

THE STATE OF TEXAS §
 §
COUNTY OF HIDALGO §

SUPPLEMENTAL AGREEMENT NO. 1
TO WORK AUTHORIZATION NO. 1
TO AGREEMENT FOR PROFESSIONAL SERVICES
C-15-300-09-01

This **SUPPLEMENTAL AGREEMENT** is made pursuant to the terms and conditions of Article 8 of the Agreement made by and between **HIDALGO COUNTY**, acting herein by and through the **Commissioner’s Court**, hereinafter called the “**Owner**”, and **L&G Consulting Engineers Inc. d/b/a L&G Engineering**, Professional Engineers of Mercedes, Texas, hereinafter called “**Engineer**”.

WITNESSETH:

WHEREAS, the **Owner** and the **Engineer** executed the **Agreement** on the 1st day of September, 2015 concerning engineering for **Cesar Chavez Rd (from Business 83 to E. Nolana Loop)** project for Hidalgo County Precinct No. 2 (hereinafter referred to as the “**Project**”); and,

WHEREAS, Article 8 of the **Agreement**, (Supplemental Agreements), establishes “The terms of this Agreement may be amended by supplemental agreement if the **Owner** determines that (1) there is a need to extend the Termination Date identified in Article 3.1 hereof, (2) there has been a significant change in the scope, complexity or character of the services to be performed by the **Engineer**, and/or (3) for any other reason agreeable to the **Owner** and the **Engineer**”; and,

WHEREAS, it has become necessary to extend the project limits to include Business 83 south to Ridge Road; and,

WHEREAS, it has become necessary to replace the existing “Exhibit D – Fee Proposal” of Work Authorization No. 1 with the attached “Exhibit D1 –WA#1 Supplemental #1- Fee Proposal” to increase the original Work Authorization amount of **\$1,151,217.08** to **\$1,401,211.40**; therefore, the amount of **Supplemental No. 1 is \$249,994.32.**

A. AGREEMENT

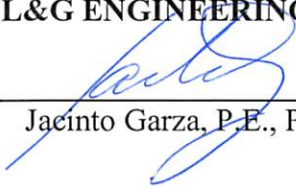
NOW THEREFORE, premises considered, the **Owner** and the **Engineer** agree that said **Agreement** is amended as follows:

- I.** Project limits are extended to include Business 83 south to Ridge Road and “Exhibit D – Fee Proposal”, of Work Authorization No. 1 to be replaced with “Exhibit D1-WA#1 Supplemental#1 – Fee Proposal” attached.

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 _____, 2017.

THE ENGINEER:
L&G CONSULTING ENGINEERS INC.
d/b/a **L&G ENGINEERING**

BY: 

