

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

INVOICE#: 11329126
INVOICE DATE: 10/31/2022

BILL TO: 34
Hidalgo County Pct. #1
902 Joe Stephens
Weslaco, TX 78599

JOB: 180701
Mile 10 Project - WA#1
PO#796083
(From: Mile 6 to FM 1015)

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of October 2022.						
Work Authorization #1 - Engineering services required for the completion of the Environmental Document, Public Involvement and Schematic Design.						
10201-Project Coordination	45,000.00	45,000.00		45,000.00	100.0	-
11002-Schematic Roadway Outfalls	236,640.00	236,640.00		236,640.00	100.0	-
11005-Preliminary Compensable Utilities	54,000.00	54,000.00		54,000.00	100.0	-
11007-Prel. Ownership Roadway	70,000.00	70,000.00		70,000.00	100.0	-
11008-Schematic update TxDOT/FHWA	30,000.00	21,000.00		21,000.00	70.0	9,000.00
11009-Prel. Ownership Outfalls	35,000.00	35,000.00		35,000.00	100.0	-
11011-Traffic Data as per TxDOT	18,288.72	18,288.72		18,288.72	100.0	-
11012-Intersection Layouts	65,000.00	65,000.00		65,000.00	100.0	-
110110-Traffic Data as Per TxDOT	21,711.28	21,711.28		21,711.28	100.0	-
12002-Public Involvement (PM)	67,200.00	60,480.00	3,360.00	63,840.00	95.0	3,360.00
12003-Public Involvement (PH)	27,000.00	0.00	2,700.00	2,700.00	10.0	24,300.00
12006-Environmental Document with TxDOT	135,000.00	81,000.00	27,000.00	108,000.00	80.0	27,000.00
12007-Archeological & Historical	12,000.00	6,000.00	600.00	6,600.00	55.0	5,400.00
12008-Eng/Public Meeting	31,500.00	28,350.00	3,150.00	31,500.00	100.0	-
12009-Eng/Public Hearing	22,500.00	0.00	2,250.00	2,250.00	10.0	20,250.00
12070-Archeological & Historical/SUB	18,000.00	4,046.74	920.14	4,966.88	27.6	13,033.12
15005-Field Surveys Outfalls	57,345.82	51,611.24		51,611.24	90.0	5,734.58
15006-Field Surveys Roadway	38,909.00	35,018.10		35,018.10	90.0	3,890.90
15007-Sub Surface Utilities	35,719.70	29,290.15		29,290.15	82.0	6,429.55
15050-Field Surveys Outfalls/SUB	20,836.00	15,627.00		15,627.00	75.0	5,209.00
15060-Field Surveys Roadway/SUB	135,091.00	106,818.00		106,818.00	79.1	28,273.00
15070-Sub Surface Utilities/SUB	50,000.00	41,000.00		41,000.00	82.0	9,000.00
16101-Hydrological Map	90,000.00	90,000.00		90,000.00	100.0	-
16204-Traffic Signal Warrants	2,038.53	2,038.53		2,038.53	100.0	-
16240-Traffic Signal Warrants/SUB	51,961.47	51,961.47		51,961.47	100.0	-
Sub Total	1,370,741.52	1,169,881.23	39,980.14	1,209,861.37		160,880.15

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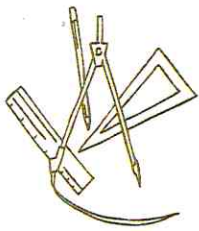
JOB: 180701
Mile 10 Project - WA#1
PO#796083
(From: Mile 6 to FM 1015)

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Supplemental #1 to Work Authorization #1 - Include costs associated with Capacity and Level Service Analysis						
15008-Capacity & Level Analysis	19,094.59	18,139.86		18,139.86	95.0	954.73
15080-Capacity & Level Analysis/SUB	36,905.41	35,060.13		35,060.13	95.0	1,845.28
Sub Total	56,000.00	53,199.99	0.00	53,199.99		2,800.01
TOTAL:	1,426,741.52	1,223,081.22	39,980.14	1,263,061.36	88.5	163,680.16



PROJECT MANAGER'S SIGNATURE

ORIGINAL CONTRACT SUM	\$ 1,370,741.52
CHANGE BY CHANGE ORDER	\$ 56,000.00
CONTRACT SUM TO DATE	\$ 1,426,741.52
TOTAL COMPLETED TO DATE	\$ 1,263,061.36
LESS PREVIOUS INVOICES	\$ 1,223,081.22
CURRENT PAYMENT DUE	\$ 39,980.14



November 1, 2022

Hon. David Fuentes
Hidalgo County Commissioner, Pct. #1
Attn: Amy Saenz-Smith or Erica Espinoza
1902 Joe Stevens
Weslaco, TX 78596

RE: Mile 10 Project – WA#1
Limits: Mile 6 to FM 1015
PO#796083 - L&G Project#180701

Dear Commissioner Fuentes:

We are submitting a monthly progress report in sufficient detail to support the progress of the work and request for payment. Attached for your approval is our invoice for services rendered during this billing period.

