

L & G Consulting Engineers Inc

2100 W. Expressway 83

Mercedes, TX 78570

(956)565-9813 Fax (956)565-9018

INVOICE#: 11327760

INVOICE DATE: 8/31/2019

BILL TO: 93

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

PO # 750481
9-1350-431-00-124-206-0-710
Req # 306501
\$19,785.90

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 August 2019.

Work Authorization #1 - Preparation for the Traffic Impact Analysis, Environmental Assessment, Public Involvement, Schematic Design, Hydrologic Map and Disposition

| | | | | | | |
|------------------------|--------------|--------------|------|--------------|-------|------------|
| 11002-Traffic Evalu | 30,000.00 | 30,000.00 | | 30,000.00 | 100.0 | - |
| 11005-Schem Developm | 320,000.00 | 320,000.00 | | 320,000.00 | 100.0 | - |
| 11006-Prel. ROW Requ | 31,500.00 | 31,500.00 | | 31,500.00 | 100.0 | - |
| 11008-Schm Rdwy TxDOT | 31,500.00 | 29,925.00 | | 29,925.00 | 95.0 | 1,575.00 |
| 11020-Traffic Eval/SUB | 130,613.38 | 130,613.38 | | 130,613.38 | 100.0 | - |
| 12001-EA Reports | 110,822.80 | 99,740.52 | | 99,740.52 | 90.0 | 11,082.28 |
| 12002-Pub Invmnt (PM) | 38,759.68 | 34,883.71 | | 34,883.71 | 90.0 | 3,875.97 |
| 12003-Pub Invmnt (PH) | 38,986.08 | 13,645.13 | | 13,645.13 | 35.0 | 25,340.95 |
| 12007-Arch & Hist | 8,042.86 | 6,434.29 | | 6,434.29 | 80.0 | 1,608.57 |
| 12008-Eng/Pub Mtgs | 42,000.00 | 39,900.00 | | 39,900.00 | 95.0 | 2,100.00 |
| 12009-ENG/Pub Hearin | 26,250.00 | | | 0.00 | 0.0 | 26,250.00 |
| 12070-Arch & Hist/SUB | 17,537.20 | 7,540.50 | | 7,540.50 | 43.0 | 9,996.70 |
| 13007-Sub-Surface Ut | 25,000.00 | 12,500.00 | | 12,500.00 | 50.0 | 12,500.00 |
| 13070-SubSurface/SUB | 75,000.00 | 7,500.00 | | 7,500.00 | 10.0 | 67,500.00 |
| 15001-Field Survey | 50,479.00 | 50,479.00 | | 50,479.00 | 100.0 | - |
| 15010-Field Srvy/SUB | 167,521.00 | 165,648.00 | | 165,648.00 | 98.9 | 1,873.00 |
| 16101-Hydro Map | 75,000.00 | 71,250.00 | | 71,250.00 | 95.0 | 3,750.00 |
| 16302-Traf Cntrl Pln | 72,000.00 | 68,400.00 | | 68,400.00 | 95.0 | 3,600.00 |
| 16307-Prel Comp Util | 63,000.00 | 59,850.00 | | 59,850.00 | 95.0 | 3,150.00 |
| 60001-ROW at 281 | 216,000.00 | 216,000.00 | | 216,000.00 | 100.0 | - |
| 60101-Compens Utilit | 113,400.00 | 113,400.00 | | 113,400.00 | 100.0 | - |
| Sub Total | 1,683,412.00 | 1,509,209.53 | 0.00 | 1,509,209.53 | | 174,202.47 |

Supplemental #1 to Work Authorization #1 - Additional Analysis for the Traffic Impact Report Due to New On-Site Parking Requirements

| | | | | | | |
|------------------------|-----------|------|-----------|-----------|---------|----------|
| 11002-Traffic Evalu | 3,322.34 | | 2,990.11 | 2,990.11 | 90.0 | 332.23 |
| 11020-Traffic Eval/SUB | 18,578.66 | | 16,795.79 | 16,795.79 | 90.4366 | 1,782.87 |
| Sub Total | 21,901.00 | 0.00 | 19,785.90 | 19,785.90 | | 2,115.10 |

| | | | | | | |
|---------------|---------------------|---------------------|------------------|---------------------|-------------|-------------------|
| TOTAL: | <u>1,705,313.00</u> | <u>1,509,209.53</u> | <u>19,785.90</u> | <u>1,528,995.43</u> | <u>89.7</u> | <u>176,317.57</u> |
|---------------|---------------------|---------------------|------------------|---------------------|-------------|-------------------|

| | | |
|-------------------------|----|--------------|
| ORIGINAL CONTRACT SUM | \$ | 1,683,412.00 |
| CHANGE BY CHANGE ORDER | \$ | 21,901.00 |
| CONTRACT SUM TO DATE | \$ | 1,705,313.00 |
| TOTAL COMPLETED TO DATE | \$ | 1,528,995.43 |
| LESS PREVIOUS INVOICES | \$ | 1,509,209.53 |
| CURRENT PAYMENT DUE | \$ | 19,785.90 |


