

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

INVOICE#: 11326514
INVOICE DATE: 9/30/2017

HIDALGO COUNTY
 PRECINCT NO. 2

2017 OCT 2 PM 4 02

BILL TO: 93
 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
Engineering services for the month of September 2017.						
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	47.031.52		47.031.52	95.0	2,475.34
11007-Prelim ROW Req	57.029.68	57.029.68		57.029.68	100.0	-
11008-Schm Rdwy TxDOT	225.159.12	213.901.16		213.901.16	95.0	11,257.96
11009-Update Schem	58.005.14	55.104.88		55.104.88	95.0	2,900.26
12002-Pub Invmt (PM)	41.627.68	14.569.69	6,244.15	20,813.84	50.0	20,813.84
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	1,757.86		1,757.86	5.0	33,399.26
12008-Eng/Pub Mtgs	56,431.72	50,788.55		50,788.55	90.0	5,643.17
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	2,905.54		2,905.54	90.0	322.84
15060-Field Survey	131,200.00	61,987.39	51,175.15	113,162.54	86.3	18,037.46
16101-Hydro Map	91,001.66	86,451.58		86,451.58	95.0	4,550.08
Sub Total	1,151,217.08	821,730.07	57,419.30	879,149.37	76.4	272,067.71
Supplemental #1 to Work Authorization #1						
11005-Pre Comp Util	13,722.88	13,036.74		13,036.74	95.0	686.14
11007-Prelim ROW Req	10,515.64	9,989.86		9,989.86	95.0	525.78
11008-Schm Rdwy TxDOT	87,749.12	83,361.66		83,361.66	95.0	4,387.46
11009-Update Schem	11,989.40	5,994.70	5,395.23	11,389.93	95.0	599.47
12002-Pub Invmt (PM)	6,305.76	1,576.44	1,576.44	3,152.88	50.0	3,152.88
12003-Pub Invmt (PH)	10,588.12			0.00	0.0	10,588.12
12006-Env. Doc TxDOT	10,859.92	1,628.99		1,628.99	15.0	9,230.93
12007-Arch & Hist	15,492.60			0.00	0.0	15,492.60
12008-Eng/Pub Mtgs	7,797.64		7,017.88	7,017.88	90.0	779.76
12009-ENG/Pub Hearin	5,508.48			0.00	0.0	5,508.48
15006-Field Surveys	8,377.48	4,188.74	3,350.99	7,539.73	90.0	837.75
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	15,681.95		15,681.95	95.0	825.37
Sub Total	249,994.32	135,459.08	40,136.72	175,595.80	70.2	74,398.52
TOTAL:	1,401,211.40	957,189.15	97,556.02	1,054,745.17	75.3	346,466.23

INVOICE RECEIVED BY:

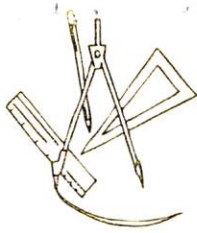
Wan ON 10/2/17

GOODS/SERVICES RECEIVED BY:

ON

PROJECT MANAGER'S SIGNATURE

ORIGINAL CONTRACT SUM	\$	1,151,217.08
CHANGE BY CHANGE ORDER	\$	249,994.32
CONTRACT SUM TO DATE	\$	1,401,211.40
TOTAL COMPLETED TO DATE	\$	1,054,745.17
LESS PREVIOUS INVOICES	\$	957,189.15
CURRENT PAYMENT DUE	\$	97,556.02



L&G Consulting Engineers, Inc.

October 2, 2017

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. Attached for your approval is our invoice for services rendered for the month of September 2017.

