

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

**INVOICE #:** 11329840  
**INVOICE DATE:** 08/31/24

PO # 853336  
4-1315-431-00-122-117-0-721  
 Req # 460059

\$ 6,788.21

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

**JOB:** 151104  
 Cesar Chavez Rd. WA#4,  
 (From: Bus 83 to Nolana Rd)  
 PO#853336, C-15-300-09-01

RECEIVED SEP - 3 2024

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of August 2024.						
Work Authorization No. 4 - Engineering services for the ROW Acquisition Services, along with Railroad and Compensable Utilities Coordination, and H&H Modeling and Reporting for Phase III.						
15006-Field Surveys	4,034.72	4,034.72		4,034.72	100.0	
15060-Field Srvy/SUB	12,500.00	12,500.00		12,500.00	100.0	
16108-H&H Modeling	60,400.00				0.0	60,400.00
16309-Mngmnt/Cord RR	83,140.60	33,256.24	8,314.06	41,570.30	50.0	41,570.30
16311-Coord RR Jack	44,937.60	20,221.92	4,493.76	24,715.68	55.0	20,221.92
16312-Update RR Exhi	25,488.80	11,928.76		11,928.76	46.8	13,560.04
16313-Meetings Coord	24,280.80	21,367.10	728.43	22,095.53	91.0	2,185.27
16403-Prjct Mngmnt	47,383.80	37,907.04	2,369.19	40,276.23	85.0	7,107.57
60001-Row Acq. Admin	+ 348,500.00	341,530.00		341,530.00	98.0	6,970.00
60002-Title Services	+ 172,200.00	161,700.00		161,700.00	93.9	10,500.00
60003-Appraisal Srv	+ 82,000.00	71,000.00		71,000.00	86.6	11,000.00
60004-Appraisal Rvw	+ 20,500.00	18,000.00		18,000.00	87.8	2,500.00
60005-Parcel Negotia	+ 328,000.00	231,200.00		231,200.00	70.5	96,800.00
60006-Closing Servic	+ 24,600.00	1,500.00		1,500.00	6.1	23,100.00
60030-Aprs1 Srv/SUB	+ 184,500.00	159,750.00		159,750.00	86.6	24,750.00
60040-Aprs1 Rvw/SUB	+ 53,300.00	46,800.00		46,800.00	87.8	6,500.00
60101-Comp Utlty Mgt	228,000.00	209,760.00	6,840.00	216,600.00	95.0	11,400.00
60102-Comp Utlty Co	112,102.40	103,134.21	3,363.07	106,497.28	95.0	5,605.12
<b>TOTALS:</b>	<b>1,855,868.72</b>	<b>1,485,589.99</b>	<b>26,108.51</b>	<b>1,511,698.50</b>	<b>81.5</b>	<b>344,170.22</b>

(721) = \$ 26,108.51 x 26% = \$ 6,788.21  
 (841) = \$ 26,108.51 x 74% = \$ 19,320.30

ORIGINAL CONTRACT SUM	\$ 1,855,868.72
CHANGE BY CHANGE ORDER	\$ 0.00
CONTRACT SUM TO DATE	\$ 1,855,868.72
TOTAL COMPLETED TO DATE	\$ 1,511,698.50
LESS PREVIOUS INVOICES	\$ 1,485,589.99
<b>CURRENT PAYMENT DUE</b>	<b>\$ 26,108.51</b>

  
 PROJECT MANAGER'S SIGNATURE

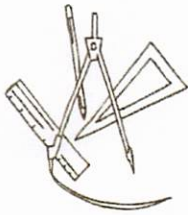
INVOICE RECEIVED BY:

Lupita Garza ON 09/03/24  
 GOODS/SERVICES RECEIVED BY:  
Eduardo Cantu ON 08/01-31/24

PO # 853336  
4-1315-431-00-122-117-0-841  
 Req # 460059

\$ 19,320.30

09/13



# L&G Engineering

Transportation Consultants

September 3, 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. 4**  
**Limits: Business 83 to Nolana Ave. C-15-300-09-01**  
**PO#853336 - L&G Project#151104**

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 August 2024.