Jacinto Garza, P.E., President

THE OWNER:
HIDALGO COUNTY

BY: _____
Ramon Garcia, County Judge

LIST OF ATTACHMENTS

Exhibit D1

**EXHIBIT D1
WA#1 Supplemental #1 ~ FEE PROPOSAL**

**Cesar Chavez Road Project
HIDALGO COUNTY PRECINCT #2**

TASK	MANHOURS							Sub-Contract Amounts	Total Line Item Cost
	Senior Project Manager	Senior Engineer	Project Engineer	Senior Engineering Technician	Senior Environmental Scientist/Specialist	Admin / Clerical	L&G TOTAL HOURS		
WA #1 - Cesar Chavez Environmental Assessment, Public Involvement, Schematic Design & Survey									
1 Environmental Document for TxDOT/FHWA	8				1002	412	1422		\$ 174,851.96
2 Public Involvement for the Project with Stakeholders and 1 Public Meeting	26	95	138			26	285		\$ 41,627.68
3 Archeological and Historical Research					374	160	534		\$ 65,008.52
4 Engineering Technical Support at Public Meetings with Layouts, Etc.	40	100	130	128		20	418		\$ 56,431.72
5 Schematic for Roadway (TxDOT/FHWA)	80	500	604	437			1621		\$ 225,159.12
6 Hydrological Map for Outfall Drain Ditch (HCDD#1)	40	200	223	192			655		\$ 91,001.66
7 Schematic Design for Outfall (New Location)	45	84	121	99			349		\$ 49,506.86
8 HCMPO/TxDOT Coordination for TxDOT Project Review Under New Programming Authority	85	300	50			50	485		\$ 80,030.00
9 Office Surveys for Schematic (Prel. Ownership Identification and Property Rights)	50	100	120	87		82	439		\$ 57,029.68
10 Preliminary Compensable Utilities Identification on Schematic	40	100	134	110			384		\$ 54,003.64
11 Update Schematic Based on Comments as Provided by TxDOT/FHWA	48	110	145	101			404		\$ 58,005.14
12 Engineering Technical Support at Public Hearing with Layouts, Etc.	10	40	64	30		36	180		\$ 22,505.04
13 Public Involvement for 1 Public Hearing	23	51	192			48	314		\$ 41,627.68
14 Coordination with Surveyor to Ensure Adequate Information for Deliverable	6	6	7				19		\$ 3,228.38
14a SUB: Field Surveys for Design and Construction	See Detailed Proposal from QHA on Sheet 2 of 3							\$ 131,200.00	\$ 131,200.00
Subtotal Hours	501	1686	1928	1184	1376	834	7509		
Hourly Base Rate	\$ 70.00	\$ 58.00	\$ 43.00	\$ 30.00	\$ 49.00	\$ 20.00			
FY 15 Contract Hourly Rate w/ OH Mult. (178.12%) & Fixed Fee (12.00%)	\$ 211.40	\$ 175.16	\$ 129.86	\$ 96.64	\$ 147.98	\$ 60.40			
Total Labor Costs	\$ 105,911.40	\$ 295,319.76	\$ 250,370.08	\$ 114,421.76	\$ 203,620.48	\$ 50,373.60	\$ 1,020,017.08	\$ 131,200.00	\$ 1,151,217.08

Project Team Cost Proposals - Sub Consultants **Cost Proposal**
 Quintanilla, Headley & Associates, Inc. \$131,200.00 (See detailed break-down of fee on page 2 of 3)

Total Project Fee (Work Authorization #1): \$1,151,217.08

Supplemental #1 to WA #1 - Cesar Chavez Environmental Assessment, Public Involvement, Schematic Design & Survey									
1 Environmental Document for TxDOT/FHWA	2				64	16	82		\$ 10,859.92
2 Public Involvement for the Project with Stakeholders and 1 Public Meeting	4	12	24			4	44		\$ 6,305.76
3 Archeological and Historical Research					90	36	126		\$ 15,492.60
4 Engineering Technical Support at Public Meetings with Layouts, Etc.	6	14	18	18			56		\$ 7,797.64
5 Schematic for Roadway (TxDOT/FHWA)	30	196	236	170			632		\$ 87,749.12
6 Hydrological Map for Outfall Drain Ditch (HCDD#1)	6	36	42	36			120		\$ 16,507.32
7 Office Surveys for Schematic (Prel. Ownership Identification and Property Rights)	10	18	22	16		14	80		\$ 10,515.64
8 Preliminary Compensable Utilities Identification on Schematic	10	26	32	30			98		\$ 13,722.88
9 Update Schematic Based on Comments as Provided by TxDOT/FHWA	10	22	30	22			84		\$ 11,989.40
10 Engineering Technical Support at Public Hearing with Layouts, Etc.	2	10	16	8		8	44		\$ 5,508.48
11 Public Involvement for 1 Public Hearing	6	12	50			12	80		\$ 10,588.12
12 SUE Effort for Utilities in Conflict (Estimated 25 holes)	14	40	40			40	134		\$ 17,576.40
13 Coordination with Surveyor to Ensure Adequate Information for Deliverable	12	20	18				50		\$ 8,377.48
13a SUB: Field Surveys for Design and Construction	See Detailed Proposal from QHA on Sheet 3 of 3							\$ 27,003.56	\$ 27,003.56
Subtotal Hours	112	406	528	300	154	130	1630		
Hourly Base Rate	\$ 70.00	\$ 58.00	\$ 43.00	\$ 30.00	\$ 49.00	\$ 20.00			
FY 15 Contract Hourly Rate w/ OH Mult. (178.12%) & Fixed Fee (12.00%)	\$ 211.40	\$ 175.16	\$ 129.86	\$ 96.64	\$ 147.98	\$ 60.40			
Total Labor Costs	\$ 23,676.80	\$ 71,114.96	\$ 68,566.08	\$ 28,992.00	\$ 22,788.92	\$ 7,852.00	\$ 222,990.76	\$ 27,003.56	\$ 249,994.32

