

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

**INVOICE #:** 11329923 ✓  
**INVOICE DATE:** 11/30/24 ✓

**BILL TO:** 93  
 Hidalgo County Pct. #2 ✓  
 300 W. Hall Acres, Suite G  
 Pharr, TX 78577

**JOB:** 151103  
 Cesar Chavez Rd WA#3 PO#795673  
 (From: Ridge Rd to Bus 83)

RECEIVED DEC - 2 2024  
*[Signature]*

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS ✓	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of November 2024.						
Work Authorization #3 - To provide PS&E, ROW Mapping, Permitted Utilities Coordination, Traffic Signal Warrants and Design and Engineering Consultant Construction Management for Phase II						
13002-ROW Mapping	9,990.16 ✓	8,991.14 ✓		8,991.14 ✓	90.0	999.02 ✓
13020-ROW Map/Sub	60,000.00 ✓	54,000.00 ✓		54,000.00 ✓	90.0	6,000.00 ✓
15070-SUE / SUB	4,800.00 ✓	4,800.00 ✓		4,800.00 ✓	100.0	
16004-PS&E Develop.	496,790.00 ✓	432,207.30 ✓	4,967.90 ✓	437,175.20 ✓	88.0	59,614.80 ✓
16005-PS&E Update	16,440.88 ✓	9,864.53 ✓		9,864.53 ✓	60.0	6,576.35 ✓
16205-Sgnl Dsgn/Warr	6,915.80 ✓	3,112.11 ✓		3,112.11 ✓	45.0	3,803.69 ✓
16250-Sgnl Dsgn/Warr	50,508.55 ✓	23,104.11 ✓		23,104.11 ✓	45.7	27,404.44 ✓
16308-Permitted Utili	32,042.20 ✓	27,876.71 ✓	320.43 ✓	28,197.14 ✓	88.0	3,845.06 ✓
16403-Project Mngmnt	23,356.68 ✓	20,320.31 ✓	233.57 ✓	20,553.88 ✓	88.0	2,802.80 ✓
32001-Const. Mgmt	67,925.84 ✓				0.0	67,925.84 ✓
32004-Let Bid Packag	50,397.76 ✓	10,079.55 ✓	5,039.78 ✓	15,119.33 ✓	30.0	35,278.43 ✓
33001-Geotech Testin	31,287.20 ✓	31,287.20 ✓		31,287.20 ✓	100.0	
<b>TOTALS:</b>	<b>850,455.07</b> ✓	<b>625,642.96</b> ✓	<b>10,561.68</b> ✓	<b>636,204.64</b> ✓	<b>74.8</b>	<b>214,250.43</b> ✓

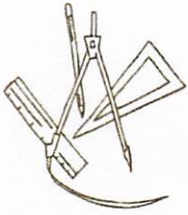
*[Signature]*  
 PROJECT MANAGER'S SIGNATURE

ORIGINAL CONTRACT SUM \$ 850,455.07 ✓  
 CHANGE BY CHANGE ORDER \$ 0.00  
 CONTRACT SUM TO DATE \$ 850,455.07 ✓  
 TOTAL COMPLETED TO DATE \$ 636,204.64 ✓  
 LESS PREVIOUS INVOICES \$ 625,642.96 ✓  
 CURRENT PAYMENT DUE \$ 10,561.68 ✓

INVOICE RECEIVED BY:  
Lupita garza ON 12/02/24  
 GOODS/SERVICES RECEIVED BY:  
Eduardo Cantu ON 11/01-30/24

PO # 795673  
4-135-431-00-122-156-0-841  
 Req # 390913  
**\$10,561.68**

12/2/24  
*[Signature]*



December 2, 2024

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: Cesar Chavez Road Project - Work Authorization No. 3**  
**Limits: Ridge Road to Business 83**  
**PO#795673 - L&G Project#151103**

Dear Mr. Garza,

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 November 2024.

The Following is attached:

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

**Work Authorization #3 – To provide PS&E, ROW Mapping, Permitted Utilities Coordination, Traffic Signal Warrants and Design and Engineering Consultant Construction Management for Phase II**

<b>TASK</b>		<b>% Complete</b>
<b>FC 13002 ~ ROW MAPPING</b>		
<b>NO UPDATE:</b> L&G has met with QHA and provided all of the design files for their ROW Mapping effort. L&G has discussed final locations for the SUE potholes needed.	<b>L&amp;G</b>	<b>90%</b> ✓
<b>FC 13020 ~ ROW MAPPING / SUB</b>		
<b>NO UPDATE:</b> QH&A has completed 90% of the ROW Parcels & Title Reports.	<b>QH&amp;A</b>	<b>90%</b> ✓
<b>FC 15070 ~ SUB-SURFACE UTILITY ENGINEER (POTHOLES) / SUB</b>		
<b>NO UPDATE:</b> QH&A has completed 100% of the SUE Potholes. <b>This task is complete.</b>	<b>QH&amp;A</b>	<b>100%</b> ✓