The Following is attached:

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

**Work Authorization #4 – To provide the ROW Acquisition Services, along with Railroad and Compensable Utilities Coordination, and H&H Modeling and Reporting**

TASK		% Complete
<b>FC 15006 ~ COORDINATION AND MANAGEMENT OF SUBCONSULTANT FOR FIELD &amp; DESIGN SURVEY</b>		
L&G has coordinated the need for additional topo with QH&A at multiple intersections as well as along the proposed outfall. All needed additional Topo has been provided. <b>This task is complete.</b>	L&G	100% ✓
<b>FC 15060 ~ FIELD SURVEYS FOR DESIGN &amp; CONSTRUCTION - ROADWAY</b>		
QH&A has performed all needed Field Surveying and Data Processing for the areas along the proposed outfall and at multiple intersections. All field efforts are complete and all data has been processed and submitted to L&G. <b>This task is complete.</b>	QH&A	100% ✓
<b>FC 16108 ~ HYDROLOGIC MODEL &amp; REPORT (ENTIRE PROJECT LIMITS ~ NOLANA LOOP – RIDGE RD.)</b>		
A preliminary HEC-HMS model is being developed. Preliminary drainage areas and flow paths have been incorporated into the model.	L&G	0% ✓

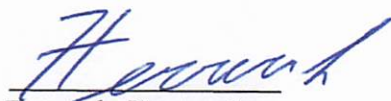
<b>FC 16309 ~ MANAGEMENT &amp; COORDINATION OF RAILROAD AGREEMENT</b>		
<p><b>No Update:</b> L&amp;G Engineering has contacted Union Pacific Railroad's (UPRR) consultant engineer, Benesch, and has begun the coordination process. Preliminary layout sheets have been submitted to Benesch and a meeting has been scheduled to discuss the project with Benesch. L&amp;G Engineering has also been coordinating with TxDOT's RR section. Coordination continues with Benesch. Discussions were held with Benesch on the preliminary layout. UPRR sent the County a preliminary Engineering Agreement which is a Reimbursement Agreement for UPRR engineers to design the railroad facilities. L&amp;G Engineering reviewed the agreement and provided our concurrence to the County. The County will process the agreement for signature.</p> <p>Coordination continues with Benesch. Discussions were held with Benesch in regards to the Preliminary Engineering Agreement. The County approved the Preliminary Engineering Agreement and it was sent out for the Judge's signature. The County will send it to UPRR once it has been signed.</p> <p>The County has executed the Preliminary Engineering Agreement and they have submitted it to UPRR for their execution.</p> <p>Coordination continues with Benesch. A project site meeting is being coordinated with ETSI, Benesch, the County, TxDOT, and the Cities.</p>	<p>L&amp;G</p>	<p>50%</p>
<b>FC 16311 ~ COORDINATION w/RAILROAD FOR JACK AND BORE PERMIT (inc. PLANS SHOWING STEEL CASING AND STORM PIPE WITH RR ROW)</b>		
<p><b>No Update:</b> A preliminary layout has been developed for the drainage pipe crossing under the railroad. We continue to develop the layout as per Union Pacific Railroad's requirements.</p> <p>Forms have been developed based on the preliminary layout. The preliminary layout has been reviewed internally and updated. L&amp;G Engineering is preparing to submit the layout and UPRR forms for review by UPRR.</p> <p>The preliminary layout has been submitted to Benesch for review. The preliminary forms have also been submitted to Benesch for their review. Comments have been received from Benesch on the preliminary layout. The comments have been addressed and the layout has been submitted to Benesch for further processing.</p>	<p>L&amp;G</p>	<p>55%</p>
<b>FC 16312 ~ UPDATE RAILROAD EXHIBIT A, RAILROAD SIGNAL DESIGN AND RAILROAD MAST ARM DESIGN (NEW REQUIREMENTS)</b>		
<p><b>No Update:</b> Coordination meetings were held with Benesch. Preliminary Exhibit A layouts were submitted to Benesch for review. Comments were received from Benesch and modifications to the Exhibit A have been done. The Preliminary Exhibit A layouts were submitted to Benesch for review.</p>	<p>L&amp;G</p>	<p>46.8%</p>

