

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

INVOICE#: 11328146
INVOICE DATE: 5/31/2020

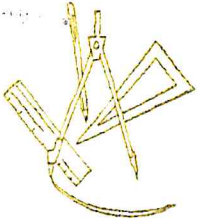
BILL TO: 34
Hidalgo County Pct. #1
902 Joe Stephens
Weslaco, TX 78599

JOB: 180501
Mile 6 Project WA#1
PO# 784887
(From: Mile 11 to SH107)

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of May 2020.						
Work Authorization #1 - Re-Evaluation Document, Public Involvement, Schematic and Hydrologic Design						
10206-Feasibility	30,000.00	30,000.00		30,000.00	100.0	-
11002-Schm Roadway	180,000.00	176,400.00		176,400.00	98.0	3,600.00
11005-Dsgn Schm Outfall	180,000.00	176,400.00		176,400.00	98.0	3,600.00
11007-Schm Rdwy TxDOT	45,000.00	33,750.00	4,500.00	38,250.00	85.0	6,750.00
11009-Pr1 ROW Outfall	90,000.00	90,000.00		90,000.00	100.0	-
12001-EA Reports	86,400.00	63,072.00		63,072.00	73.0	23,328.00
12002-Pub Invmnt (PM)	43,200.00	22,464.00		22,464.00	52.0	20,736.00
12007-Arch & Hist	10,166.40	1,524.96		1,524.96	15.0	8,641.44
12008-Eng/Pub Mtgs	36,000.00	10,800.00	3,600.00	14,400.00	40.0	21,600.00
12070-Arch & Hist/SUB	27,333.60	0.00		0.00	0.0	27,333.60
15007-Sub-Surfc Util	208,210.00	208,210.00		208,210.00	100.0	-
15008-Field Srvy Out	209,940.00	209,431.00		209,431.00	99.8	509.00
15070-SubSurface Eng	10,540.00	0.00		0.00	0.0	10,540.00
15080-Field Srvy/SUB	245,060.00	178,790.00		178,790.00	73.0	66,270.00
16101-Hydro Map	90,000.00	86,400.00		86,400.00	96.0	3,600.00
16204-Signal Warrant	8,240.56	6,732.54		6,732.54	81.7	1,508.02
16206-Trfc Prjetns	18,288.72	18,288.72		18,288.72	100.0	-
16240-Signl Wrnts/SUB	65,759.44	53,731.53		53,731.53	81.7	12,027.91
16260-Trfc Prj/SUB	21,711.28	19,711.28		19,711.28	90.8	2,000.00
Sub Total	1,605,850.00	1,385,706.03	8,100.00	1,393,806.03		212,043.97
Supplemental #1 to Work Authorization #1 - Revised Scope of Work						
10206-Feasibility	-30,000.00	-30,000.00		-30,000.00	100.0	-
10211-Pre Engineering	30,000.00	26,100.00		26,100.00	87.0	3,900.00
11005-Dsgn Schm Outfall	177,940.00	172,601.80		172,601.80	97.0	5,338.20
15007-Sub-Surf Util	-187,389.00	-187,389.00		-187,389.00	100.0	-
15008-Field Srvy Out	-177,940.00	-177,940.00		-177,940.00	100.0	-
16403-ProjectMngmnt	187,389.00	168,650.10	3,747.78	172,397.88	92.0	14,991.12
Sub Total	0.00	-27,977.10	3,747.78	-24,229.32		24,229.32
TOTAL:	1,605,850.00	1,357,728.93	11,847.78	1,369,576.71	85.3	236,273.29

ORIGINAL CONTRACT SUM	\$	1,605,850.00
CHANGE BY CHANGE ORDER	\$	0.00
CONTRACT SUM TO DATE	\$	1,605,850.00
TOTAL COMPLETED TO DATE	\$	1,369,576.71
LESS PREVIOUS INVOICES	\$	1,357,728.93
CURRENT PAYMENT DUE	\$	11,847.78


PROJECT MANAGER'S SIGNATURE



June 1, 2020

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

RE: Mile 6 Project – WA#1
Limits: Mile 11 to SH 107
PO#784887 - L&G Project#180501

Dear Commissioner Fuentes:

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 during the month of May 2020.

