

L & G Consulting Engineers Inc

2100 W. Expressway 83

Mercedes, TX 78570

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

INVOICE#: 11327003 ✓

INVOICE DATE: 6/30/2018 ✓

HIDALGO COUNTY  
PRECINCT NO. 2

BILL TO: 93

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

2018 JUL 3 PM 1 48 ✓

JOB: 151101

Cesar Chavez Road Project  
WA#1 - PO#732294 ✓

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Supplemental #2 to Work Authorization #1 - Cesar Chavez Traffic Analysis						
11003-Traffic Analysis	4,940.72 ✓	4,940.72 ✓		4,940.72 ✓	100.0	-
11011-Traffic Counts & Projections	10,032.44 ✓	10,032.44 ✓		10,032.44 ✓	100.0	-
11012-Metings & Coordination w/ Pct#2	5,061.52 ✓	5,061.52 ✓		5,061.52 ✓	100.0	-
11030-Traffic Analysis / SUB	34,362.64 ✓	34,362.64 ✓		34,362.64 ✓	100.0	-
	54,397.32 ✓	54,397.32 ✓	0.00	54,397.32 ✓	100.0	0.00
TOTAL:	1,455,608.72 ✓	1,152,484.85 ✓	7,091.25 ✓	1,159,576.10 ✓	79.7	296,032.62 ✓

ORIGINAL CONTRACT SUM \$ 1,151,217.08 ✓  
CHANGE BY CHANGE ORDER \$ 304,391.64 ✓  
CONTRACT SUM TO DATE \$ 1,455,608.72 ✓  
TOTAL COMPLETED TO DATE \$ 1,159,576.10 ✓  
LESS PREVIOUS INVOICES \$ 1,152,484.85 ✓  
CURRENT PAYMENT DUE \$ 7,091.25 ✓

  
PROJECT MANAGER'S SIGNATURE

PO # 732294  
~~8-1350-431-00-122-117~~ -0- 841  
Req # 284176  
\$ 2,928.48

\$ 4,162.77 x 26% = \$ 1,082.32  
\$ 4,162.77 x 74% = \$ 3,080.45

PO # 732294 721/841  
~~8-1200-431-00-122-117~~ -0- 841  
Req # 284176

721 (26%) = \$ 1,082.32  
841 (74%) = \$ 3,080.45

INVOICE RECEIVED BY: Mary ON 7/3/18  
GOODS/SERVICES RECEIVED BY: Eduardo Cantu ON 06/01-30/18

INVOICE

YTH071037  
10/1/11

SP 1 117 0 10.10

✓	✓	✓
✓	✓	✓
✓	✓	✓
✓	✓	✓
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✓	✓	✓
✓	✓	✓
✓	✓	✓
✓	✓	✓
✓	✓	✓