Project Team Cost Proposals - Sub Consultants **Cost Proposal**
 Quintanilla, Headley & Associates, Inc. \$27,003.56 (See detailed break-down of fee on page 3 of 3)

Total Project Fee (Supplemental #1) \$249,994.32

Total Project Fee (Work Authorization #1 & Supplemental #1): \$1,401,211.40

EXHIBIT 'D' BUDGET Limited Topographic Survey and Control
 Length: 3.04 Miles

TASK DESCRIPTION	3-Person Field Party	RPLS Manager	Survey Tech.	CADD Tech	Clerical	Total Labor Hrs. & Costs	CADD Workstation
CONTROL & TOPOGRAPHIC SURVEY							
Horizontal-Vertical Control (FNC 150)							
1 Recover and Verify Existing Control	30	6	12				
2 Set and GPS intermediate control on 1000' intervals	55	6	36				
3 Process and analyse data holding Texas State Plane Coordinates, South Zone NAD 83/93 datum and NAVD88.		6	36				
4 Provide 11"X 17" Horizontal-Vertical Control Sheets		6	36				
Topographic Survey (FNC 150)							
1 Locate and Identify visible utilities & drainage structures	197	6	24	36			
2 Provide Cross-sections on 500' intervals within the existing ROW	300	6	18	54			
3 Deliverables			3	6	8		
TOTAL LABOR HOURS	582	36	135	96	8		
LABOR RATE PER HOUR	\$ 181.67	\$ 174.40	\$79.74	\$79.74	\$72.67		\$
TOTAL LABOR COSTS (FNC 150)	\$105,731.94	\$6,278.40	\$10,791.10	\$7,655.04	\$581.36	\$	\$
DIRECT EXPENSES:							
Mileage						\$	
CADD Workstation						\$	
Reproduction & Delivery					\$10.49	\$	
SUBTOTAL DIRECT EXPENSES:					\$10.49	\$	
TOTAL COSTS (FNC 130 & FNC 150)	\$105,731.94	\$6,278.40	\$10,791.10	\$7,655.04	\$591.85	\$131,200.00	

EXHIBIT 'D' BUDGET Limited Topographic Survey and Control
 Length: 0.89 Miles

TASK DESCRIPTION	3-Person Field Party	RPLS Manager	Survey Tech.	CADD Tech	Clerical	Total Labor Hrs. & Costs	CADD Workstation
CONTROL & TOPOGRAPHIC SURVEY							
Horizontal-Vertical Control (FNC 150)							
1 Recover and Verify Existing Control	6	2	3				
2 Set and GPS intermediate control on 1000' intervals	11	2	7				
3 Process and analyse data holding Texas State Plane Coordinates, South Zone NAD 83/93 datum and NAVD88.		2	7				
4 Provide 11"X 17" Horizontal-Vertical Control Sheets		2	7				
Topographic Survey (FNC 150)							
1 Locate and Identify visible utilities & drainage structures	38	2	5	7			
2 Provide Cross-sections on 500' intervals within the existing ROW	58	2	4	10			
3 Deliverables			1	2	2		
TOTAL LABOR HOURS	113	12	34	19	2		
LABOR RATE PER HOUR	\$181.67	\$174.40	\$79.74	\$79.74	\$72.67		
TOTAL LABOR COSTS (FNC 150)	20,528.71	\$2,092.80	\$2,711.16	\$1,515.06	\$145.34		
DIRECT EXPENSES:							
Mileage							
CADD Workstation							
Reproduction & Delivery					\$28.88		
SUBTOTAL DIRECT EXPENSES:					\$10.49		
TOTAL COSTS (FNC 130 & FNC 150)	\$20,528.71	\$2,092.80	\$2,711.16	\$1,515.06	\$155.83	\$27,003.56	