The following is attached:

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

Work Authorization#1 – Engineering services required for the completion of the Environmental Document, Public Involvement and Schematic Design

		% Complete
FC 10200 – DETERMINE OF LOCAL COST vs STATE COST and AGREEMENTS/AFA WITH TxDOT/LPA COORDINATION		
This task is complete.	L&G	100%
FC 11002 – SCHEMATIC FOR ROADWAY & OUTFALLS		
This task is complete.	L&G	100%
FC 11005 – PRELIMINARY COMPENSABLE UTILITIES IDENTIFICATION ON SCHEMATIC (ROADWAY AND OUTFALLS)		
This task is complete.	L&G	100%
FC 11007 – OFFICE SURVEYS FOR SCHEMATIC (PREL. OWNERSHIP IDENTIFICATION AND PROPERTY RIGHTS) ROADWAY		
This task is complete.	L&G	100%

FC 11008 – UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TxDOT / FHWA		
UPDATE: L&G submitted the roadway and outfall schematics in preparation for a DCC held June 10, 2022 and Public Meeting to be scheduled by TxDOT. TxDOT comments were received July 15, 2022 and have been incorporated into the schematic.	L&G	70%
FC 11009 – OFFICE SURVEYS FOR SCHEMATIC (PREL. OWNERSHIP IDENTIFICATION AND PROPERTY RIGHTS) 1.5 MILES OF OUTFALLS		
This task is complete.	L&G	100%
FC 11011 – TRAFFIC DATA REQUEST AS PER TxDOT DIRECTIVE		
This task is complete.	L&G	100%
FC 11012 – SCHEMATIC LAYOUT FOR INTERSECTION LAYOUTS (MILE 5 ½, FM 88 Mile 4 ½, Mile 4, Mile 3 ½, FM 1015		
This task is complete.	L&G	100%
FC 110110 - TRAFFIC DATA REQUEST AS PER TxDOT DIRECTIVE		
This task is complete.	C&M	100%
FC 12002 – PUBLIC INVOLVEMENT FOR THE PROJECT WITH STAKEHOLDERS AND 1 PUBLIC MEETING		
UPDATE: L&G prepared all of the public involvement materials for the In-Person Public Meeting held on October 19, 2022. L&G personnel attended the meeting with the school prior to the public meeting and attended the public meeting. Provided agenda packets and ROW materials. In addition, recorded the Virtual Public Meeting presentation for posting on the websites for October 18, 2022. The public meeting was a success.	L&G	95%
FC 12003 – EITHER ADDRESS THE PUBLIC OR HOLD 1 PUBLIC HEARING		
Mr. Jacinto Garza, P.E. and Mr. Jordan Sinclair, P.E. presented the schematics and project to the Weslaco City Commission.	L&G	10%
FC 12006 – ENVIRONMENTAL DOCUMENT WITH TxDOT		
UPDATE: L&G submitted is awaiting for comments on the Community Impacts Assessment Technical Report and has submitted the Hazardous Materials Technical Report. L&G has completed all of the field work along on drainage ditches for completion of the Surface Water Technical Report and correspondence with the U.S. Army Corps of Engineers requesting an Approved Jurisdictional Determination for the outfalls.	L&G	80%
FC 12007 - ARCHEOLOGICAL AND HISTORICAL RESEARCH		
UPDATE: L&G is awaiting comments/approval on the Archeological Background Study. The Project Coordination Request has been submitted to TxDOT for review. L&G is beginning to prepare the ROE letters to obtain permission to conduct field surveys.	L&G	55%

