

L & G Consulting Engineers Inc

2100 W. Expressway 83

Mercedes, TX 78570

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

INVOICE#: 11329505

INVOICE DATE: 7/31/2023

PO # 750481

3 -1315 -431 -00-122-150 -0- 841

Req # 306501

\$ 79,373.00

BILL TO: 93

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

JOB: 161501

SH 107/Bus 281 Intersection &
Drainage Improv. (@ Courthouse
Square & Outfall) PO#750481

RECEIVED AUG 01 2023

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of July 2023.						
Work Authorization #1 - Preparation for the Traffic Impact Analysis, Environmental Assessment, Public Involvement, Schematic Design, Hydrologic Map and Disposition						
11002-Traffic Evalu	30,000.00	30,000.00		30,000.00	100.0	-
11005-Schem Developm	320,000.00	320,000.00		320,000.00	100.0	-
11006-Prel. ROW Requ	31,500.00	31,500.00		31,500.00	100.0	-
11008-Schm Rdwy TxDOT	31,500.00	31,500.00		31,500.00	100.0	-
11020-Traffic Eval/SUB	130,613.38	130,613.38		130,613.38	100.0	-
12001-EA Reports	110,822.80	110,822.80		110,822.80	100.0	-
12002-Pub Invmt (PM)	38,759.68	38,759.68		38,759.68	100.0	-
12003-Pub Invmt (PH)	38,986.08	38,986.08		38,986.08	100.0	-
12007-Arch & Hist	8,042.86	8,042.86		8,042.86	100.0	-
12008-Eng/Pub Mtgs	42,000.00	42,000.00		42,000.00	100.0	-
12009-ENG/Pub Hearin	26,250.00	26,250.00		26,250.00	100.0	-
12070-Arch & Hist/SUB	17,537.20	17,537.20		17,537.20	100.0	-
13007-Sub-Surface Ut	25,000.00	15,000.00	10,000.00	25,000.00	100.0	-
13070-SubSurface/SUB	75,000.00	7,500.00	67,500.00	75,000.00	100.0	-
15001-Field Survey	50,479.00	50,479.00		50,479.00	100.0	-
15010-Field Srvy/SUB	167,521.00	165,648.00	1,873.00	167,521.00	100.0	-
16101-Hydro Map	75,000.00	75,000.00		75,000.00	100.0	-
16302-Traf Cntrl Pln	72,000.00	72,000.00		72,000.00	100.0	-
16307-Prel Comp Util	63,000.00	63,000.00		63,000.00	100.0	-
60001-ROW at 281	216,000.00	216,000.00		216,000.00	100.0	-
60101-Compens Utilit	113,400.00	113,400.00		113,400.00	100.0	-
Sub Total	1,683,412.00	1,604,039.00	79,373.00	1,683,412.00		-
Supplemental #1 to Work Authorization #1 - Additional Analysis for the Traffic Impact Report Due to New On-Site Parking Requirements						
11002-Traffic Evalu	3,322.34	3,322.34		3,322.34	100.0	-
11020-Traffic Eval/SUB	18,578.66	18,578.66		18,578.66	100.0	-
Sub Total	21,901.00	21,901.00	0.00	21,901.00		-
Supplemental #2 to Work Authorization #1 - Additional work associated with Archeological and Historical Research performed by L&G						
12007-Arch & Hist	7,014.88	7,014.88		7,014.88	100.0	-
12070-Arch & Hist/SUB	-7,014.88	-7,014.88		-7,014.88	100.0	-
Sub Total	0.00	0.00	0.00	0.00		-
TOTAL INVOICE RECEIVED BY:	1,705,313.00	1,625,940.00	79,373.00	1,705,313.00	100.0	0.00

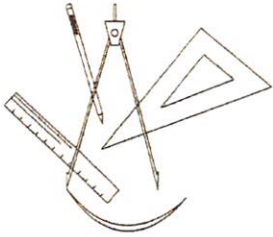
Lupita Garza ON 08/01/23

GOODS/SERVICES RECEIVED BY:

Armando Garcia ON 07/28-31/23

PROJECT MANAGER'S SIGNATURE

ORIGINAL CONTRACT SUM	\$ 1,683,412.00
CHANGE BY CHANGE ORDER	\$ 21,901.00
CONTRACT SUM TO DATE	\$ 1,705,313.00
TOTAL COMPLETED TO DATE	\$ 1,705,313.00
LESS PREVIOUS INVOICES	\$ 1,625,940.00
CURRENT PAYMENT DUE	\$ 79,373.00



August 1, 2023

Transportation Consultants

Commissioner Eduardo "Eddie" Cantu
Attn: Mr. Armando Garza, Chief Administrator
Hidalgo County Precinct 2
300 West Hall Acres Rd.
Pharr, TX 78589

**RE: SH 107/Bus 281 Intersection & Drainage Improvements
(Limits: At Courthouse Square & Outfall)
WA#1, PO#750481 - L&G Project#161501**

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 FINAL invoice for services rendered during the month of July 2023.

