0.00 | \$3,678.00 | 0.00% |
| 26. SUE Level A Data Sheets | \$3,218.00 | \$0.00 | \$0.00 | \$0.00 | \$3,218.00 | 0.00% |
| Phase 3 - Subsurface Utility Engineering | | | | | | |
| 1. Hydro Excavation SUE Level A (20 miles): 58 holes | \$29,000.00 | \$9,000.00 | \$0.00 | \$9,000.00 | \$20,000.00 | 31.03% |
| Phase 4 - Final Report & Deliverables | | | | | | |
| A. CADD file (2D & 3D) for limits of project | \$1,640.00 | \$984.00 | \$984.00 | \$0.00 | \$656.00 | 60.00% |
| B. Final Report and Deliverables | \$3,486.00 | \$2,092.00 | \$2,092.00 | \$0.00 | \$1,394.00 | 60.01% |
| Project Management and Oversight | | | | | | |
| A. Meeting and Coordination w/ Engineers | \$3,092.00 | \$1,856.00 | \$1,856.00 | \$0.00 | \$1,236.00 | 60.03% |
| B. QC/QA Survey | \$3,092.00 | \$1,856.00 | \$1,856.00 | \$0.00 | \$1,236.00 | 60.03% |
| Sub-Total (FC 150): | \$124,352.00 | \$75,893.00 | \$50,752.00 | \$23,175.00 | \$48,459.00 | 61.0308% |
| GRAND TOTAL: | \$277,952.00 | \$114,293.00 | \$89,152.00 | | \$163,659.00 | 41.1197% |
| | | | TOTAL DUE: | \$23,175.00 | | |

DIRECT ALL INQUIRIES TO:
JULIO CERDA, P.E.
(956) 424-3335
email: julio@southtexasig.com

MAKE ALL CHECKS PAYABLE TO:
R. O. W. Surveying Services, L.L.C.
Attn: JULIO CERDA, P.E.
900 S. Stewart Road, Suite #13, Mission, Texas 78572

THANK YOU FOR YOUR BUSINESS!