<b>FC 16004 ~ PS&amp;E DEVELOPMENT ROADWAY</b>		
<p><b>UPDATE:</b> We have continued the development of the plan set, including: typical sections, project layout, title sheet &amp; P&amp;P's and tcp layouts. Drainage design has been completed. The U&amp;D sheets have been updated with the latest drainage information and utility callouts. The 60% set of plans is being prepared for submittal.</p> <p>The 60% PS&amp;E has been submitted to TxDOT for their review. The TxDOT 60% PS&amp;E checklist was submitted as well.</p> <p>L&amp;G Engineering continues to develop the 90% PS&amp;E. Updates to the Traffic Control sheets is on-going. The Sequence of Construction is being updated to include railroad construction for both the surface construction as well as the drainage pipe construction under the railroad. Quantities are being updated accordingly.</p> <p>Updates to the U&amp;D, P&amp;P, and Irrigation Layouts are on-going. Final updates to the TCP are being finalized. Quantities are being finalized. TxDOT 90% Checklist is being reviewed. L&amp;G Engineering has begun an internal QC/QA review of the plan set.</p>	<b>L&amp;G</b>	<b>88%</b> ✓
<b>FC 16005 ~ UPDATE PS&amp;E BASED ON COMMENTS AS PROVIDED BY TxDOT (PHARR DISTRICT &amp; AUSTIN DIVISIONS)</b>		
<p><b>No UPDATE:</b> The 30% set of plans was updated based on comments that were done to the plan set.</p> <p>The 60% set of plans was submitted to TxDOT for comments.</p>	<b>L&amp;G</b>	<b>60%</b> ✓
<b>FC 16205 ~ TRAFFIC SIGNAL WARRANTS &amp; DESIGN</b>		
<p><b>No UPDATE:</b> ETSI submitted a preliminary traffic warrant report. L&amp;G Engineering reviewed the report and then submitted it to TxDOT for approval/comments.</p> <p>L&amp;G provided ETSI with DGN files (Alignment, Roadway, Drainage, TCP...etc.....) for their use in their signal design. Coordination meetings were held with ETSI.</p>	<b>L&amp;G</b>	<b>45%</b> ✓
<b>FC 16250 ~ SIGNAL DESIGNS, ADJUSTMENTS &amp; WARRANTS</b>		
<p><b>No UPDATE:</b> The preliminary traffic warrant report was completed and submitted to L&amp;G Engineering for submittal to TxDOT for comments. Coordination meetings were held with L&amp;G Engineering. L&amp;G provided ETSI with the project's DGN design files for use in our signal design. Work on the condition diagrams has begun. The proposed signal layout sheets have been created and we have begun to populate them with the necessary information. Signal phasing and timing work has begun. Intersection signing, pavement markings, and curb ramps are being developed as part of the traffic signal layouts.</p>	<b>ETSI</b>	<b>45.7%</b> ✓
<b>FC 16308 ~ PERMITTED UTILITIES COORDINATION</b>		
<p><b>UPDATE:</b> L&amp;G continues to contact the utility companies present within the project limits.</p> <p>The 60% set of plans is being prepared to be submitted to the utility companies, so that coordination can continue. U&amp;D sheets have been updated with the latest drainage information/design.</p> <p>The 60% set of plans has been completed and submitted to TxDOT. The updated U&amp;D sheets have been completed and have been submitted to the utility companies for their review and comment.</p>	<b>L&amp;G</b>	<b>88%</b> ✓