The following is attached:

- L & G's Invoice (and sub consultant invoice, if applicable)
- Exhibit C – Work Schedule

Work Authorization#1 – Engineering services required for the preparation of the Re-Evaluation Document, Public Involvement, Schematic and Hydrologic Design

		% Complete
FC 10206 – DETERMINE LOCAL COSTS vs STATE COSTS / FEASIBILITY STUDY and AGREEMENTS/AFA WITH TxDOT/LPA COORDINATION		
Supplemental #1 to Work Authorization #1 revises the scope of work and removes this scope.	L&G	100%
FC 11002 – SCHEMATIC FOR ROADWAY		
No change from prior invoice L&G has modified schematic to address the following: <ul style="list-style-type: none">• Added existing profile @ CL based on LIDAR• Added existing LT & RT ROW profile based on LIDAR• Updated ROW parcel counts• Established exist. Centerline of ROW based on approved survey• Placed vertical alignment on schematic based on LIDAR.• Received topo and TIN file.• The roadway schematic was updated based on comments from TxDOT.	L&G	98%

FC 11005 – SCHEMATIC FOR OUTFALLS		
<p>No change from prior invoice L&G has developed schematics for each of the nine outfalls on the project (approx. 8 mi.) that include the following:</p> <ul style="list-style-type: none"> • Determined existing and proposed horizontal alignments along all nine (9) outfalls. • Vertical alignments have been determined based on LIDAR information. • Aerial imagery via drone has been generated for all nine outfalls based on shape files. • Existing ROW based on Carson Maps and/or HCCID#9 information and proposed ROW based on HCDD#1 criteria. • All existing structures along outfalls have been visually identified to include on schematics. • Aerial imagery via drone has been generated for all nine outfalls based on shape files. L&G has updated schematics based on this. • L&G has identified all HCDD#1 Bond projects. • L&G has determined ROW and construction costs for all nine outfalls. • L&G has met with HCDD#1 to get concurrence. • Letter from Pct. 1 to TxDOT was sent on July 15, 2019 on funding recommendations for outfalls. HCDD#1 concurred by letter dated October 7, 2019. • Concurrence letter was sent from TxDOT on 12-2-19 regarding outfall improvements. • Environmental Scoping meeting with TxDOT was held on 8-21-19. • The outfall schematic was updated and submitted to TxDOT. 	L&G	98%
FC 11007 – UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TxDOT / FHWA & EA UPDATE		
<p>L&G Submitted the updated roadway and outfall schematics to the County for their submittal to TxDOT. TxDOT reviewed the schematic and has provided no comments. A preliminary Design Concept Conference (DCC) meeting was held between TxDOT, Pct #1, and L&G staff. TxDOT has scheduled a DCC meeting for June 12, 2020.</p>	L&G	85%
FC 11009 – OFFICE SURVEYS FOR SCHEMATIC (PRELIMINARY OWNER IDENTIFIED AND COMP. PROPERTY RIGHTS, ROADWAY & OUTFALLS		
This task is complete.	L&G	100%
FC 12001 – Re-EVALUATION OF ENVIRONMENTAL DOCUMENT WITH TxDOT		
<p>Provided an updated reevaluation checklist based on TxDOT’s request and continues to prepare the required technical documents.</p>	L&G	73%

FC 12002 – PUBLIC INVOLVEMENT FOR THE PROJECT WITH STAKEHOLDERS		
L&G submitted the draft notices to TxDOT for their review and has requested an open-house style public meeting. L&G continues to prepare the exhibits and agenda packet for submittal to TxDOT. L&G continues to update and verify the property owner address list.	L&G	52%
FC 12007 – ARCHEOLOGICAL AND HISTORICAL RESEARCH		
L&G continues to update fact sheets, shape files, and supporting information for the Sub-Consultant to schedule the necessary surveys for the project.	L&G	15%
FC 12008 – ENGINEERING TECHNICAL SUPPORT FOR LIMITED PUBLIC INVOLVEMENT		
Roadway and outfall schematics have been developed and presented to both the county and TxDOT. L&G Engineering attended a preliminary DCC meeting with the roadway and outfall schematics.	L&G	40%
FC 12070 – ARCHEOLOGICAL AND HISTORICAL RESEARCH / SUB		
This task has not begun	AmaTerra	0%
FC 15007 – SUB-SURFACE UTILTIY ENGINEERING (SUE) 25 POT HOLES / MILE (ROADWAY AND OUTFALLS)		
Supplemental #1 to Work Authorization #1 revises the scope of work. We have completed the sub-contracts with Alfonso Quintanilla and have provided his office with our existing digital files. We are plotting and researching the various utilities within the project.	L&G	100%
FC 15008 – FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF ROADWAY AND 9 OUTFALLS		
Supplemental #1 to Work Authorization #1 revises the scope of work. We have completed the sub-contracts with Alfonso Quintanilla and have provided his office with our existing digital files. All of the H&V Control is being gathered and coordination with the surveyor is on-going.	L&G	99.8%
FC 15070 - SUB-SURFACE UTILITY ENGINEERING (SUE) 25 POT HOLES / MILE (ROADWAY AND OUTFALLS) / SUB		
This task has not begun.	QUINTANILLA	0%
FC 15080 - FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF ROADWAY AND 9 OUTFALLS / SUB		
No change from prior invoice Quintanilla, Headley & Associates (Sub) have set all BM's to establish vertical control. 3 wire loops have been completed. They have also set/recovered existing centerline of roadway as well as center of existing ROW for the section from 1000 ft. south of Mile 14 ½ to SH 107. Sub has submitted topo and TIN files that L&G Engineering is currently reviewing for correctness. Sub has completed Outfall survey for B7 thru B9.	QUINTANILLA	73%