*[Handwritten signature]*

PO # 133244  
 8-1312-431-00-155-11-0-01  
 Ref # 284116  
 21-232-48

PO # 133244  
 8-1312-431-00-155-11-0-01  
 Ref # 284116

8/1 (M) = \$ 2,000.42  
 12/1 (M) = \$ 1,082.37

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**INVOICE#: 11327003**

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

**JOB: 151101**

Cesar Chavez Road Project  
WA#1 - PO#732294

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
<b>Engineering services for the month of June 2018. ✓</b>						
10201-TxDOT Program	80,030.00 ✓	80,030.00 ✓		80,030.00 ✓	100.0	-
11005-Pre Comp Util	54,003.64 ✓	54,003.64 ✓		54,003.64 ✓	100.0	-
11006-Design Schem	49,506.86 ✓	48,516.72 ✓		48,516.72 ✓	98.0	990.14 ✓
11007-Prelim ROW Req	57,029.68 ✓	57,029.68 ✓		57,029.68 ✓	100.0	-
11008-Schm Rdwy TxDOT	225,159.12 ✓	220,655.94 ✓		220,655.94 ✓	98.0	4,503.18 ✓
11009-Update Schem	58,005.14 ✓	56,845.04 ✓		56,845.04 ✓	98.0	1,160.10 ✓
12002-Pub Invmt (PM)	41,627.68 ✓	33,302.14 ✓	4,162.77 ✓	37,464.91 ✓	90.0	4,162.77 ✓
12003-Pub Invmt (PH)	41,627.68 ✓			0.00	0.0	41,627.68 ✓
12006-Env. Doc TxDOT	174,851.96 ✓	96,168.58 ✓		96,168.58 ✓	55.0	78,683.38 ✓
12007-Arch & Hist	35,157.12 ✓	7,031.42 ✓		7,031.42 ✓	20.0	28,125.70 ✓
12008-Eng/Pub Mtgs	56,431.72 ✓	53,610.13 ✓		53,610.13 ✓	95.0	2,821.59 ✓
12009-ENG/Pub Hearin	22,505.04 ✓			0.00	0.0	22,505.04 ✓
12070-Arch & Hist/SUB	29,851.40 ✓			0.00	0.0	29,851.40 ✓
15006-Field Surveys	3,228.38 ✓	3,066.96 ✓		3,066.96 ✓	95.0	161.42 ✓
15060-Field Survey	131,200.00 ✓	113,162.54 ✓		113,162.54 ✓	86.3	18,037.46 ✓
16101-Hydro Map	91,001.66 ✓	91,001.66 ✓		91,001.66 ✓	100.0	-
Sub Total	1,151,217.08 ✓	914,424.45 ✓	4,162.77 ✓	918,587.22 ✓	79.8	232,629.86 ✓
<b>Supplemental #1 to Work Authorization #1 - Environmental Assessment, Public Involvement, Schematic Design &amp; Survey</b>						
11005-Pre Comp Util	13,722.88 ✓	13,036.74 ✓	686.14 ✓	13,722.88 ✓	100.0	-
11007-Prelim ROW Req	10,515.64 ✓	9,989.86 ✓	525.78 ✓	10,515.64 ✓	100.0	-
11008-Schm Rdwy TxDOT	87,749.12 ✓	85,994.14 ✓		85,994.14 ✓	98.0	1,754.98 ✓
11009-Update Schem	11,989.40 ✓	11,749.61 ✓		11,749.61 ✓	98.0	239.79 ✓
12002-Pub Invmt (PM)	6,305.76 ✓	5,044.61 ✓	630.57 ✓	5,675.18 ✓	90.0	630.58 ✓
12003-Pub Invmt (PH)	10,588.12 ✓			0.00	0.0	10,588.12 ✓
12006-Env. Doc TxDOT	10,859.92 ✓	1,628.99 ✓	1,085.99 ✓	2,714.98 ✓	25.0	8,144.94 ✓
12007-Arch & Hist	15,492.60 ✓	1,549.26 ✓		1,549.26 ✓	10.0	13,943.34 ✓
12008-Eng/Pub Mtgs	7,797.64 ✓	7,407.76 ✓		7,407.76 ✓	95.0	389.88 ✓
12009-ENG/Pub Hearin	5,508.48 ✓			0.00	0.0	5,508.48 ✓
15006-Field Surveys	8,377.48 ✓	7,958.61 ✓		7,958.61 ✓	95.0	418.87 ✓
15007-Sub-Surface Utility	17,576.40 ✓			0.00	0.0	17,576.40 ✓
15060-Field Survey	27,003.56 ✓	22,796.18 ✓		22,796.18 ✓	84.4	4,207.38 ✓
16101-Hydro Map	16,507.32 ✓	16,507.32 ✓		16,507.32 ✓	100.0	-
Sub Total	249,994.32 ✓	183,663.08 ✓	2,928.48 ✓	186,591.56 ✓	74.6	63,402.76 ✓

1.  $\frac{1}{x^2} = x^{-2}$   
 $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

$\frac{1}{x^2}$	$x^{-2}$	$-2x^{-3}$	$-\frac{2}{x^3}$
$\frac{1}{x^3}$	$x^{-3}$	$-3x^{-4}$	$-\frac{3}{x^4}$
$\frac{1}{x^4}$	$x^{-4}$	$-4x^{-5}$	$-\frac{4}{x^5}$
$\frac{1}{x^5}$	$x^{-5}$	$-5x^{-6}$	$-\frac{5}{x^6}$
$\frac{1}{x^6}$	$x^{-6}$	$-6x^{-7}$	$-\frac{6}{x^7}$
$\frac{1}{x^7}$	$x^{-7}$	$-7x^{-8}$	$-\frac{7}{x^8}$
$\frac{1}{x^8}$	$x^{-8}$	$-8x^{-9}$	$-\frac{8}{x^9}$
$\frac{1}{x^9}$	$x^{-9}$	$-9x^{-10}$	$-\frac{9}{x^{10}}$
$\frac{1}{x^{10}}$	$x^{-10}$	$-10x^{-11}$	$-\frac{10}{x^{11}}$



July 2, 2018

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. 1**  
**Limits: Business 83 to E. Nolana Loop**  
**PO#732294 - L&G Project#151101**

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. Please note that a public meeting has been set for June 20<sup>th</sup> at Alamo Middle School. Attached for your approval is our invoice for services rendered for the month of June 2018.