Attached you will find the following:

- L & G's Invoice
- Affidavit and Waiver of Lien

Work Authorization #1 – Preparation for the Traffic Impact Analysis, Environmental Assessment, Public Involvement, Schematic Design, Hydrologic Map and Disposition

TASKS		% Complete
FC 11002 ~ CATEGORY III TRAFFIC IMPACT ANALYSIS STUDY		
NO UPDATE: This task is complete.	L&G	100%
FC 11005 ~ DESIGN SCHEMATIC FOR TRAFFIC CIRCULATION AND OUTFALLS		
NO UPDATE: This task is complete.	L&G	100%
FC 11006 ~ OFFICE SURVEYS FOR SCHEMATIC (PRELIM. OWNERSHIP ID & PROP. RIGHTS)		
NO UPDATE: This task is complete.	L&G	100%
FC 11008 ~ UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TxDOT/FHWA		
NO UPDATE: This task is complete.	L&G	100%
FC 11020 ~ CATEGORY III IMPACT ANALYSIS STUDY / SUB		
NO UPDATE: This task is complete.	ETSI	100%

FC 12001 ~ EA REPORTS		
UPDATE: All Technical Reports have been approved. A CE Determination was issued on September 24, 2020. This task is complete.	L&G	100%
FC 12002 – PUBLIC INVOLVEMENT WITH STAKEHOLDERS AND 1 PUBLIC MEETING		
NO UPDATE: This task is complete.	L&G	100%
FC 12003 ~ PUBLIC INVOLVEMENT WITH STAKEHOLDERS AND 1 PUBLIC HEARING		
UPDATE: A CE Determination was issued on September 24, 2020. This task is complete.	L&G	100%
FC 12007 ~ ARCHEOLOGICAL AND HISTORICAL RESEARCH		
UPDATE: Approval of this task has been received. This task is complete.	L&G	100%
FC 12008 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC MEETINGS WITH LAYOUTS, ETC.		
NO UPDATE: This task is complete.	L&G	100%
FC 12009 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC HEARINGS WITH LAYOUTS, ETC.		
UPDATE: A CE Determination was issued on September 24, 2020. This task is complete.	L&G	100%
FC 12070 ~ ARCHEOLOGICAL AND HIST RESEARCH / SUB		
UPDATE: This task has been replaced with SA #2. This task is complete.	AmaTerra	100%
FC 13007 ~ SUB-SURFACE UTILITY ENG. FOR RDWYS SURROUNDING COURTHOUSE		
L&G coordinated with multiple utility companies and the surveyor. This Task is Complete	L&G	100%
FC 13070 ~ SUB-SURFACE UTILITY ENG. FOR RDWYS SURROUNDING COURTHOUSE / SUB		
ROWSS tied down Horizontally and Vertically the utilities within the project identified by the Engineers.	ROWSS	100%
FC 15001 ~ FIELD SURVEY FOR DESIGN & EXIST ROW MAPPING		
This task is complete.	L&G	100%
FC 15010 ~ FIELD SURVEY FOR DESIGN & EXIST ROW MAP / SUB		
This Task is Complete	ROWSS	100%
FC 16101 ~ HYDROLOGIC MAP		
NO UPDATE: Task is complete.	L&G	100%
FC 16302 ~ DEVELOP CONCEPTUAL TRAFFIC CONTROL PLAN OF SH 107 DRAINAGE STRUCTURES		
NO UPDATE: Task is complete.	L&G	100%