PROJECT MANAGER'S SIGNATURE

INVOICE RECEIVED BY:

Lupito Garza ON 9/4/19

GOODS/SERVICES RECEIVED BY:

Armando Garza ON 08/01-31/19

P2 ADMIN
2019 SEP 4 PM 1:55

DA 9/15/19



September 2, 2019

Commissioner Eduardo "Eddie" Cantu
Attn: Mr. Armando Garza, Chief Administrator
Hidalgo County Precinct 2
300 West Hall Acres Rd.
Pharr, TX 78589

RE: SH 107/Bus 281 Intersection & Drainage Improvements (Limits: At Courthouse Square & Outfall), WA#1, PO#750481 - L&G Project#161501

Dear Commissioner Cantu:

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 this billing period.

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

The following is a narrative of the progress report for this Work Authorization.

Work Authorization #1 – Preparation for the Traffic Impact Analysis, Environmental Assessment, Public Involvement, Schematic Design, Hydrologic Map and Disposition

| FC 11002 ~ CATEGORY III TRAFFIC IMPACT ANALYSIS STUDY | | % Complete |
|--|----------------|-------------------|
| NO UPDATE: TxDOT has approved the draft TIA report; therefore, the final signed/sealed TIA report has been completed and submitted to all entities involved (City of Edinburg, Hidalgo County, & TxDOT). This task is complete. | L&G | 100% |
| FC 11005 ~ DESIGN SCHEMATIC FOR TRAFFIC CIRCULATION AND OUTFALLS | | |
| NO UPDATE: L&G has finalized the revised schematic as per input from Hidalgo County and the City of Edinburg. We have submitted it to TxDOT for approval to proceed to the Open House Public Meeting. | L&G | 100% |
| FC 11006 ~ OFFICE SURVEYS FOR SCHEMATIC (PRELIM. OWNERSHIP ID & PROP. RIGHTS) | | |
| NO UPDATE: L&G has completed the office surveys for this project. This task is complete. | L&G | 100% |
| FC 11008 ~ UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TxDOT/FHWA | | |
| NO UPDATE: We have revised the schematic to the TxDOT requested option to the East. This schematic has been finalized and is ready to proceed to a public meeting. | L&G | 95% |

| | | |
|---|-----------------|-------------|
| FC 11020 ~ CATEGORY III IMPACT ANALYSIS STUDY / SUB | | |
| NO UPDATE: TxDOT has approved the draft TIA report; therefore, the final signed/sealed TIA report has been completed and submitted to all entities involved (City of Edinburg, Hidalgo County, & TxDOT). This task is complete. | ETSI | 100% |
| FC 12001 ~ EA REPORTS | | |
| NO UPDATE: L&G has submitted all Technical Reports (Hazmat, Biological, and Water Resources) and agency coordination letters. L&G continues to coordinate with TxDOT to advance the environmental process. | L&G | 90% |
| FC 12002 – PUBLIC INVOLVEMENT WITH STAKEHOLDERS AND 1 PUBLIC MEETING | | |
| NO UPDATE: L&G has prepared notices, mailing lists, agenda packets and exhibits for the upcoming public meeting. L&G is currently coordinating with TxDOT to set a date. | L&G | 90% |
| FC 12003 ~ PUBLIC INVOLVEMENT WITH STAKEHOLDERS AND 1 PUBLIC HEARING | | |
| NO UPDATE: L&G has been coordinating with TxDOT, the City of Edinburg and HCDD#1 so that no public hearing will need to be held if all concerns are addressed in layouts for public meeting. L&G has revised the schematic to reflect the latest requests by the City of Edinburg. | L&G | 35% |
| FC 12007 ~ ARCHEOLOGICAL AND HISTORICAL RESEARCH | | |
| NO UPDATE: L&G continues to provide updated project data to sub consultant. | L&G | 80% |
| FC 12008 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC MEETINGS WITH LAYOUTS, ETC. | | |
| NO UPDATE: L&G has finalized all of the required exhibits in preparation for the needed public meeting to be scheduled in the near future. We held the environmental scoping meeting with TxDOT and are waiting for TxDOT's approval to begin the advertisement process of the public meeting. | L&G | 95% |
| 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: Ama Terra has coordinated with TxDOT ENV regarding the historical survey. | AmaTerra | 43% |
| 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 has provided ROWSS with a layout identifying all of the SUE locations. | L&G | 50% |