Attached are the following:

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

Work Authorization #1

TASK		% Complete
FC 10201 ~ HCMPO/TxDOT COORDINATION FOR TxDOT PROJECT REVIEW UNDER NEW PROGRAMMING AUTHORITY		
NO UPDATE: This task is complete.	L&G	100%
FC 11005 ~ PRELIMINARY COMPENSABLE UTILITY IDENTIFICATION ON SCHEMATIC		
NO UPDATE: This task is complete.	L&G	100%
FC 11006 ~ SCHEMATIC DESIGN FOR OUTFALL		
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 approval.	L&G	95%
FC 11007 ~ OFFICE SURVEYS FOR SCHEMATICS (Prel. Ownership Identification and Property Rights)		
NO UPDATE: This task is complete.	L&G	100%
FC 11008 ~ SCHEMATIC FOR ROADWAY (TxDOT/FHWA)		
NO UPDATE: Roadway schematic has been finalized and is pending the upcoming public meeting. Once the public meeting is held we will submit the final roadway schematic to TxDOT for approval.	L&G	95%

FC 11009 ~ UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TxDOT/FHWA		
NO UPDATE: 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	95%
FC 12002 ~ PUBLIC INVOLVEMENT FOR THE PROJECT WITH STAKEHOLDERS AND 1 PUBLIC MEETING		
UPDATED: L&G has prepared all of the exhibits for the public meeting and has identified the location. We are ready to proceed with the public meeting once we get concurrence from TxDOT.	L&G	50%
FC 12003 ~ PUBLIC INVOLVEMENT FOR 1 PUBLIC HEARING		
NO UPDATE: This task has not started.	L&G	0%
FC 12006 ~ ENVIRONMENTAL DOCUMENT FOR TxDOT/FHWA		
NO UPDATE: L&G has begun developing the technical reports.	L&G	55%
FC 12007 ~ ARCHEOLOGICAL AND HISTORICAL RESEARCH		
NO UPDATE: L&G has begun preparing the informational packet, including project data sheets and shapefiles, for the Sub.	L&G	5%
FC 12008 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC MEETINGS WITH LAYOUTS, Etc.		
NO UPDATE: L&G has completed the layouts required for the upcoming public meeting. We continue to coordinate with TxDOT to schedule the public meeting.	L&G	90%
FC 12009 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC HEARINGS WITH LAYOUTS, Etc.		
NO UPDATE: This task has not started.	L&G	0%
FC 12070 ~ ARCHEOLOGICAL AND HISTORICAL RESEARCH		
NO UPDATE: This task has not started.	AmaTerra	0%
FC 15006 ~ COORDINATE WITH SURVEYOR TO ENSURE ADEQUATE INFORMATION FOR DELIVERABLE		
NO UPDATE: L&G has provided the surveyor with a BM location layout to ensure they set the BM's at the proper locations.	L&G	90%
FC 15060 ~ FIELD SURVEY FOR DESIGN & CONSTRUCTION /SUB		
UPDATED: 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%
FC 16101 ~ HYDROLOGIC MAP FOR OUTFALL DITCH (HCDD#1)		
NO UPDATE: L&G has completed the Hydrologic Map in preparation for the public meeting. We will finalize the map after the public meeting.	L&G	95%