FC 16307 ~ PRELIMINARY COMPENSABLE UTILITY IDENTIFICATION OF SCHEMATIC		
NO UPDATE: Task is complete.	L&G	100%
FC 60001 ~ ROW ACQUISITION PROCESS OF BUSINESS 281 @ COURTHOUSE SQUARE CLOSURE		
NO UPDATE: Task is complete.	L&G	100%
FC 60101 ~ COMPENSABLE UTILITY COORDINATION FOR BUSINESS 281 @ COURTHOUSE SQUARE		
NO UPDATE: Task is complete.	L&G	100%

Supplemental #1 – Additional Analysis for the Traffic Impact Report Due to New On-Site Parking Requirements

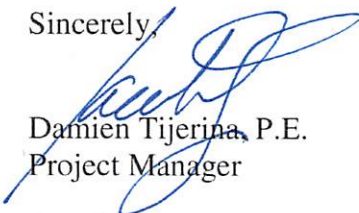
FC 11002 ~ CATEGORY III TRAFFIC IMPACT ANALYSIS STUDY		% Complete
NO UPDATE: Task is complete.	L&G	100%
FC 11020 ~ CATEGORY III IMPACT ANALYSIS STUDY / SUB		
NO UPDATE: Task is complete.	ETSI	100%

Supplemental #2 – Additional work associated with Archeological and Historical Research performed by L&G

FC 12007 ~ ARCHEOLOGICAL AND HISTORICAL RESEARCH		% Complete
UPDATE: All reports are approved. This task is complete.	L&G	100%
FC 12070 ~ ARCHEOLOGICAL AND HIST RESEARCH / SUB		
UPDATE: All reports are approved. This task is complete.	AmaTerra	100%

Should you have any questions or require additional information, please do not hesitate to give me a call at (956) 565-9813.

Sincerely,


 Damien Tijerina, P.E.
 Project Manager

Attachments

R. O. W. Surveying Services, L.L.C.

900 S. Stewart Road, Suite 13
Mission, TX 78572
TBPLS Reg. # 10193886
956-424-3335

INVOICE

INVOICE NUMBER : R23-027
Date: August 1, 2023
Our Order No.: R16073

BILL TO:
Jacinto Garza, P.E.
L & G Engineering
2100 W. Expressway 83
Mercedes, Texas 78570

RE: Hidalgo County Courthouse-Phase I (Work Authorization No. 26)
Limits: From Courthouse Square To: SH 107 (North Outfall)