<p>Coordination is ongoing with the utility companies. Correspondence between the City of Alamo and City of San Juan is ongoing. Utility coordination continues with the utility companies. Coordination meetings were held with the City to coordinate their sanitary sewer and water line extensions. L&amp;G supplied the City with the roadway and right-of-way files for their use.</p> <p>Coordination meetings were held with the City of Alamo and the City of San Juan to discuss their sanitary sewer line placement. Irrigation district comment clarifications were submitted to the irrigation district. Coordination continues with the utilities.</p>		
<b>FC 16403 ~ PROJECT MANAGEMENT</b>		
<p><b>Update:</b> L&amp;G continues all coordination efforts to assure all aspects of project development are adequately performed.</p> <p>Coordination continues with ETSI for all signal work. Meetings were held with TxDOT. Meetings were held with our ROW group.</p> <p>Coordination continues with the ROW group and Surveyor. Coordination continues with ETSI for all signal work and signal warrant design.</p> <p>Coordination meetings were held with Hidalgo County Precinct 2 and the irrigation district.</p> <p>Coordination meetings with our subs were held. Coordination meetings were held with the City of Alamo, the irrigation district, and Benech (UPRR consultant).</p> <p>Coordination meetings with our subs were held. Coordination meetings were held with the Hidalgo County Pct. No. 2, City of Alamo, the irrigation district, and Benech (UPRR consultant).</p>	L&G	88% ✓
<b>FC 32001 ~ ENGINEERING CONSULTANT CONSTRUCTION MANAGEMENT</b>		
<b>NO UPDATE:</b> This task has not started.	L&G	0% ✓
<b>FC 32004 ~ DEVELOPE LOCAL LET BID PACKAGE</b>		
<b>Update:</b> Construction cost estimate is being updated. Specification list is being generated.	L&G	30% ✓
<b>FC 33001 ~ GEOTECHNICAL TESTING AND PAVEMENT DESIGN FOR TxDOT</b>		
<b>This task is complete.</b>	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,



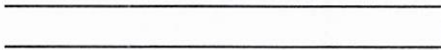
Armando J. Sandoval, P.E.  
Project Manager

Project Sponsor: Hidalgo County Precinct #2

**PROJECT DEVELOPMENT SCHEDULE**  
**Cesar Chavez Rd. (CSJ: 0921-02-405)**  
**From BUS 83 to Nolana Loop**  
**Length = 2.8 miles**

TASK AND DESCRIPTION	FIRM	2022	2023				2024												2025				2026			
			Q1	Q2	Q3	Q4	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>FUNDING AGREEMENT w/ TxDOT</b>																										
AFA (Executed)	TxDOT																									
<b>Phase I: Schematic &amp; Environmental</b>																										
<b>Schematic</b>																										
Develop Schematic & TxDOT Approval (COMPLETE)	L&G																									
Public Meeting (COMPLETE)	L&G																									
<b>Environmental</b>																										
Open End-D Listed CE (Completed)	L&G																									
<b>Phase II: PS&amp;E and ROW Acquisition Services</b>																										
<b>PS&amp;E</b>																										
Design Survey	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																									
<b>ROW Map</b>																										
Prepare ROW Map	L&G																									
TxDOT Review & ROWIS Programming	TxDOT																									
<b>ROW Acquisition (Est. 93 Parcels)</b>																										
Project Administration	L&G																									
ROW Acquisition	L&G																									
<b>Phase III: Construction</b>																										
Receive Bids for Construction (MPO FY 2027)	County																									
Construction Duration (35 Months)	County																									

REVISED 11/22/2024 - By: Damien T.  
 L&G  
 TxDOT  
 COUNTY





# Purchase Order COUNTY OF HIDALGO

PO# 795673

DATE: 03/26/2019

PAGE: 1 Of 1

PO TYPE:

VENDOR: 280046

REQ: 00390913

PHONE: (956) 565-9813

BUYER:

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  
MERCEDES TX 78570

VENDOR ACCOUNT:

CONTACT: EDUARDO CANTU (956) 787-1891

SITE: COMMISSIONER, PRECINCT 2

CONTRACT: C-15-300-09-01

**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
1.00	LOT	DO NOT DUPLICATE ORDER WORK AUTH NO. 3 APPROVED BY CC 3/12/19 AI#69322 C-15-300-09-01 EXPIRES 12/31/2020 - TXDOT-PCT 2 CESAR CHAVEZ RD (BUS83-RIDGE RD) PROJECT - ENGINEERING SERVICES	850,455.0700	850,455.07
		CC WORK AUTHORIZATION NO. 3 FOR ENGINEER TO PROVIDE PS&E, ROW MAPPING, PERMITTED UTILITIES COORDINATION, TRAFFIC SIGNAL WARRANTS AND DESIGN AND ENGINEERING CONSULTANT CONST. MANAGEMENT FOR THE PCT 2 CESAR CHAVEZ ROAD (BUS 83-RIDGE ROAD) PROJECT		
		<b>TOTAL:</b>		850,455.07
		REPORT ROAD HAZARDS 1-866-HCR-SAFE OR 1-866-427-7233		
		***** For Hidalgo County use only		
		4-1315-431-00-122-156-0-841		850,455.07

Authorized by: \_\_\_\_\_

*Ignacio Amigosa*