



January 8, 2019

Hon. Joe M. Flores
Commissioner, Hidalgo County Pct. No. 3
Attn: Norma Ceballos
724 N. Breyfogle
Mission, Texas 78572

**RE: Supplemental No. 1 to Work Authorization No. 6
Mile 3 Project (from FM 2221 to FM 492) – Contract No. C-13-305-10-07**

Dear Commissioner Flores:

L&G respectfully requests your approval of Supplemental No. 1 to Work Authorization No. 6. As previously discussed, it has become necessary to supplement this work authorization for the following reasons:

- The task of “Project Management” – (FC 164) has been added to the Exhibit B - Scope of Services for this project due to complexities of coordinating with the following agencies:
 - Texas Department of Transportation
 - Hidalgo County MPO
 - Hidalgo County
 - Hidalgo County Drainage District #1

The previously approved estimated costs for Field Surveys has been reduced by \$24,527.43. This reduced cost was been redirected Project Management as identified in the attached Exhibit D-1 “Estimated Man-hour Breakdown”. **Approval of this Supplemental does not increase or decrease the original approved amount of Work Authorization No. 6.**

Attached you will find the following:

- 1.) Two signed originals of Supplemental No. 1 to Work Authorization No. 6 with the following attachments:
 - Exhibit B “Scope of Services to be Provided by the Engineer”
 - Exhibit D-1 “Estimated Man-hour Breakdown”

Should you have any questions regarding this submittal, do not hesitate to call me at (956) 585-1909.

Sincerely,


Jacinto Garza, P.E.
Project Manager

Attachments

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

L&G Consulting Engineers, Inc.
Mercedes , TX United States

Certificate Number:
2018-429731

Date Filed:
11/30/2018

Date Acknowledged:

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

Hidalgo County

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

C-13-305-10-07
Mile 3 (from FM 2221 to FM 492) Suppl. No. 1 to Work Auth. No. 6

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Garza , Jacinto	Mercedes , TX United States	X	
	Sandoval, Armando	Mercedes, TX United States		X

5 Check only if there is NO Interested Party.

6 UNSWORN DECLARATION

My name is Jacinto Garza, and my date of birth is 10/23/61.

My address is 2100 W Expwy 83 (street), Mercedes Tx (city), 78570 (zip code), USA (country).

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Hidalgo County, State of Texas, on the 9th day of January 2019 (month) (year).

Signature of authorized agent of contracting business entity (Declarant)

EXHIBIT "F"
Supplemental Agreement Form

THE STATE OF TEXAS §
 §
COUNTY OF HIDALGO §

**SUPPLEMENTAL AGREEMENT NO. 1
TO WORK AUTHORIZATION NO. 6
TO AGREEMENT FOR PROFESSIONAL SERVICES
C-13-305-10-07**

This **SUPPLEMENTAL AGREEMENT** is made pursuant to the terms and conditions of Article 8 of the Agreement made by and between **HIDALGO COUNTY**, hereinafter called the "**Owner**", and **L&G ENGINEERING**, professional engineers of Mercedes, Texas, hereinafter called the "**Engineer**".

WITNESSETH

WHEREAS, the **Owner** and the **Engineer** executed the Main Contract Agreement on the 22nd day of October 2013, concerning professional engineering services for the "**Mile 3 project from FM 2221 to FM 492**" hereinafter referred to as the "**Project**"; and,

WHEREAS, it has become necessary to amend "*Exhibit B, Scope of Services to be provided by the Engineer*" of Work Authorization No. 6 for the following reasons:

1. Add "Project Management – FC 164" to the Scope of Services due to the complexities of coordinating with the various agencies (Texas Department of Transportation, Hidalgo County Metropolitan Planning Organization, Hidalgo County and the Hidalgo County Drainage District No.1) regarding this project; and

WHEREAS, it has become necessary to amend "*Exhibit D-1 – Estimated Man-hour Breakdown of Work Authorization No. 6* to decrease the total proposed costs for Field Surveys and redirecting those cost differences to Project Management. The total approved cost of this Work Authorization does not increase and/or decrease; and,

NOW THEREFORE, premises considered, the **Owner** and the **Engineer** agree that said **Agreement** is amended as follows:

Sections of the Agreement, EXHIBIT "B" – SERVICES TO BE PROVIDED BY THE ENGINEER and EXHIBIT "D-1" – ESTIMATED MAN-HOUR BREAKDOWN, are revised to reflect the above listed modifications of this Supplemental.

All other provisions are unchanged and remain in full force and effect.