Task and Description	Contract Amount	Invoice to Date	Paid to Date	Current Amount Due	Contract Balance	AMOUNT
Function Code 130 - Right of Way Map						
A. Existing Right of Way 1/2 Block Perimeter around Courthouse Square	\$5,500.00	\$5,500.00	\$5,500.00	\$0.00	\$0.00	100.00%
B. Existing Right of Way along SH107	\$5,000.00	\$5,000.00	\$5,000.00	\$0.00	\$0.00	100.00%
C. Existing Right of Way along North Outfall	\$4,000.00	\$4,000.00	\$4,000.00	\$0.00	\$0.00	100.00%
Sub-Total (FC 130):	\$14,500.00	\$14,500.00	\$14,500.00	\$0.00	\$0.00	100.00%
Function Code 150						
Phase I - Field Surveying (Control Hz & Vt)						
A. Primary Project Control						
1. Establish Primary Control	\$3,675.00	\$3,675.00	\$3,675.00	\$0.00	\$0.00	100.00%
B. Secondary Project Control						
1. Set Additional Secondary Control Points as Needed	\$4,290.00	\$4,290.00	\$4,290.00	\$0.00	\$0.00	100.00%
2. Horizontal Values Established with RTK or VRS	\$3,837.00	\$3,837.00	\$3,837.00	\$0.00	\$0.00	100.00%
3. Vertical Values Established with Digital Level	\$3,673.00	\$3,673.00	\$3,673.00	\$0.00	\$0.00	100.00%
Phase II - DTM Topography and Cross Sections						
C. Setting Benchmarks						
1. Setting Benchmark	\$3,720.00	\$3,720.00	\$3,720.00	\$0.00	\$0.00	100.00%
2. Topographic & Cross Sections	\$8,570.00	\$8,570.00	\$8,570.00	\$0.00	\$0.00	100.00%
3. Locate Visible Utilities						
a. Utilities	\$6,600.00	\$6,600.00	\$6,600.00	\$0.00	\$0.00	100.00%
4. Cross Culverts, Driveway Culverts, Inverts	\$5,880.00	\$5,880.00	\$5,880.00	\$0.00	\$0.00	100.00%
5. Right of Entry, ROW Research, Appraisal Dist. Records	\$3,074.00	\$3,074.00	\$3,074.00	\$0.00	\$0.00	100.00%
6. Proposed Centerline on Existing Pavement Pre-Construction for Utilities	\$4,466.00	\$4,466.00	\$4,466.00	\$0.00	\$0.00	100.00%
7. Profile and Cross Section Intersecting Streets	\$5,032.00	\$5,032.00	\$5,032.00	\$0.00	\$0.00	100.00%
8. Irrigation Crossings	\$6,190.00	\$6,190.00	\$6,190.00	\$0.00	\$0.00	100.00%
9. Existing Storm Drain H&V	\$8,250.00	\$8,250.00	\$8,250.00	\$0.00	\$0.00	100.00%
10. Tie Existing Underground & Overhead Utilities Coordinate w/Engineer (No. SUE)	\$4,047.00	\$4,047.00	\$4,047.00	\$0.00	\$0.00	100.00%
11. Additional Field Surveying						
a. Irrigation Lines	\$7,182.00	\$7,182.00	\$7,182.00	\$0.00	\$0.00	100.00%
b. Outfalls (Location to be determined)	\$7,218.00	\$7,218.00	\$7,218.00	\$0.00	\$0.00	100.00%
c. Driveways and Turnouts	\$3,792.00	\$3,792.00	\$3,792.00	\$0.00	\$0.00	100.00%
15. Profiles of Existing Drainage Facilities	\$5,688.00	\$5,688.00	\$5,688.00	\$0.00	\$0.00	100.00%
17. Obtain Elevations of Manholes & Valves of Utilities	\$4,120.00	\$4,120.00	\$4,120.00	\$0.00	\$0.00	100.00%
18. Provide tem. signs, traffic control, flags, safety equip., etc.	\$3,720.00	\$3,720.00	\$3,720.00	\$0.00	\$0.00	100.00%
19. Ties to Existing Bridges or Culvert that may be in conflict w/new const.						
21. Inventory Signs, Mailboxes, & Driveways	\$3,792.00	\$3,792.00	\$3,792.00	\$0.00	\$0.00	100.00%
22. Survey Control Data Sheets per TxDot	\$3,932.00	\$3,932.00	\$3,932.00	\$0.00	\$0.00	100.00%
23. Recover & Establish Existing CL & ROW	\$4,046.00	\$4,046.00	\$4,046.00	\$0.00	\$0.00	100.00%
25. Coordinate with the Engineer for Existing CL Staking	\$747.00	\$747.00	\$747.00	\$0.00	\$0.00	100.00%
Phase III - Final Report & Deliverables						
A. CADD file (2D & 3D) for limits of project	\$7,660.00	\$7,660.00	\$7,277.00	\$383.00	\$0.00	100.00%
B. Final Report and Deliverables	\$9,160.00	\$9,160.00	\$8,702.00	\$458.00	\$0.00	100.00%
Project Management and Oversight						
A. Meeting and Coordination w/ Engineers	\$10,750.00	\$10,750.00	\$10,213.00	\$537.00	\$0.00	100.00%
B. QC/QA Survey	\$9,910.00	\$9,910.00	\$9,415.00	\$495.00	\$0.00	100.00%
Sub-Total (FC 150):	\$153,021.00	\$153,021.00	\$151,148.00	\$1,873.00	\$0.00	100.00000%
Sub-Total (Field Survey For Design & Exist ROW: FC 130 + FC 150):	\$167,521.00	\$167,521.00	\$165,648.00	\$1,873.00	\$0.00	100.00000%
Subsurface Utility Engineering (SUE)						
a. Courthouse Square (\$1000/per test hole, approximate test holes 450)	\$45,000.00	\$45,000.00	\$4,500.00	\$40,500.00	\$0.00	100.00%
b. SH107 & North Outfall (\$500/per test hole, approximate test holes 65)	\$30,000.00	\$30,000.00	\$3,000.00	\$27,000.00	\$0.00	100.00%
Sub-Total (SUE):	\$75,000.00	\$75,000.00	\$7,500.00	\$67,500.00	\$0.00	100.00000%
GRAND TOTAL:	\$242,521.00	\$242,521.00	\$173,148.00	\$69,373.00	\$0.00	100.00000%
			TOTAL DUE:	\$69,373.00		

DIRECT ALL INQUIRIES TO:
JULIO CERDA, P.E.
(956)451-2670
email: julio@southtexasig.com

MAKE ALL CHECKS PAYABLE TO:
R. O. W. Surveying Services, L.L.C.
Attn: JULIO CERDA, P.E.
900 S. Stewart Road, Suite #13, Mission, Texas 78572

THANK YOU FOR YOUR BUSINESS!

