

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

INVOICE #: 11328356
INVOICE DATE: 10/31/20

BILL TO: 93

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

JOB: 161502

Bus 281/SH 107 Roadway Drainag
 Improvements Project
 From: Bus 281-W to US 281
 PO#788634, TX

RECEIVED NOV 03 2020
eg

| DESCRIPTION | CONTRACT | PREVIOUS APPLICATIONS | CURRENT COMPLETED | TOTAL COMPLETED | % COMPL | BALANCE TO FINISH |
|----------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|-------------------|---------------------|-------------|-------------------|
| Engineering services for the month of October 2020. | | | | | | |
| Work Authorization #2 - PS&E, Signal Design, Geotechnical Testing, Field Surveys and ROW Mapping for Phase II. | | | | | | |
| 13002-ROW Mapping | 20,413.40 | 6,124.02 | | 6,124.02 | 30.0 | 14,289.38 |
| 13020-ROW Map/Sub | 38,500.00 | 7,700.00 | | 7,700.00 | 20.0 | 30,800.00 |
| 15006-Field Surveys | 52,491.60 | 41,993.28 | | 41,993.28 | 80.0 | 10,498.32 |
| 15060-Dsgn Srvy/SUB | 99,783.00 | 75,803.00 | | 75,803.00 | 76.0 | 23,980.00 |
| 16004-PS&E Developm | 1,474,666.00 | 970,821.78 | 50,384.42 | 1,021,206.20 | 69.2 | 453,459.80 |
| 16006-Plans to TxDot | 66,000.00 | 29,700.00 | | 29,700.00 | 45.0 | 36,300.00 |
| 16202-Pvmt Mrkings | 16,847.45 | 6,738.98 | | 6,738.98 | 40.0 | 10,108.47 |
| 16203-Sgnl/Illumin | 30,288.30 | 12,115.32 | | 12,115.32 | 40.0 | 18,172.98 |
| 16205-Signal Design | 56,121.16 | 22,448.46 | | 22,448.46 | 40.0 | 33,672.70 |
| 16220-Pvmt Mrkng/SUB | 55,152.54 | 25,704.90 | | 25,704.90 | 46.6 | 29,447.64 |
| 16230-Sgnl Illum/SUB | 81,711.70 | 9,109.21 | | 9,109.21 | 11.1 | 72,602.49 |
| 16250-Sgnl Dsgn/SUB | 170,878.85 | 17,999.53 | | 17,999.53 | 10.5 | 152,879.32 |
| 33001-Geotech Testin | 95,000.00 | 57,000.00 | | 57,000.00 | 60.0 | 38,000.00 |
| TOTALS: | 2,257,854.00 | 1,283,258.48 | 50,384.42 | 1,333,642.90 | 59.1 | 924,211.10 |

ORIGINAL CONTRACT SUM \$ 2,257,854.00
 CHANGE BY CHANGE ORDER \$ 0.00
 CONTRACT SUM TO DATE \$ 2,257,854.00
 TOTAL COMPLETED TO DATE \$ 1,333,642.90
 LESS PREVIOUS INVOICES \$ 1,283,258.48

 CURRENT PAYMENT DUE \$ 50,384.42

PROJECT MANAGER'S SIGNATURE

INVOICE RECEIVED BY:

Lupita Garza ON 11/3/20

GOODS/SERVICES RECEIVED BY:

Armando Garza ON 10/31/20

PO # 788634

0 -1315-431-00-122-150 -0- 841

Req # 381755

\$ 50,384.42

FORMERLY
NO. 100-100000

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November 2, 2020

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

RE: SH 107/Bus 281 Intersection & Drainage Improvements (Limits: At Courthouse Square & Outfall) – WA #2 PO#788634 - L&G Project#161502

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.