<b>FC 16313 ~ INTERNAL MEETINGS &amp; COORDINATION WITH HIDALGO COUNTY</b>		
Overall project management is being completed as a function of the coordination efforts with the RR, ROW acquisition needs and oversight of compensable utilities coordination.	<b>L&amp;G</b>	<b>91%</b> ✓
<b>FC 16403 ~ PROJECT MANAGEMENT</b>		
Overall project management is being completed as a function of the coordination efforts with the RR, ROW acquisition needs and oversight of compensable utilities coordination.	<b>L&amp;G</b>	<b>85%</b> ✓
<b>FC 60001 ~ ROW ACQUISITION ADMINISTRATION</b>		
<ul style="list-style-type: none"> <li>• Project presence has been established at 900 S. Stewart Rd. in Mission, Texas 78572 @ L&amp;G Engineering-Transportation Consulting Engineers Right of Way Office. The office is open during normal County and State work hours with available personnel to answer questions about the project.</li> <li>• Project files have been created and are maintained in the office. Personnel are available on a daily basis for project meetings and determined by the County. Initial property owner list has been developed.</li> <li>• Subs have been contracted for appraisal, review and acquisition.</li> <li>• The title company has been contacted for the upcoming project and their required services. Field notes and plat maps have been forwarded.</li> <li>• Info letters along with property owner rights have been mailed CRR to the property owners.</li> <li>• Title commitments have been ordered. Appraisals have been ordered.</li> <li>• L &amp; G is fielding calls from PO's &amp; meeting with PO's.</li> <li>• Appraisals being submitted. Offer packages being sent out. Closings beginning.</li> </ul>	<b>L&amp;G</b>	<b>98%</b> ✓
<b>FC 60002 ~ TITLE SERVICES</b>		
<ul style="list-style-type: none"> <li>• 75 title commitments have been received to date.</li> </ul>	<b>L&amp;G</b>	<b>93.9%</b> ✓
<b>FC 60003 ~ APPRAISAL SERVICES</b>		
<ul style="list-style-type: none"> <li>• Previously appraisals for parcels 20, 28, 71, 72, 78, 82, 85, 27, 31, 32, 33, 46, 47, 58, 60, 61, 62, 93, 97, 98, 99, 100, 101, 88, 89, 90, 91, 92, 25, 29, 35, 36, 37, 41, 42, 44, 45, 49, 50, 56, 59, 65, 66, 67, 68, 69, 70, 74, 75, 76, 80, 81, 84, 38, 39, 40, 43, 48, 95.</li> </ul>	<b>L&amp;G</b>	<b>86.6%</b> ✓
<b>FC 60004 ~ APPRAISAL REVIEW</b>		
<ul style="list-style-type: none"> <li>• Reviews for parcels in previous month 20, 28, 71, 72, 78, 82, 85, 91, 92, 93, 97, 98, 99, 100, 101, 25, 35, 36, 37, 41, 42, 44, 45, 49, 50, 56, 59, 65, 66, 67, 68, 69, 70, 74, 75, 76, 80, 81, 84, 88, 89, 90, 94, 40, 43, 48.</li> </ul>	<b>L&amp;G</b>	<b>87.8%</b> ✓