**AFFIDAVIT AND WAIVER OF LIEN
PRIME CONTRACTOR**

STATE OF Texas

COUNTY OF Hidalgo

Personally appeared before me, the undersigned Notary Public for Marisela G. Marin, Secretary/Treasurer of L&G Consulting Engineers, Inc (Prime Contractor), who being duly sworn by me states on oath that all product suppliers and Subcontractors, payrolls, sales tax, privilege tax or license, old age benefits tax, state and federal unemployment insurance, and other liabilities incurred in the performance of Engineering Services Contract for the SH 107/Bus 281 Intersection & Drainage Improvements, PO# 750481, have been paid in full and that the above named Prime Contractor waives any claims and released Hidalgo County Pct. #2 (Owner) from any rights or claims (including lien rights) for debts due and owing by virtue of the furnishing of any labor, products, and supplies furnished for such improvements.

The above named Prime Contractor agrees to indemnify Hidalgo County Pct#2 and save them harmless on account of any loss he/she may sustain in reliance upon the Affidavit and Waiver of Lien including the amount of any lien he/she may be compelled to pay all costs relating thereto and a reasonable attorney's fee.

(Prime Contractor)

By: Marisela G Marin

Title: Secretary/Treasurer

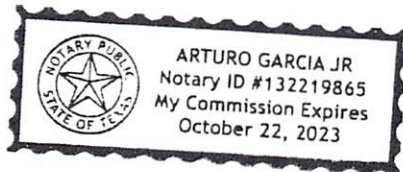
Date: 7/31/2023

STATE OF TEXAS

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF HIDLAGO

Before me, the undersigned authority, on this day personally appeared Marisela G Marin, the Secretary/Treasurer (title) of L&G Consulting Engineers, Inc, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes therein expressed and in the capacity therein stated.



NOTARY PUBLIC in and for
THE STATE OF TEXAS

Printed Name: Arturo Garcia Jr

My Commission Expires: Oct 22, 2023



Purchase Order COUNTY OF HIDALGO

PO# 750481 ✓

DATE: 09/28/16

PAGE NO: 1 OF 1

PO TYPE: 280046

VENDOR: 312797

REQ: 00306501

PHONE: (956)565-9813

EMAIL:

Consulting Engineers, Inc.

L & G ~~ENGINEERING LABORATORY, LLC~~
2100 W. EXPRESSWAY 83 ✓
MERCEDDES TX 78570

SHIP TO: EXECUTIVE OFFICE

✓ 2818 S BUSINESS HWY 281
EDINBURG TX 78539

CONTACT: Becky Gomez

(956)292-7655

SITE: EXECUTIVE OFFICE

CONTRACT NO: C-16-199-07-19

SPECIAL INSTRUCTIONS: EX- 96

VENDOR NOTES

1. Do not add to, or alter this Purchase Order. This Order is not rowable.
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		
		C-16-199-07-19 EXP 7-18-18 Approved through CC 7/19/2016 AI-55469		
1.00	EACH	CC Approval of Work Authorization No. 1 (with an estimated cost of \$1,683,412.00) as submitted by project engineer, L & G Consulting Engineers, to provide "Engineering Services for preparation for the Traffic Impact Analysis, Environmental Assessment, Public Involvement, Schematic Design, Hydrologic Map and Disposition of Bus 281 ROW at Courthouse Square for the Roadway and Drainage Improvement assoc. with the Bus 281/SH 107 Intersection Project." through Contract # C-16-199-07-19	1,683,412.00	1,683,412.00
		TOTAL:		1,683,412.00
		<p>3 ***** For Hidalgo County use only 3-1350-419-40-125-035-0-730 1,683,412.00</p> <p>3-1353-431-00-122-150-0-841 \$ 1,782.87</p> <p>3-1350-431-00-124-206-0-710 \$ 492,300.10</p> <p>3-1350-419-40-125-035-0-710 \$ 1,040,302.76</p> <p>3-1315-431-00-122-150-0-841 \$ 170,927.27</p>		

Authorized by:

Martha Salazar ✓