Attached are the following:

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

**Work Authorization #1- Provide Environmental Assessment, Public Involvement, Schematic Design, and Design Survey**

TASK		% Complete
<b>FC 10201 ~ HCMPO/TxDOT COORDINATION FOR TxDOT PROJECT REVIEW UNDER NEW PROGRAMMING AUTHORITY</b>		
NO UPDATE: This task is complete.	L&G	100% ✓
<b>FC 11005 ~ PRELIMINARY COMPENSABLE UTILITY IDENTIFICATION ON SCHEMATIC</b>		
NO UPDATE: This task is complete.	L&G	100% ✓
<b>FC 11006 ~ SCHEMATIC DESIGN FOR OUTFALL</b>		
NO UPDATE: Outfall schematic has been finalized and is pending the upcoming public meeting. Once the public meeting is held we will submit the final outfall schematic to TxDOT for final approval.	L&G	98% ✓
<b>FC 11007 ~ OFFICE SURVEYS FOR SCHEMATICS (Prel. Ownership Identification and Property Rights)</b>		
NO UPDATE: This task is complete.	L&G	100% ✓
<b>FC 11008 ~ SCHEMATIC FOR ROADWAY (TxDOT/FHWA)</b>		
NO UPDATE: Roadway schematic has been revised to include the new 6-lane typical section between Business 83 & Sgt. Trevino Rd and has been submitted to TxDOT. TxDOT is reviewing the traffic data submitted by our sub-consultant C&M and once approved we can proceed to a public meeting.	L&G	98% ✓

<b>FC 11009 ~ UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TxDOT/FHWA</b>		
<b>NO UPDATE:</b> L&G has finalized all updates to the schematic as per the comments received from TxDOT. We will complete the final schematic and incorporate any updates received after the public meeting.	L&G	98% ✓
<b>FC 12002 ~ PUBLIC INVOLVEMENT FOR THE PROJECT WITH STAKEHOLDERS AND 1 PUBLIC MEETING</b>		
<b>UPDATED:</b> The public meeting <u>was scheduled for 6/20/18,</u> but was postponed to July due to weather.	L&G	90% ✓
<b>FC 12003 ~ PUBLIC INVOLVEMENT FOR 1 PUBLIC HEARING</b>		
<b>NO UPDATE:</b> This task has not started.	L&G	0% ✓
<b>FC 12006 ~ ENVIRONMENTAL DOCUMENT FOR TxDOT/FHWA</b>		
<b>NO UPDATE:</b> L&G has begun developing the technical reports.	L&G	55% ✓
<b>FC 12007 ~ ARCHEOLOGICAL AND HISTORICAL RESEARCH</b>		
<b>NO UPDATE:</b> L&G issued the Notice to Proceed to the sub and submitted the finalized informational packet, including project data sheets and shapefiles, to the Sub.	L&G	20% ✓
<b>FC 12008 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC MEETINGS WITH LAYOUTS, Etc.</b>		
<b>NO UPDATE:</b> L&G has completed the layouts required for the upcoming public meeting. We were scheduled to present the exhibits on June 20 <sup>th</sup> but due to the weather the Public Meeting had to be postponed and rescheduled.	L&G	95% ✓
<b>FC 12009 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC HEARINGS WITH LAYOUTS, Etc.</b>		
<b>NO UPDATE:</b> This task has not started.	L&G	0% ✓
<b>FC 12070 ~ ARCHEOLOGICAL AND HISTORICAL RESEARCH</b>		
<b>NO UPDATE:</b> This task has not started.	AmaTerra	0% ✓
<b>FC 15006 ~ COORDINATE WITH SURVEYOR TO ENSURE ADEQUATE INFORMATION FOR DELIVERABLE</b>		
<b>NO UPDATE:</b> L&G has provided the surveyor with a BM location layout to ensure they set the BM's at the proper locations. L&G has reviewed the surveyor's topographic files and has advised them of the areas needing additional information.	L&G	95% ✓
<b>FC 15060 ~ FIELD SURVEY FOR DESIGN &amp; CONSTRUCTION /SUB</b>		
<b>NO UPDATE:</b> QHA has completed the field work for the topographic survey and cross sections, and is finalizing the processing of the information for final project deliverables.	QHA	86.3% ✓
<b>FC 16101 ~ HYDROLOGIC MAP FOR OUTFALL DITCH (HCDD#1)</b>		
<b>NO UPDATE:</b> This task is complete.	L&G	100% ✓

