

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

INVOICE#: 11328284
INVOICE DATE: 8/31/2020

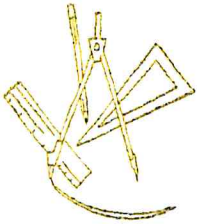
BILL TO: 34
Hidalgo County Pct. #1
902 Joe Stephens
Weslaco, TX 78599

JOB: 180601
FM 1015 Project WA#1
PO# 785461

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of August 2020.						
Work Authorization #1 - Public Involvement, Environmental Re-Evaluation, Schematic Update, Surveying and Hydrologic Design						
10206-Feasibility	30,000.00	30,000.00		30,000.00	100.0	-
11002-Schm Roadway	309,600.00	300,312.00		300,312.00	97.0	9,288.00
11004-Schm Outfalls	360,000.00	352,800.00		352,800.00	98.0	7,200.00
11007-Prelim ROW Req	42,000.00	42,000.00		42,000.00	100.0	-
11009-Prelim ROW Out	42,000.00	42,000.00		42,000.00	100.0	-
12002-Pub Invmnt (PM)	57,600.00	24,192.00		24,192.00	42.0	33,408.00
12008-Eng/Pub Mtgs	40,000.00	20,000.00		20,000.00	50.0	20,000.00
15006-Field Surveys	98,179.00	92,905.85		92,905.85	94.6	5,273.15
15060-Field Survey/SUB	135,821.00	120,406.00		120,406.00	88.7	15,415.00
16101-Hydro Map	135,000.00	129,600.00	2,700.00	132,300.00	98.0	2,700.00
Sub Total	1,250,200.00	1,154,215.85	2,700.00	1,156,915.85		93,284.15
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	28,500.00		28,500.00	95.0	1,500.00
15006-Field Survey	-78,179.00	-78,179.00		-78,179.00	100.0	-
16403-ProjectMngmnt	78,179.00	70,361.10	1,563.58	71,924.68	92.0	6,254.32
Sub Total	0.00	-9,317.90	1,563.58	-7,754.32		7,754.32
TOTAL:	1,250,200.00	1,144,897.95	4,263.58	1,149,161.53	91.9	101,038.47

ORIGINAL CONTRACT SUM	\$	1,250,200.00
CHANGE BY CHANGE ORDER	\$	0.00
CONTRACT SUM TO DATE	\$	1,250,200.00
TOTAL COMPLETED TO DATE	\$	1,149,161.53
LESS PREVIOUS INVOICES	\$	1,144,897.95
CURRENT PAYMENT DUE	\$	4,263.58


PROJECT MANAGER'S SIGNATURE



September 1, 2020

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

RE: FM 1015 – WA#1
Limits: Mile 12 to SH 107
PO#785461- L&G Project#180601

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 August 2020.

The following is attached:

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

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

		% Complete
FC 10206 – DETERMINE OF LOCAL COST vs STATE COST / FEASIBILITY STUDY and AGREEMENTS/AFA WITH TxDOT/LPA COORDINATION		
Supplemental #1 to Work Authorization #1 revises the scope of work and removes this scope of work	L&G	100%
FC 11002 – SCHEMATIC FOR ROADWAY per TxDOT REQUIREMENTS		
A Design Concept Conference with TxDOT was held on October 11, 2019. Schematic was updated with comments from this meeting. An Env. Scoping meeting with TxDOT was held in March 2020. L&G continues to develop the schematic in preparation for an upcoming public meeting. No change from prior invoice.	L&G	97%