FC 12008 – ENGINEERING TECHNICAL SUPPORT AT PUBLIC MEETINGS WITH LAYOUTS etc.		
UPDATE: L&G has finalized the public meeting exhibits and presented on boards for the In-Person Public Meeting and electronically for the Virtual Public Meeting. L&G engineering personnel were in attendance at the public meeting. This task is now complete.	L&G	100%
FC 12009 – ENGINEERING TECHNICAL SUPPORT TO ADDRESS PUBLIC HEARING WITH LAYOUTS etc.		
Mr. Jacinto Garza, P.E. and Mr. Jordan Sinclair, P.E. presented the schematics and project to the Weslaco City Commission.	L&G	10%
FC 12070 – ARCHEOLOGICAL AND HISTORICAL RESEARCH / SUB		
UPDATE: The sub-consultant submitted both the Archeological Background Study and the Project Coordination Request. Awaiting approval to proceed.	AmaTerra	27.6%
FC 15005 – FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF OUTFALLS		
L&G has received and reviewed approx. 80% of survey work for the outfalls. Comments were generated and provided to ROWSS for updating. No change from prior invoice.	L&G	90%
FC 15006 – FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF ROADWAY		
L&G Engineering has completed the design survey contracts with the surveyor and identified limits of the surveys and outfalls. The surveyor was provided with a preliminary schematic for their reference and limits of the various outfalls identified. L&G has reviewed all survey work completed to date for accuracy. No change from prior invoice.	L&G	90%
FC 15007 – SUB-SURFACE UTILITY ENGINEERING (SUE) 25 POT HOLES / MILE		
Coordination with the surveyor continues so that we can complete the SUE data collection. Critical utilities along the project corridor were identified by L&G and provided to the Surveyor for SUE – Level A. L&G continues to update schematic with latest utility info as it is received. No change from prior invoice.	L&G	82%
FC 15050 - FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF OUTFALLS / SUB		
ROWSS (sub) has completed approx. 75% of survey for Outfalls 1 and 4. No change from prior invoice.	ROWSS	75%
FC 15060 - FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF ROADWAY / SUB		
ROWSS (sub) has performed the following to date: <ul style="list-style-type: none"> • Establishing primary and secondary control • Completed BM's throughout the project. Has provided Vertical Control sheets • Has recovered existing ROW and centerline of roadway • Has collected approx. 80% of topo and DTM. 	ROWSS	79.1%

FC 15070 - SUB-SURFACE UTILITY ENGINEERING (SUE) 25 POT HOLES / MILE / SUB		
Hydro excavation of 82 holes has been completed and SUE Level-A data sheets have been submitted to L&G Engineering. No change from prior invoice.	ROWSS	82%
FC 16101 – HYDROLOGICAL MAP FOR 4 OUTFALL DRAIN DITCHES (OUTFALL AND CAPACITIES)		
This task is complete.	L&G	100%
FC 16204 – TRAFFIC SIGNAL WARRANTS (6 LOCATIONS)		
This task is complete.	L&G	100%
FC 16240 – TRAFFIC SIGNAL WARRANTS (6 LOCATIONS) / SUB		
This task is complete.	ETSI	100%

Supplemental #1 to Work Authorization #1 – To include costs associated with Capacity and Level Service Analysis

		% Complete
FC 15008 – CAPACITY & LEVEL ANALYSIS		
L&G has compiled and provided pertinent project related data necessary for LOS Analysis such as traffic projects, surrounding project area development information, and schematic. A draft LOS report summarizing findings, addressing existing and proposed alternative conditions, and capacity and access management improvement recommendations has been reviewed. L&G has provided comments and recommendations to ETSI on the draft LOS report. L&G has included the LOS report in the final schematic submittal. Upon TxDOT review and approval, this task will be complete. No change from prior invoice.	L&G	95%
FC 15080 – CAPACITY & LEVEL ANALYSIS / SUB		
ETSI has substantially completed collection and review of pertinent project related data and conducted field reconnaissance. ETSI has assessed traffic projections and trip generation, and has developed existing conditions and alternative scenarios using the SYNCHRO platform. A draft report was developed for L&G review and comment that provides capacity and access management improvement recommendations. ETSI has completed the LOS report to be included in the final schematic submittal. Upon TxDOT review and approval, this task will be complete. No change from prior invoice.	ETSI	95%

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

Sincerely,


Jordan Sinclair, P.E.
Project Manager



Invoice for Professional Services

To: L&G Consulting Engineers, Inc.
 2100 West Expressway 83
 Mercedes, TX 78570

From: AmaTerra Environmental, Inc.
 11842 Rim Rock Trail
 Austin, TX 78737

Phone (512) 329-0031

Attn: Velma Garcia, velma@lgengineers.com
cc: agarcia@lgengineers.com

AmaTerra Mgr: Deborah Dobson-Brown
ddbrown@amaterra.com

**WA 30 Mile 10 from Mile 6 Road
 to FM 1015**

**AmaTerra
 Project #** 184-040

Invoice Date October 18, 2022	Invoice Period September 19 - October 16, 2022	Invoice No. 184-040-03	Terms Net 30	Due Date November 17, 2022
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Value Completed by Work Task

Project Task	Contract Value	percent complete	Value Completed	Previously Invoiced	Amount Due
1. Archeological Studies	\$2,095.00	80.00%	\$1,676.00	\$1,466.50	\$209.50
2. Historic Studies	\$17,766.00	16.00%	\$2,842.56	\$2,131.92	\$710.64
3. Management	\$1,868.00	24.00%	\$448.32	\$448.32	\$0.00
Total	\$21,729.00	22.9%	\$4,966.88	\$4,046.74	\$920.14

Thank You for including AmaTerra as part of your Project Team!	TOTAL	\$920.14
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