**Supplemental #1 to Work Authorization #1 ~ Extension of Limits to Ridge Road**

TASK		% Complete
<b>FC 11005 ~ PRELIMINARY COMPENSABLE UTILITY IDENTIFICATION ON SCHEMATIC</b>		
<b>UPDATED:</b> All compensable utilities have been identified on the schematic. This task is complete.	L&G	100% <i>d</i>
<b>FC 11007 ~ OFFICE SURVEYS FOR SCHEMATICS (Prel. Ownership Identification and Property Rights)</b>		
<b>UPDATED:</b> All office survey work was completed <u>for the Public Meeting</u> . This task is complete.	L&G	100% <i>d</i>
<b>FC 11008 ~ SCHEMATIC FOR ROADWAY (TxDOT/FHWA)</b>		
<b>NO UPDATE:</b> L&G has finalized the schematic and we are awaiting the public meeting to finalize.	L&G	98% ✓
<b>FC 11009 ~ UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TXDOT/FHWA</b>		
<b>NO UPDATE:</b> We have finalized all aspects of the schematic and are ready for a public meeting once TxDOT advises we can proceed.	L&G	98% ✓
<b>FC 12002 ~ PUBLIC INVOLVEMENT FOR THE PROJECT WITH STAKEHOLDERS AND 1 PUBLIC MEETING</b>		
<b>UPDATED:</b> The public meeting was scheduled for <u>6/20/18</u> , but was postponed to July due to weather.	L&G	90% <i>d</i>
<b>FC 12003 ~ PUBLIC INVOLVEMENT FOR 1 PUBLIC HEARING</b>		
<b>NO UPDATE:</b> This task has not started.	L&G	0% ✓
<b>FC 12006 ~ ENVIRONMENTAL DOCUMENT FOR TXDOT/FHWA</b>		
<b>UPDATED:</b> The updated scoping document was signed and approved by TxDOT. The revised need and purpose was <u>prepared and submitted</u> to TxDOT for review. A preliminary <u>noise analysis</u> was run to include in the public meeting presentation, as needed.	L&G	25% <i>d</i>
<b>FC 12007 ~ ARCHEOLOGICAL AND HISTORICAL RESEARCH</b>		
<b>NO UPDATE:</b> L&G issued the Notice to Proceed to the sub and submitted the finalized informational packet, including project data sheets and shapefiles, to the Sub.	L&G	10% ✓
<b>FC 12008 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC MEETINGS WITH LAYOUTS, Etc.</b>		
<b>NO UPDATE:</b> L&G has completed the layouts required for the upcoming public meeting. We continue to coordinate with TxDOT to schedule the public meeting. As per our last correspondence with TxDOT we should be released to begin advertising this month.	L&G	95% <i>d</i>
<b>FC 12009 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC HEARINGS WITH LAYOUTS, Etc.</b>		
<b>NO UPDATE:</b> This task has not started.	L&G	0% ✓

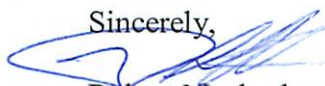
<b>FC 15006 ~ COORDINATE WITH SURVEYOR TO ENSURE ADEQUATE INFORMATION FOR DELIVERABLE</b>		
<b>NO UPDATE:</b> L&G has reviewed the surveyor's files and is awaiting the final 2D & 3D survey files. Once received we will conduct a final review. L&G has reviewed the surveyor's topographic files and has advised them of the areas needing additional information.	L&G	95% ✓
<b>FC 15007 ~ SUBSURFACE UTILITY ENGINEERING FOR UTILITIES IN CONFLICT (ESTIMATED 25 HOLES)</b>		
<b>NO UPDATE:</b> This task has not started.	L&G	0% ✓
<b>FC 15060 ~ FIELD SURVEY FOR DESIGN &amp; CONSTRUCTION /SUB</b>		
<b>NO UPDATE:</b> QHA has completed the field work for the topographic survey and cross sections, and is finalizing the processing of the information for final project deliverables.	QHA	84.4% ✓
<b>FC 16101 ~ HYDROLOGIC MAP FOR OUTFALL DITCH (HCDD#1)</b>		
<b>NO UPDATE:</b> L&G has finalized the hydrologic map for the supplemental limits, which will be presented at the upcoming public meeting. This task is complete.	L&G	100% ✓

**Supplemental #2 to Work Authorization #1 ~ Traffic Counts, Projections & Analysis**

TASK		% Complete
<b>FC 11003 ~ MANAGEMENT OF TRAFFIC ANALYSIS</b>		
<b>NO UPDATE:</b> This task is complete.	L&G	100% ✓
<b>FC 11011 ~ TRAFFIC COUNTS &amp; PROJECTIONS</b>		
<b>NO UPDATE:</b> This task is complete.	L&G	100% ✓
<b>FC 11012 ~ MEETINGS &amp; COORDINATION</b>		
<b>NO UPDATE:</b> This task is complete.	L&G	100% ✓
<b>FC 11030 ~ TRAFFIC ANALYSIS</b>		
<b>NO UPDATE:</b> This task is complete.	C&M	100% ✓

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