FC 11004 – SCHEMATIC FOR OUTFALLS (w/o FIELD VERIFIED EXIST ROW)		
<p>L&G has developed preliminary schematics for each of the eight outfalls on the project that include the following:</p> <ul style="list-style-type: none"> • Determined existing and proposed horizontal alignments along all eight (8) outfalls. • Vertical alignments have been determined based on Survey information provided by ROWSS. • Aerial imagery via drone has been generated for all eight 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. • L&G has received a “Market” analysis from sub (PAS) to determine ROW costs along outfalls. This analysis was based on comparable sales within the project area. • Construction cost Estimates for all outfalls have been determined. • L&G has identified all HCDD#1 Bond projects. <p>A meeting with TxDOT and HCDD#1 was held on October 28, 2019 to agree on cost participation of each entity. TxDOT sent letter to Precinct 1 on 12-2-19 agreeing to cost participation proposals as requested.</p> <p>Outfall schematics have been finalized and prepared for submittal to the County for their submittal to TxDOT. No change from prior invoice.</p>	L&G	98%
FC 11007 – OFFICE SURVEYS FOR SCHEMATIC (PREL. OWNERSHIP IDENTIFICATION AND PROPERTY RIGHTS) ROADWAY		
This task is complete.	L&G	100%
FC 11009 – OFFICE SURVEYS FOR SCHEMATIC (PREL. OWNERSHIP IDENTIFICATION AND PROPERTY RIGHTS) 13,240 FT. OF OUTFALLS		
This task is complete.	L&G	100%
FC 12002 – PUBLIC INVOLVEMENT FOR THE PROJECT WITH STAKEHOLDERS AND 1 PUBLIC MEETING		
L&G is preparing the updated property owners address list and continues to prepare the public meeting materials in preparation of a mock meeting with TxDOT. No change from prior invoice.	L&G	42%
FC 12008 – ENGINEERING TECHNICAL SUPPORT AT PUBLIC MEETINGS WITH LAYOUTS etc.		
L&G generated the Preliminary Schematic, Hydrologic Map, Typical Sections for presentation to the various stakeholders. This is an ongoing deliverable. No change from prior invoice.	L&G	50%

FC 15006 – FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF ROADWAY		
<p>Supplemental #1 to Work Authorization #1 revises the scope of work.</p> <p>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. The existing H&V Control as well as the 1st Order Survey Control for the Project was given to the Surveyor.</p> <p>No change from prior invoice.</p>	L&G	94.6%
FC 15060 - FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF ROADWAY / SUB		
<p>ROWSS (sub) has performed the following to date:</p> <ul style="list-style-type: none"> • Established primary control based on TxDOT's geodetic network • Established secondary control based on primary points • Set BM's throughout project @ 1000 ft spacing and developed control sheets • Has recovered existing ROW points throughout the project limits • Has established existing centerline of ROW • Approx. 80% complete on Topo, cross sections, Profiles of intersections <p>No change from prior invoice.</p>	ROWSS	88.7%
FC 16101 – HYDROLOGICAL MAP FOR 8 OUTFALL DRAIN DITCHES (OUTFALL AND CAPACITIES)		
<p>An updated Hydrologic Map was submitted to TxDOT for their approval and concurrence. The Hydrologic Map was updated with Existing and proposed cross sections. The capacity of the existing ditches were calculated and that CFS was analyzed within the proposed ditches to generate water surface elevations.</p>	L&G	98%

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

FC 10206 – DETERMINE OF LOCAL COST vs STATE COST / FEASIBILITY STUDY and AGREEMENTS/AFA WITH TxDOT/LPA COORDINATION		
<p>Supplemental #1 to Work Authorization #1 revises the scope of work and removes this scope.</p>	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 along with Comm. Fuentes presented to TxDOT the subject project and received concurrence from TxDOT for the County to take the lead in moving the project forward. David Suarez has been instrumental with L&G Staff in the assignment of MPO funding for the Project. Meeting was held with</p>	L&G	95%

<p>TxDOT in June 2019. Estimated cost breakdowns for construction and land costs have been forwarded to TxDOT and HCDD#1 in an effort to establish contributions. A meeting was held on October 28, 2019 with TxDOT and HCDD#1 to agree on cost contributions for each entity. Schematics have been updated based on comments from TxDOT.</p>		
<p>FC 15006 – FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF ROADWAY</p>		
<p>Supplemental #1 to Work Authorization #1 revises the scope of work.</p>	<p>L&G</p>	<p>100%</p>
<p>FC 16403 – PROJECT MANAGEMENT</p>		
<p>Supplemental #1 to Work Authorization #1 revises the scope of work.</p> <p>Contracts have been developed with all the subcontractors and the County. Several meetings with layouts have been held with City of Edcouch, TxDOT, Hidalgo County Pct #1 and HCDD#1. Meeting was held with TxDOT on January 10, 2019 to discuss TxDOT schematic criteria for on-system projects. A Design Concept Conference was held with TxDOT on October 11, 2019 in which L&G presented all aspects of the project and received direction on how to proceed. An environmental scoping meeting will need to be scheduled. A meeting was held on March 20, 2019 with HCDD#1 to discuss outfalls. Subsequent meetings have been held with HCDD#1 and TxDOT in determining the funding construction cost of outfalls. Roadway and outfall schematics have been submitted to the county for their submittal to TxDOT. The Hydrologic map was updated with existing and proposed ditch cross sections and calculated CFS/watersurface and submitted to TxDOT requesting their review and concurrence.</p>	<p>L&G</p>	<p>92%</p>

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

Sincerely,



Armando J. Sandoval, P.E.
Project Manager