IN WITNESS WHEREOF, the Engineer and the Owner have caused this Supplemental Agreement to the Agreement for Professional Services to be executed as of the _____ day of _____, 2019.

**THE ENGINEER:
ENGINEER**

BY:  _____
Jacinto Garza, P.E., President

**THE OWNER:
HIDALGO COUNTY**

BY: _____
Richard Cortez, County Judge

LIST OF EXHIBITS:

EXHIBIT B – "Scope of Services to be provided by the Engineer"

EXHIBIT D-1 – "Project Estimated Fee Schedule"

EXHIBIT "B"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

SECTION 11 – PROJECT MANAGEMENT
(Function Code 164)

Meetings, Coordination & Support for Project Management

The Engineer shall meet and coordinate with the Texas Department of Transportation, Hidalgo County Metropolitan Planning Organization, Hidalgo County and the Hidalgo County Drainage District No. 1 and all other affected parties. The Engineer shall serve as representative for the Owner in coordination items. The Engineer shall coordinate with the Owner's staff on all Project related items.

		TOTAL HOURS	Sub-Contract Amount(s)	ROW Acquisition Total	TOTAL LINE ITEM COST
CONTRACT					
SUPPLEMENTAL NO. 1 TO WORK AUTHORITY					
PHASE III - PS&E, CONSTRUCTION MANAGEMENT					
1	PS&E Development	4503.862			\$ 460,000.09
2	Coordination with Sub-Consultant for Field Surveys	233.8008			\$ 23,565.57
2a	Field Surveys for Design and Construction (SUB -		\$ 56,907.00		\$ 56,907.00
3	Engineering Fee to Create 1 Set of Plans and Sub	686.591			\$ 66,000.04
4	Bridge Layout for TxDOT Bridge Division in Austin				\$ 45,000.03
5	PS&E Development for Bridge	787.492			\$ 75,000.03
6	Scour Report and Design for Bridge Foundation	175.748			\$ 21,000.05
7	Geotechnical Design for Bridge Foundations and	428.47			\$ 50,000.02
8	Coordination with Sub-Consultant for Flashing Bea	46.476			\$ 4,880.02
8a	Design for Flashing Beacon at FM 2221 (SUB - se	0	\$ 15,120.00		\$ 15,120.00
9	Construction Management (18 months)	1558.766			\$ 162,000.00
10	Project Management to include coordination	218.3888			\$ 24,527.43
SUB-TOTAL		3421.2058	\$ 72,027.00	\$ -	\$ 1,004,000.29

Fee:	\$	1,004,000.29
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EE:	\$	1,004,000.00
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Exhibit "D"
BUDGET -LUMP SUM RATE BASIS OF PAYMENT

Work Authorization No.

