

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

INVOICE #: 11329210
INVOICE DATE: 12/31/22

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 JAN 10 2023

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of December 2022.						
Work Authorization #2 - PS&E, Signal Design, Geotechnical Testing, Field Surveys and ROW Mapping for Phase II.						
13002-ROW Mapping	20,413.40	15,310.05	1,020.67	16,330.72	80.0	4,082.68
13020-ROW Map/Sub	38,500.00	28,875.00		28,875.00	75.0	9,625.00
15006-Field Surveys	52,491.60	52,491.60		52,491.60	100.0	
15060-Dsgn Srvy/SUB	99,783.00	99,783.00		99,783.00	100.0	
16004-PS&E Developm	1,474,666.00	1,440,748.68	4,424.00	1,445,172.68	98.0	29,493.32
16006-Plans to TxDot	66,000.00	59,400.00		59,400.00	90.0	6,600.00
16202-Pvmt Mrkings	16,847.45	15,162.71		15,162.71	90.0	1,684.74
16203-Sgnl/Illumin	30,288.30	12,115.32	1,514.42	13,629.74	45.0	16,658.56
16205-Signal Design	56,121.16	50,509.04		50,509.04	90.0	5,612.12
16220-Pvmt Mrkng/SUB	55,152.54	49,787.27		49,787.27	90.3	5,365.27
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	153,940.96		153,940.96	90.1	16,937.89
33001-Geotech Testin	95,000.00	95,000.00		95,000.00	100.0	
TOTALS:	2,257,854.00	2,082,232.84	6,959.09	2,089,191.93	92.5	168,662.07

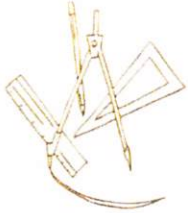
ORIGINAL CONTRACT SUM \$ 2,257,854.00
 CHANGE BY CHANGE ORDER \$ 0.00
 CONTRACT SUM TO DATE \$ 2,257,854.00
 TOTAL COMPLETED TO DATE \$ 2,089,191.93
 LESS PREVIOUS INVOICES \$ 2,082,232.84
 CURRENT PAYMENT DUE \$ 6,959.09


 PROJECT MANAGER'S SIGNATURE

INVOICE RECEIVED BY:
Lupito Garza ON 01/10/23
 GOODS/SERVICES RECEIVED BY:
Armando Garza ON 12/01-31/22

PO # 788634
2 -1315-431-00-122-150-0- 841
 Req # 381755
 \$ 6,959.09

01/10/23



January 2, 2023

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 the month of December 2022.

Attached are the following:

- L&G's Invoice

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


		% Complete
FC 13002 ~ ROW MAP		
L&G has continued review of 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	80%
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	75%
FC 15006 ~ FIELD SURVEYS		
NO UPDATE: L&G provided final review of ROWSS's submittals. This task is complete.	L&G	100%
FC 15060 ~ FIELD SURVEYS / SUB		
NO UPDATE: ROWSS has completed the all sub-tasks. This task is complete	ROWSS	100%

FC 16004 ~ PS&E DEVELOPMENT		
<p>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 final submittal.</p> <p>Roadway profiles for the BUS 281 (Courthouse square) roadway and the SH 107 roadway were redone as they were too high to match the existing edges of the roadway. New cross sections for the BUS 281 (Courthouse Square) roadway and the SH 107 roadway were redone. The corridor model was redone with the new profiles. The entire drainage system was redone due to the update to the profiles of the BUS 281 (Courthouse square) roadway and the SH 107 roadway. The Traffic Control Plan has been updated due to requests from TxDOT to construct the BUS 281 (Courthouse Square) roadway in different phases, that are independent of the construction of SH 107 roadway. Special Traffic Control Plans were also taken I consideration underneath the I-69C (US 281 Expressway) overpass during the construction of the drainage trunkline. Additional temporary traffic signals were designed due to the increase in TCP phasing. Signing and striping sheets were updated. Storm Water Pollution and Prevention Plans (SW3P) were updated as per the TCP phasing.</p> <p>The 90% PS&E was submitted to TxDOT for their review. TxDOT has not been able to provide access to TxDOT Connect but once we receive access we will update.</p>	L&G	98%
FC 16006 ~ PLANS SUBMITTED TO TxDOT		
<p>UPDATE: L&G has provided a FINAL SIGNED/SEAL Change Order plan set to TxDOT for review/approval. L&G continues to coordinate the design with TxDOT to avoid utility conflict.</p> <p>The 90% PS&E was submitted to TxDOT for their review.</p>	L&G	90%
FC 16202 ~ PAVEMENT MARKINGS		
<p>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.</p> <p>L&G held several coordination meetings with ETSI to discuss striping concepts. L&G received ETSI's 90% striping submittal and provided comments. L&G updated the project's construction cost estimate based on the quantities supplied from ETSI. L&G also updated the project's General Notes and Specifications based on ETSI's comments.</p> <p>The 90% PS&E was submitted to TxDOT for their review.</p>	L&G	90%
FC 16203 ~ SIGNAL / ILLUMINATION		
<p>L&G has provided ETSI with the entire roadway and plan view files for their use in the illumination layouts. L&G continues to provide guidance to ETSI on their illumination layouts.</p>	L&G	45%
FC 16205 ~ SIGNAL DESIGN		
<p>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.</p>	L&G	90%

L&G held several coordination meetings with ETSI to discuss the traffic signal concepts. L&G received ETSI's 90% traffic signal submittal and provided comments. L&G updated the project's construction cost estimate based on the quantities supplied from ETSI. L&G also updated the project's General Notes and Specifications based on ETSI's comments.		
FC 16220 ~ PAVEMENT MARKINGS / SUB		
ETSI has compiled the General Notes, specifications, and striping quantities for the project. Quantity summary sheets have been created. Proposed pavement marking layouts have been generated and have been submitted to L&G Engineering for inclusion into the 90% plan set submittal. Standard sheets were included in the submittal to L&G Engineering.	ETSI	90.3%
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 compiled the General Notes, specifications, and striping quantities for the project. Quantity summary sheets have been created. Proposed traffic signal layouts have been generated and have been submitted to L&G Engineering for inclusion into the 90% plan set submittal. Standard sheets were included in the submittal to L&G Engineering. Condition diagrams, electrical schedules, signal phasing, and timing have been completed.	ETSI	90.1%
FC 33001 ~ GEOTECHNICAL TESTING		
NO UPDATE: 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,



Armando J. Sandoval, P.E.
Project Manager



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
		***** For Hidalgo County use only 8-1353-431-00-122-150-0-841	2,257,854.00	

2 / 15

SCANNED
11/7/18

2018 NOV 7 AM 8 58

HIDALGO COUNTY
PRECINCT NO. 2

Authorized by: Martha L Salazar