FC 16101 – HYDROLOGICAL MAP FOR OUTFALL DRAIN DITCHES (OUTFALL AND CAPACITIES)		
No change from prior invoice L&G has updated Hydrologic Map based on the latest outfall schematics approved by HCDD#1. Comments received at meetings with the various Cities and TxDOT have been addressed.	L&G	96%
FC 16204 – TRAFFIC SIGNAL RE-WARRANTS AND MULTIWAY STOP CONTROL WARRANT STUDIES		
No change from prior invoice L&G has received and reviewed ETSI (Sub) Traffic Signal Re-Warrant study for the signal at SH 107. L&G has received and reviewed all Multiway-stop control warrant studies submitted by ETSI as well.	L&G	81.7%
FC 16206 – TRAFFIC COUNT PROJECTIONS FOR 20-YRS FOR SCHEMATICS		
This task is now complete.	L&G	100%
FC 16240 - TRAFFIC SIGNAL RE-WARRANTS AND MULTIWAY STOP CONTROL WARRANT STUDIES / SUB		
No change from prior invoice ETSI (Sub) is approximately 80% complete with their Traffic Signal and Multi-Way Stop Control Warrant Studies. The following tasks have been performed: <ul style="list-style-type: none"> • Collection of Data and Conduction of Field Investigations • Intersection Exhibits • Traffic signal & Multi-Way Stop control Warrant Analysis • Photo Album • Recommendations • Study Report 	ETSI	81.7%
FC 16260 - TRAFFIC COUNT AND MODELING PROJECTIONS FOR 20-YRS FOR SCHEMATICS / SUB		
C&M has completed their traffic projects and has submitted all data. This task is now complete.	C&M	90.8%

Supplemental #1 to Work Authorization #1 – Revised Scope of Work

FC 10206 - FC 10206 – DETERMINE LOCAL COSTS vs STATE COSTS / FEASIBILITY STUDY and AGREEMENTS/AFA WITH TxDOT/LPA COORDINATION		
Supplemental #1 to Work Authorization #1 revises the scope of work and removes this scope.	L&G	100%

FC 10211 - PRELIMINARY ENGINEERING		
<p>Supplemental #1 to Work Authorization #1 revises the scope of work to include this scope.</p> <p>L&G has developed several cost breakdowns for Pct. #1 and have had several meetings with TxDOT and the MPO to verify the approximate totals based on the preliminary schematics and schedule of work. This work is ongoing on a monthly basis and updated as the schematics continue to be worked on.</p>	L&G	87%
FC 11005 – SCHEMATIC FOR OUTFALLS		
<p>No change from prior invoice</p> <p>L&G has developed preliminary schematics for each of the nine outfalls on the project (approx. 8.0 mi.) that include the following:</p> <ul style="list-style-type: none"> • Determined exist and prop horizontal alignments along all nine outfalls. • Vertical alignments have been determined based on LIDAR information. • Aerial imagery via drone has been generated for all nine outfalls based on shape files. • Existing ROW based on Carson Maps and/or HCCID#9 information and proposed ROW based on HCDD#1 criteria. • All existing structures along outfalls have been visually identified to include on schematics. • Aerial imagery via drone has been generated for all nine outfalls based on shape files. L&G has updated schematics based on this. • L&G has identified all HCDD#1 Bond projects. • L&G has determined ROW and construction costs for all nine outfalls. • L&G has met with HCDD#1 to get concurrence. A meeting with TxDOT was held on October 28, 2019. • Concurrence letter was sent from TxDOT on 12-2-19 regarding outfall improvements. 	L&G	97%
FC 15007 – SUB-SURFACE UTILTIY ENGINEERING (SUE) 25 POT HOLES / MILE (ROADWAY AND OUTFALLS)		
Supplemental #1 to Work Authorization #1 revises the scope of work.	L&G	100%
FC 15008 – FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF ROADWAY AND 9 OUTFALLS		
Supplemental #1 to Work Authorization #1 revises the scope of work.	L&G	100%

FC 16403 – PROJECT MANAGEMENT		
<p>Supplemental #1 to Work Authorization #1 revises the scope of work. Several meetings with layouts have been held with TxDOT, Hidalgo County Pct #1 and HCDD#1. L&G lead a preliminary DCC meeting and TxDOT has scheduled a DCC meeting.</p>	L&G	92%

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

Sincerely,



Armando J. Sandoval, P.E.
 Project Manager