<b>FC 60005 ~ PARCEL NEGOTIATIONS</b>		
<ul style="list-style-type: none"> <li>Offer packages sent to parcels 34, 37, 38, 39, 40, 43, 48, 79, 95. Parcels in possession 21, 22, 47, 71 and 77.</li> </ul>	<b>L&amp;G</b>	<b>70.5%</b> ✓
<b>FC 60006 ~ CLOSING SERVICES</b>		
<ul style="list-style-type: none"> <li>Parcels 21,22,47,77 in possession. P 71 in possession this month.</li> </ul>	<b>L&amp;G</b>	<b>6.1%</b> ✓
<b>FC 60030 ~ APPRAISAL SERVICES / SUB</b>		
<ul style="list-style-type: none"> <li>Previously appraisals for parcels 20, 28, 71, 72, 78, 82, 85, 27, 31, 32, 33, 46, 47, 58, 60, 61, 62 93, 97, 98, 99, 100, 101, 88, 89, 90, 91, 92, 25, 29, 35, 36, 37, 41, 42, 44, 45, 49, 50, 56, 59, 65, 66, 67, 68, 69, 70, 74, 75, 76, 80, 81, 84,38,39,40,43,48,95.</li> </ul>	<b>LEONEL</b>	<b>86.6%</b> ✓
<b>FC 60040 ~ APPRAISAL REVIEW / SUB</b>		
<ul style="list-style-type: none"> <li>Reviews sent in previous month parcels 20, 28, 71, 72, 78, 82, 85, 91, 92, 93, 97, 98, 99, 100, 101, 25, 35, 36, 37, 41, 42, 44, 45, 49, 50, 56, 59, 65, 66, 67, 68, 69, 70, 74, 75, 76, 80, 81, 84, 88, 89, 90,34,38,39,40,43,48.</li> </ul>	<b>RGV APPRAISAL</b>	<b>87.8%</b> ✓
<b>FC 60101 ~ COMPENSABLE UTILITY MANAGEMENT</b>		
<ul style="list-style-type: none"> <li>List of Compensable Utilities: HCID#2, STEC, MVEC, NAWSC. AT&amp;T, City of Alamo, City of San Juan for this section.</li> <li>Updating UCM &amp; list of Compensable Utilities to finalize agreements.</li> <li>L&amp;G continues to coordinate with utilities that are following the compensable utility process.</li> </ul>	<b>L&amp;G</b>	<b>95%</b> ✓
<b>FC 60102 ~ COORDINATION w/COMPENSABLE UTILITIES FOR ADJUSTMENT and/or JUA (HCID#2, AT&amp;T, NAWSC, STEC, MVEC, ETC.)</b>		
<ul style="list-style-type: none"> <li>List of Compensable Utilities: HCID#2, STEC, MVEC, NAWSC. AT&amp;T, City of Alamo, City of San Juan for this section.</li> <li>Updating UCM &amp; list of Compensable Utilities to finalize agreements.</li> <li>L&amp;G continues to coordinate with utilities that are following the compensable utility process.</li> </ul>	<b>L&amp;G</b>	<b>95%</b> ✓

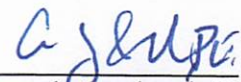
Should you have any questions or require additional information, please do not hesitate to give me a call at (956) 585-1909.

Sincerely,



Fernando Herrera Jr.,  
ROW Administrator

Sincerely,



Armando Sandoval, P.E.,  
Project Manager

Attachments

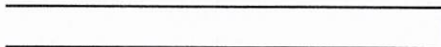
Project Sponsor: Hidalgo County Precinct #2

**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 05/24/2024, By: Damien T.

L&G	
TxDOT	
COUNTY	





# Purchase Order COUNTY OF HIDALGO

**PO#** 853336

**DATE:** 09/07/2022

**PAGE:** 1 Of 1

**PO TYPE:**

**VENDOR:** 280046

**REQ:** 00460059

**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 C-15-300-09-01 - TXDOT-PCT 2 CESAR CHAVEZ ROAD (BUS 83-NOLANA) PROJECT - PROFESSIONAL ENGINEERING SERVICES  WORK AUTHORIZATION NO. 4 APPROVED BY CC 8/9/22 AI#86912 CC WORK AUTHORIZATION NO. 4 FOR ENGINEER TO PROVIDE ROW ACQUISITION SERVICES, ALONG WITH RAILROAD AND COMPENSABLE UTILITIES COORDINATION, AND H&H MODELING AND REPORTING FOR THE PCT 2 CESAR CHAVEZ ROAD PROJECT FROM BUS 83 TO NOLANA LOOP  <div style="text-align: right;"><b>TOTAL:</b></div>	1,855,868.7200	1,855,868.72
		REPORT ROAD HAZARDS 1-866-HCR-SAFE OR 1-866-427-7233		1,855,868.72
		***** For Hidalgo County use only 4-1315-431-00-122-117-0-710 1,625,367.00 4-1315-431-00-122-117-0-721 59,930.45 4-1315-431-00-122-117-0-841 170,571.27		

**Authorized by:** Ignacio Amizosa