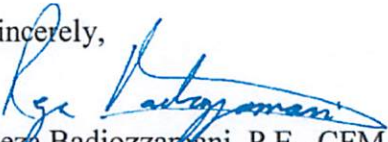
Work Authorization #2 – PS&E, Signal Design, Geotechnical Testing, Field Surveys and ROW Mapping for Phase II

| | | % Complete |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------|
| FC 13002 ~ ROW MAP | | |
| NO UPDATE: L&G has reviewed the project basemap provided by ROWSS along with the existing ROW files. The existing ROW has been referenced on the on-going Plan and Profile Sheets as contracts are developed with surveyor. | L&G | 30% |
| FC 13020 ~ ROW MAP / SUB | | |
| NO UPDATE: The existing ROW survey for SH 107 and the drainage outfall is complete. The office staff is completing the details and descriptions. | ROWSS | 20% |
| FC 15006 ~ FIELD SURVEYS | | |
| NO UPDATE: L&G continues to review ROWSS's submittals and has provided them with the needed design files to complete their work. | L&G | 80% |
| FC 15060 ~ FIELD SURVEYS / SUB | | |
| NO UPDATE: ROWSS has completed the primary and secondary control and all of the field work. They continue to process all of the field data. | ROWSS | 76% |
| FC 16004 ~ PS&E DEVELOPMENT | | |
| UPDATE: L&G continues work on the plan set and is developing the following plan sheets: Title Sheet, Index of Sheets, Project Layout, Typical Sections, TCP Sequence of Construction, TCP Layouts, P&P's, & Culvert Layouts. L&G received direction from the City of Edinburg on the access of the side streets and will incorporate those parameters into the design. L&G continues to work toward a 60% submittal. | L&G | 69.2% |

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------|
| FC 16006 ~ PLANS SUBMITTED TO TxDOT | | |
| NO UPDATE: L&G has provided the Change Order plan set to TxDOT for review/approval. L&G continues to coordinate the design with TxDOT to avoid utility conflict. | L&G | 45% |
| FC 16202 ~ PAVEMENT MARKINGS | | |
| NO UPDATE: L&G has provided ETSI with all of the roadway files and edge of pavement for their use in the pavement marking details. L&G continues to provide guidance to ETSI on their pavement marking layouts. | L&G | 40% |
| FC 16203 ~ SIGNAL / ILLUMINATION | | |
| NO UPDATE: L&G has provided ETSI with all of the roadway and plan view files for their use in the illumination layouts. L&G continues to provide guidance to ETSI on their illumination layouts. | L&G | 40% |
| FC 16205 ~ SIGNAL DESIGN | | |
| NO UPDATE: L&G has provided ETSI with all of the roadway and intersection files for their use in the signal design. L&G continues to provide guidance to ETSI on their signal layouts. | L&G | 40% |
| FC 16220 ~ PAVEMENT MARKINGS / SUB | | |
| NO UPDATE: ETSI has begun to develop sheets associated with this task | ETSI | 46.6% |
| FC 16230 ~ SIGNAL / ILLUMINATION / SUB | | |
| NO UPDATE: ETSI has completed a field investigation and is developing an Illumination Schematic. ETSI is developing exhibits for different alternatives and comparative cost estimates | ETSI | 11.1% |
| FC 16250 ~ SIGNAL DESIGN | | |
| NO UPDATE: ETSI has is in the process of completing field investigations and has begun to develop sheets associated with this task | ETSI | 10.5% |
| FC 33001 ~ GEOTECHNICAL TESTING | | |
| NO UPDATE: L&G continues to update the pavement design and coordinate for design submittal. | L&G | 60% |

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

Sincerely,



Reza Badiozamani, P.E., CFM
Project Manager

Project Sponsor: Hidalgo County

PROJECT DEVELOPMENT SCHEDULE
BUS281/SH107 (CSJ: 0342-01-093)
From BUS281 West to 169C (US281)
Length = 1.36 miles