TASK AND DESCRIPTION		Survey		Survey	4-man	3-man	2-man	Admin/	Total	Cost
FC 150 Field Surveying		PM	RPLS	Technician	Survey Crew	Survey Crew	Survey Crew	Clerical	Hours	
HOURLY RATE:		\$124.00	\$125.00	\$82.00	\$175.00	\$155.00	\$130.00	\$50.00		
PHASE 1 - DTM TOPOGRAPHY AND CROSS SECTIONS										
A. Setting Benchmarks										
1. Setting Benchmarks @ 1000'(ft) intervals		0	0	0	0	60	0	0	60	\$ 9,300.00
2. Topographic & Crosssections		0	4	15	0	50	0	0	69	\$ 9,480.00
3. Locate Visible Utilities		0	0	0	0	24	0	0	24	\$ 3,720.00
a. Utilities		0	0	4	0	0	0	0	4	\$ 328.00
4. Cross Culverts, Driveway Culverts, Inverts		0	0	4	0	4	0	0	8	\$ 948.00
5. Right of Entry, ROW Research, Appraisal Dist. Records		0	0	0	0	0	0	0	0	\$ -
6. Proposed Centerline on Existing Pavement Pre-Construction for Utilities		1	2	16	0	0	24	0	43	\$ 4,806.00
7. Profile and Cross section Intersecting Streets		0	0	20	0	40	0	0	60	\$ 7,840.00
8. Irrigation Crossings		0	0	0	0	0	0	0	0	\$ -
9. Existing Storm Drain H&V		0	0	4	0	2	0	0	6	\$ 638.00
10. Tie Existing Underground and Overhead Utilities Coordinate with Engineer		0	0	0	0	0	0	0	0	\$ -
11. Additional Field Surveying										
a. Irrigation Lines		0	0	0	0	0	0	0	0	\$ -
b. Outfalls		1	1	6	0	4	0	0	12	\$ 1,361.00
c. Driveways and Turnouts		0	0	4	0	2	0	0	6	\$ 638.00
12. Profiles of Existing Drainage Facilities		0	0	8	0	8	0	0	16	\$ 1,896.00
13. Obtain Elevations of Manholes and Valves of Utilities		0	0	1	0	2	0	0	3	\$ 392.00
14. Provide temp. signs, traffic control, flags, safety equip. etc.		0	0	0	0	8	0	0	8	\$ 1,240.00
15. Ties to Existing Bridges or Culverts that may be in conflict with new construction		0	0	0	0	8	0	0	8	\$ 1,240.00
16. Inventory Signs, mailboxes, and driveways		0	0	3	0	2	0	0	5	\$ 556.00
17. Survey Control Data Sheets per TxDOT		0	4	36	0	0	0	0	40	\$ 3,452.00
18. Recover and Establish Existing CL and ROW		0	0	0	0	0	0	0	0	\$ -
Subtotal Hours		2	11	121	0	214	24	0	372	
Subtotal Cost - Phase 2		\$248.00	\$1,375.00	\$9,922.00	\$0.00	\$33,170.00	\$3,120.00	\$0.00		\$ 47,835.00
PHASE 2 - FINAL REPORT & DELIVERABLES										
A. CADD file (2D & 3D) for limits of project		0	0	24	0	0	0	0	24	\$ 1,968.00
B. Final Report and Deliverables		4	8	16	0	0	0	5	33	\$ 3,058.00
Subtotal Hours		4	8	40	0	0	0	5	57	
Subtotal Cost - Phase 4		\$496.00	\$1,000.00	\$3,280.00	\$0.00	\$0.00	\$0.00	\$250.00		\$ 5,026.00
PROJECT MANAGEMENT & OVERSIGHT										
A. Meeting & Coordination w/ Engineers		4	4	0	0	0	0	1	9	\$ 1,046.00
B. QC/QA Survey		8	16	0	0	0	0	0	24	\$ 2,992.00
Subtotal Hours		12	20	0	0	0	0	1	13	
Subtotal Cost - PM & Oversight		\$1,488.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.00		\$ 4,038.00
Sub-Total Fee FC 150										
		\$2,232.00	\$4,875.00	\$13,202.00	\$0.00	\$33,170.00	\$3,120.00	\$300.00	442	\$56,907.00
Grand Total FC 150										
										\$56,907.00

EXHIBIT D "FEE SCHEDULE"
MILE 3 ROAD AT FM 2221 AND AT CAPA PLANT ENTRANCE

Ergonomic Transportation Solutions, Inc.			MANHOURS					
FLASHING BEACON DESIGN			No. of sheets (estimated)	Project Manager	Traffic Engineer	CADD Designer	Administrative Assistant	Total
TASK								
1	General Notes	n/a	0	2	0	2	4	
2	Basis of Estimate and Quantities	1	2	4	4	0	10	
3	Condition Diagram	1	2	6	10	0	18	
4	Proposed Flashing Beacon Layout	1	8	16	32	0	56	
5	Electrical Schedules	n/a	2	4	6	0	12	
6	Int..Signs, Pav.Markings, WheelChairs	n/a	0	4	4	0	8	
7	Standard Sheets List	5	1	2	4	0	7	
8	Specifications List & Cost Estimate	n/a	1	4	6	0	11	
9	Field Investigation & Meeting	n/a	4	8	8	1	21	
			0	0	0	0	0	
			0	0	0	0	0	
	Subtotal	8	20	50	74	3	147	
Total Sheets/Labor Hours			8	20	50	74	3	147
Contract Rates			\$ 68.00	\$ 34.00	\$ 23.00	\$ 19.00		
Direct Salary Cost			\$ 1,360.00	\$ 1,700.00	\$ 1,702.00	\$ 57.00	\$ 4,819.00	
Overhead Multiplier			165.260%	\$ 2,247.54	\$ 2,809.42	\$ 2,812.73	\$ 94.20	\$ 7,963.88
Fixed Fee			12.50%	\$ 450.94	\$ 563.68	\$ 564.34	\$ 18.90	\$ 1,597.86
Total Labor Costs			\$ 4,058.48	\$ 5,073.10	\$ 5,079.07	\$ 170.10	\$ 14,380.74	

Ergonomic Transportation Solutions, Inc. Expenses
EXPENSES

Printing Reproduction	\$ 25.00
Travel (airfare, lodging, mileage or car rental)	\$ 600.00
Delivery	\$ 114.26
Total Expenses	\$ 650.00

TOTAL COST **\$ 15,120.00**