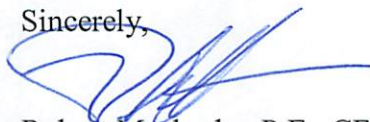
| | | |
|--|----------------|--------------|
| FC 13070 ~ SUB-SURFACE UTILITY ENG. FOR RDWYS SURROUNDING COURTHOUSE / SUB | | |
| NO UPDATE: ROWSS has begun the preliminary utility research and preliminary utility mapping. They have provided a map identifying all of the existing utilities along the corridor 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 reviewed and provided comment on ROWSS's 99% submittal. They will be providing their final submittal within the next week. This task is complete. | L&G | 100% |
| FC 15010 ~ FIELD SURVEY FOR DESIGN & EXIST ROW MAPPING / SUB | | |
| NO UPDATE: ROWSS has completed all of the field survey for the outfall and are preparing the final report and deliverable. | ROWSS | 98.9% |
| FC 16101 ~ HYDROLOGICAL MAP | | |
| NO UPDATE: L&G has developed the Hydrologic Map for the new East Route. This map will be presented at the Public Meeting and finalized after the meeting is held. | L&G | 95% |
| FC 16302 ~ DEVELOP CONCEPTUAL TRAFFIC CONTROL PLAN OF SH 107 DRAINAGE STRUCTURES | | |
| NO UPDATE: L&G has developed the conceptual Traffic Control Plan for the new East route. This task will be finalized after the Public Meeting. | L&G | 95% |
| FC 16307 ~ PRELIMINARY COMPENSABLE UTILITY IDENTIFICATION OF SCHEMATIC | | |
| NO UPDATE: L&G has identified all utilities on the new schematic. We will finalize once the public meeting is held. | L&G | 95% |
| FC 60001 ~ ROW ACQUISITION PROCESS OF BUSINESS 281 @ COURTHOUSE SQUARE CLOSURE | | |
| NO UPDATE: TxDOT Commission has approved the Minute Order in order to deem the Business 281 as surplus property and deed it back to Hidalgo County with no charge. This task is complete. | L&G | 100% |
| FC 60101 ~ COMPENSABLE UTILITY COORDINATION FOR BUSINESS 281 @ COURTHOUSE SQUARE | | |
| NO UPDATE: All utilities within the square have been identified and coordinated with. This task is complete. | L&G | 100% |

Supplemental #1 – Additional Analysis for the Traffic Impact Report Due to New On-Site Parking Requirements

| FC 11002 ~ CATEGORY III TRAFFIC IMPACT ANALYSIS STUDY | | % Complete |
|--|----------------|--------------|
| UPDATED: L&G has reviewed ETSI's draft report and has provided comments and recommendations. The report has been submitted to TxDOT for review/approval. | L&G | 90% |
| FC 11020 ~ CATEGORY III IMPACT ANALYSIS STUDY / SUB | | |
| UPDATED: ETSI has completed all of the traffic analysis and has developed the origin destination tables for parking demand. ETSI has provided a final draft report which has been submitted to TxDOT for review/approval. | ETSI | 90.4% |

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



Purchase Order COUNTY OF HIDALGO

PO# 750481

DATE: 09/28/16

PAGE NO: 1 OF 1

PO TYPE:

VENDOR: 312277 REQ: 00306501

PHONE: (956) 565-9813

EMAIL:
L4G Consulting Engineer
~~L & G ENGINEERING LABORATORY, LLC~~
2100 W. EXPRESSWAY 83
MERCEDDES TX 78570

SHIP TO: EXECUTIVE OFFICE
2818 S BUSINESS HWY 281
EDINBURG TX 78539

CONTACT: Becky Gomez (956)292-7655

SITE: EXECUTIVE OFFICE

CONTRACT NO: C-16-199-07-19

SPECIAL INSTRUCTIONS: EX- 96

VENDOR NOTES

- Do not add to or alter this Purchase Order. This Order is not transferable.
- TAX EXEMPTION: This Purchase Order may be processed for tax exemption. Exemption Certificate.
- This Order is also placed F.O.B. Destination. Vendor must copy all shipping costs.
- Invoice each Purchase Order singly. Original invoices are required and a copy may be accepted. Our number must appear on all invoices, bills of lading, and packages.
- Payment will be made only for bona fide and full completed orders, unless otherwise attached.

| QTY | UOM | DESCRIPTION | UNIT PRICE | AMOUNT |
|--|------|---|--------------|--------------|
| 1.00 | EACH | DO NOT DUPLICATE ORDER C-16-199-07-19 EXP 7-18-18 Approved through: CC 7/19/2016 AI-55469 CC Approval of Work Authorization No. 1 (with an estimated cost of \$1,683,412.00) as submitted by project engineer, L & G Consulting Engineers, to provide "Engineering Services for preparation for the Traffic Impact Analysis, Environmental Assessment, Public Involvement, Schematic Design, Hydrologic Map and Disposition of Bus 281 ROW at Courthouse Square for the Roadway and Drainage Improvement assoc. with the Bus 281/SH 107 Intersection Project," through Contract # C-16-199-07-19 | 1,683,412.00 | 1,683,412.00 |
| TOTAL: | | | | 1,683,412.00 |
| ***** For Hidalgo County use only 1,683,412.00 | | | | |

Authorized by: *Martha Salazar*