Supplemental #1 to Work Authorization #1

TASK		% Complete
FC 11005 ~ PRELIMINARY COMPENSABLE UTILITY IDENTIFICATION ON SCHEMATIC		
NO UPDATE: L&G continues to coordinate with the utility companies within the supplemental limits and has placed their lines on the schematic.	L&G	95%
FC 11007 ~ OFFICE SURVEYS FOR SCHEMATICS (Prel. Ownership Identification and Property Rights)		
NO UPDATE: L&G continues to conduct the office surveys for the schematic limits from Business 83 to Ridge Rd. We continue to work on this task and will be complete in time for the upcoming public meeting.	L&G	95%
FC 11008 ~ SCHEMATIC FOR ROADWAY (TxDOT/FHWA)		
NO UPDATE: L&G has set the alignment, proposed Right-Of-Way lines and roadway template for the limits from Business 83 to Ridge Road. We continue to detail the schematic in preparation for the upcoming public meeting.	L&G	95%
FC 11009 ~ UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TxDOT/FHWA		
UPDATED: We have finalized all aspects of the schematic and are ready for a public meeting once TxDOT advises we can proceed.	L&G	95%
FC 12002 ~ PUBLIC INVOLVEMENT FOR THE PROJECT WITH STAKEHOLDERS AND 1 PUBLIC MEETING		
UPDATED: L&G has prepared all of the exhibits for the public meeting and has identified the location. We are ready to proceed with the public meeting once we get concurrence from TxDOT.	L&G	50%
FC 12003 ~ PUBLIC INVOLVEMENT FOR 1 PUBLIC HEARING		
NO UPDATE: This task has not started.	L&G	0%
FC 12006 ~ ENVIRONMENTAL DOCUMENT FOR TxDOT/FHWA		
UPDATED: L&G updated and submitted the revised scoping document with attachments reflecting the new limits.	L&G	15%
FC 12007 ~ ARCHEOLOGICAL AND HISTORICAL RESEARCH		
NO UPDATE: This task has not started.	L&G	0%
FC 12008 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC MEETINGS WITH LAYOUTS, Etc.		
UPDATED: L&G has completed the layouts required for the upcoming public meeting. We continue to coordinate with TxDOT to schedule the public meeting.	L&G	90%
FC 12009 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC HEARINGS WITH LAYOUTS, Etc.		
NO UPDATE: This task has not started.	L&G	0%

FC 15006 ~ COORDINATE WITH SURVEYOR TO ENSURE ADEQUATE INFORMATION FOR DELIVERABLE		
UPDATED: 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	90%
FC 15007 ~ SUBSURFACE UTILITY ENGINEERING FOR UTILITIES IN CONFLICT (ESTIMATED 25 HOLES)		
NO UPDATE: This task has not started.	L&G	0%
FC 15060 ~ FIELD SURVEY FOR DESIGN & CONSTRUCTION /SUB		
UPDATED: 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%
FC 16101 ~ HYDROLOGIC MAP FOR OUTFALL DITCH (HCDD#1)		
NO UPDATE: L&G has included the supplemental limits into our watershed delineation and continues to develop the hydrologic map work.	L&G	95%

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



QUINTANILLA, HEADLEY AND ASSOCIATES, INC.

Consulting Engineers ★ Land Surveyors

Alfonso Quintanilla, P.E. # 95534 R.P.L.S. # 4856 Eulalio Ramirez, P.E. # 77062
Engineering Firm Registration No. F-1513
Surveying Firm Registration No. 100411-00
Municipal & County Projects ★ Subdivisions ★ Surveys
124 E. Stubbs, Edinburg, Texas 78539
Phone 956/381-6480 Fax 956/381-0527
Email: office@qhaengineering.com
www.qhaengineering.com

DATE	INVOICE No.
9/12/2017	9896

BILL TO

L & G Engineering
Attn: Jacinto Garza, P.E.
2100 West Expressway 83
Mercedes, Texas 78570

TERMS

DESCRIPTION OF SERVICES	AMOUNT
Project: Precinct No. 2 Cesar Chavez from Business 83 to Nolana Loop Contract C-15-300-09-01 Work Authorization No. 5 Payment Request No. 2 Original Contract Amount: \$131,200.00 Supplemental Agreement No.1 \$27,000.00 (Topographic Survey Function Code 150-From Business 83 to Ridge Rd) Revised Contract Amount \$158,200.00 Amount Earned to Date \$135,958.72 Previously Invoiced \$ 61,987.39 Amount Due this Invoice \$73,971.33 PLEASE SEE ATTACHED INVOICE SPREADSHEETS FOR DETAILS	73,971.33
<div style="border: 2px solid black; border-radius: 15px; padding: 5px; display: inline-block;"> PAYMENT IS DUE UPON RECEIPT </div>	\$73,971.33

We appreciate your business!