| TASK AND DESCRIPTION | FIRM | 2016 | 2017 | 2018 | 2019 | 2020 | | | | | | | | | | | | 2021 | | | | | | | | | | | | 2022 | | | | 2023 | | | | 2024 | | | |
|--------------------------------------------------------|--------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|------|----|----|----|------|----|----|----|------|--|--|--|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | | | | |
| AGREEMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ICA w/ City of Edinburg | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Donation Agreement w/ TxDOT | TxDOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AFA for Outfall ROW w/ TxDOT | TxDOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENERAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dev Traffic Impact Analysis Report & Recommendations | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Closure of Business 281 Activities | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TxDOT Accepts TIA and Issues MO | TxDOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phase I: Schematic & Environmental | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEMATIC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Develop Schematic & TxDOT Approval | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Public Meeting | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENVIRONMENTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FONSI | TxDOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phase II: PS&E and ROW Acquisition Services | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS&E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design Survey & SUE | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outfall Coordination with HCDD #1 | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30% PS&E Completion | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60% PS&E Completion | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90% PS&E Completion | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95% PS&E Completion | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100% PS&E Completion | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TxDOT Plan Set Approval | TxDOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ROW Map | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prepare ROW Map (Corner Clips & Outfall) | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TxDOT Review & ROWIS Programming | TxDOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ROW Acquisition (Est. 12 Parcels) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Release of ROW Acquisition (by TxDOT) | TxDOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Title Commitments | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Appraisal Reports | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Appraisal Review Reports | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Compensable Utility Oversight | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acquisition Negotiation Offers | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Title Curative Process | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Payments for Parcels | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L&G Condemnation Support Process | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eminent Domain Proceedings by County | County | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Title Insurance Policies | L&G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phase III: Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Receive Bids for Construction* | TxDOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction Duration | TxDOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* Note: Schedule assumes project will be moved from FY2021 to FY2022 (FY2021 - 2024 TIP)
 REVISED BY ROLI QUINTANILLA 05/18/20

■ L&G FUNCTION
■ TxDOT FUNCTION
■ HIDALGO COUNTY FUNCTION

Hidalgo County requested from RGVMO to move construction funds from FY 2021 to FY 2023



Purchase Order COUNTY OF HIDALGO

PO# 788634

DATE: 11/02/18

PAGE NO: 1 of 1

PO TYPE:

VENDOR: 280046

REQ: 00381755

PHONE: (956) 565-9813

Fax: (956) 565-6746

EMAIL:

SHIP TO: HIDALGO CO. PCT 2

300 WEST HALL ACRES, SUITE G
PHARR TX 78577

L & G CONSULTING ENGINEERS, INC.
2100 W. EXPRESSWAY 83
MERCEDDES TX 78570

CONTACT: ARMANDO GARZA

(956) 787-1891

SITE: COMMISSIONER, PRECINCT 2

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

SPECIAL INSTRUCTIONS:

VENDOR NOTES

1. Do not add to, or alter this Purchase Order. This Order is not renewable.
2. TAX EXEMPTION: This Purchase Order may be accepted in lieu of Exemption Certificate.
3. This Order is also placed F.O.B. Destination. Vendor must repay all shipping costs.
4. Invoice each Purchase Order singly. Original invoices are required customer copy may be accepted. Out number must appear on all invoices, bills of lading, and packages.
5. Payment will be made only for bona fide and full completed orders, unless otherwise attached.

| QTY | UOM | DESCRIPTION | UNIT PRICE | AMOUNT |
|------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------|
| | | DO NOT DUPLICATE ORDER | | |
| | | WORK AUTHORIZATION APPROVED BY CC 8/21/18 AI#66211 | | |
| | | C-16-199-07-19 EXPIRES | | |
| | | BUS 281/SH107 ROAD AND DRAINAGE IMPROVEMENT PROJECT | | |
| 1.00 | LOT | CC WORK AUTHORIZATION NO 2 TO PROVIDE ENGINEERING SERVICES REQUIRED FOR THE PREPARATION OF THE PS&E, FIELD SURVEYS, AND ROW MAP ASSOCIATED WITH THE BUS 281/ SH 107 ROADWAY AND DRAINAGE IMPROVEMENT PROJECT | 2,257,854.0000 | 2,257,854.00 |
| | | TOTAL: | | 2,257,854.00 |
| | | ***** <div style="display: flex; justify-content: space-between;"> <div> <p>0 For Hidalgo County use only</p> <p>8-1353-431-00-122-150-0-841</p> <p>0-1315-431-00-122-150-0-841</p> </div> <div> <p>2,257,854.00</p> <p>1,047,247.49</p> <p>1,210,606.51</p> </div> </div> | | |

2018 NOV 7 AM 8 58

SCANNED

11/7/18

HIDALGO COUNTY
PRECINCT NO. 2

Authorized by:

Martha L Salazar