SEPTEMBER 2017 INVOICE

Project: Pct. 2 Cesar Chavez Rd. from Business 83 to Nolana Loop
 Limits: Business 83 to Nolana Loop including Outfalls "A", "B" and "C"
 CSJ:
 County: Hidalgo

Bill Through: 9/12/2017
 Client:
 Contract: C-15-300-09-01
 WA No.: 5

Func Code	TASK DESCRIPTION	3-PERSON FIELD PARTY	RPLS MANAGER	SURVEY TECH.	CADD TECH	CLERICAL	TOTAL \$	% COMPLETED	REMAINING BALANCE	DUE THIS INVOICE
150	Horizontal - Vertical Control									
	Recover and Verify Existing Control	30	6	12			\$7,453.38	100%	\$0.00	\$0.00
	Set & GPS Intermediate Control on 1000' Intervals	55	6	29			\$13,350.71	0%	\$13,350.71	\$0.00
	Process & Analyze data holding Texas State Plane Coordinates, South Zone NAD 83/93 datum and NAVD88.		6	29			\$3,358.86	100%	\$0.00	\$0.00
	Provide 11"x17"Horizontal - Vertical Control Sheets		6	29			\$3,358.86	0%	\$3,358.86	\$0.00
150	Topographic Survey									
	Locate and Identify Visible Utilities and Drainage Structures	197	6	20	36		\$41,300.83	100%	\$0.00	\$20,650.42
	Provide Cross-Sections on 500' Intervals Within the Existing ROW	300	6	15	54		\$61,049.46	100%	\$0.00	\$30,524.73
	Deliverables			3	6	8	\$1,299.02	0%	\$1,299.02	\$0.00
	Direct Expenses									
	Reproduction & Delivery						\$28.88	0%	\$28.88	\$0.00
	TOTAL LABOR HOURS	582	36	137	96	8				
	LABOR RATE PER HOUR	\$181.67	\$174.40	\$79.74	\$79.74	\$72.67				
	TOTAL LABOR COSTS	\$105,731.94	\$6,278.40	\$10,791.10	\$7,655.04	\$581.36	\$131,200.00		\$18,037.47	\$51,175.15

BUSINESS 83 TO RIDGE ROAD
 SUPPLEMENTAL No. 1
 INVOICE # 9896

EXHIBIT "D" BUDGET Limited Topographic Survey and Control Length: 0.89 Miles

	TASK DESCRIPTION CONTROL & TOPOGRAPHIC SURVEY	3-Person Field Party	RPLS Manager	Survey Tech.	CADD Tech	Clerical	Total Labor Hrs. & Costs	CADD Workstation
	Horizontal-Vertical Control (FNC 150)							
1	Recover and Verify Existing Control	6	2	3				
2	Set and GPS intermediate control on 1000' intervals							
3	Process and analyse data holding Texas State Plane Coordinates, South Zone NAD 83/93 datum and NAVD88.		2	7				
	Provide 11"X 17" Horizontal-Vertical Control Sheets							
	Topographic Survey (FNC 150)							
1	Locate and Identify visible utilities & drainage structures	38	2	5	7			
2	Provide Cross-sections on 500' intervals within the existing ROW	58	2	4	10			
3	Deliverables							
	TOTAL LABOR HOURS	102	8	19	17			
	LABOR RATE PER HOUR	\$181.67	\$174.40	\$79.74	\$79.74			
	TOTAL LABOR COSTS (FNC 150)	18,530.34	\$1,395.20	\$1,515.06	\$1,355.58			
	DIRECT EXPENSES:							
	Mileage							
	CADD Workstation							
	Reproduction & Delivery							
	SUBTOTAL DIRECT EXPENSES:							
	TOTAL COSTS (FNC 130 & FNC 150)	\$18,530.34	\$1,395.20	\$1,515.06	\$1,355.58		\$ 22,796.18	