

EXHIBIT "F"
Supplemental Agreement Form

THE STATE OF TEXAS §
 §
COUNTY OF HIDALGO §

**SUPPLEMENTAL AGREEMENT NO. 2
TO WORK AUTHORIZATION NO. 1
TO AGREEMENT FOR PROFESSIONAL SERVICES
C-16-199-07-19**

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 10 the day of December, 2013 concerning professional engineering services for the "**Roadway and Drainage Improvements associated with the BUS281/SH107 Intersection**" project, 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. 1 for the following reasons:

- 1) Reallocate Funds:
 - FC 12070 – Archeological and Historical Research (\$7,014.88)
- 2) Add Funds:
 - FC 12007 – Additional work associated with Archeological and Historical Research performed by L&G Engineering \$7,014.88

WHEREAS, it has become necessary to amend "*Exhibit D-1 – Estimated Man-Hour Breakdown*" of Work Authorization No. 1 to separate the costs associated with Engineering Services; and

WHEREAS, the Estimated Cost from the original Work Authorization No. 1 will not increase or decrease; therefore the amount of Supplemental No. 2 remains \$1,705,313.00

A. AGREEMENT

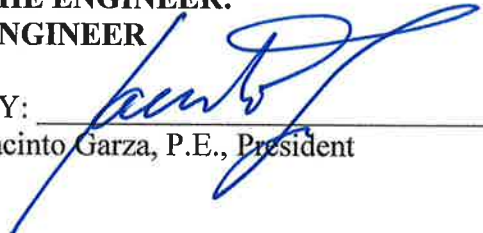
NOW THEREFORE, premises considered, the **Owner** and the **Engineer** agree that said **Agreement** is amended as follows:

1. Sections of the Agreement, EXHIBIT "B" – SERVICES TO BE PROVIDED BY THE ENGINEER and EXHIBIT "D-1" – PROJECT ESTIMATED FEE SCHEDULE, are revised to reflect the above listed modifications of this Supplement

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 _____, 2020.

**THE ENGINEER:
ENGINEER**

BY: 
Jacinto Garza, P.E., President

**THE OWNER:
HIDALGO COUNTY**

BY: _____
Richard F. Cortez, County Judge

LIST OF EXHIBITS:

LOCATION MAP

EXHIBIT A – "Services to be provided by County"

EXHIBIT B – "Services to be provided by Engineer"

EXHIBIT C – "Work Schedule" omitted

EXHIBIT D-1 – "Estimated Project Fee Schedule (w/man-hour breakdown)"

EXHIBIT D-1
ESTIMATED MAN-HOUR BREAKDOWN

BUS281 / SH 107 INTERSECTION IMPROVEMENTS PROJECT

	MANHOURS							TOTAL HOURS	Sub-Contract Amounts / ROW COST	TOTAL LINE ITEM COST
	Senior Project Manager	Senior Engineer	Senior Environmental Scientist /Specialist	Project Engineer	Senior Engineer Tech / Geotechnical Engineer	CADD Operator / GIS Analyst	Admin / Clerical			
CONTRACT RATE	\$ 198.10	\$ 164.14	\$ 138.67	\$ 121.69	\$ 90.56	\$ 62.26	\$ 56.60			
PHASE I - TRAFFIC IMPACT ANALYSIS, ROW INVESTIGATION & ROAD CLOSURE										
FC 110 - Route And Design Studies										
Category III Traffic Impact Analysis Study (See Sub-Consultant Fee Proposal on Exhibit D-1, page 2)	22	66		86		43	29.44	246.44	\$ 130,613.38	\$ 160,613.64
Develop Conceptual Traffic Control Plan of SH 107 Drainage Structures	69	127		196		219		611		\$ 72,000.86
Office Surveys for Schematic (Prelim Ownership ID & Prop Rights)	20	56		88		122.68		286.68		\$ 31,500.62
Design Schematic for Traffic Circulation and Outfalls	348	500		580	620	678.83		2726.83		\$ 320,000.16
Hydrologic Map	72	134		204		223.54		633.54		\$ 75,000.32
Preliminary Compensable Utility Identification on Schematic	61	116		170		179.71		526.71		\$ 63,000.38
Update Schematic based on comments as provided by TxDOT/FHWA	28	54		78		122.04		282.04		\$ 31,500.39
FC 120 - Social, Economic, & Environmental Studies And Public Involvement										
Phase I Environmental Study for Business 281 at Courthouse square			80			8	24	112		\$ 12,950.08
Administratively Complete Document			120			32	32	184		\$ 20,443.92
Public Involvement with Stakeholders and 1 Public Meeting	40	40	120	24	16	16	39.91	295.91		\$ 38,754.59
Engineering Technical Support at Public Meetings with Layouts, etc.	56	66		78	88	33.78	9	330.78		\$ 42,000.48
Biological Technical Report			120			32	32	184		\$ 20,443.92
Archeological and Historical Research (See Sub-Consultant Fee Proposal on Exhibit D-1, page 3)			58					58	\$ 17,537.20	\$ 25,580.06
Community Impact Analysis			120			16	24	160		\$ 18,994.96
Hazardous Materials Assessment & Report			120			16	24	160		\$ 18,994.96
Environmental Scoping Meeting & Preperation			120			16	24	160		\$ 18,994.96
Public Involvement with Stakeholders and 1 Public Hearing	40	40	120	24	24	8	40	296		\$ 38,986.08
Engineering Technical Support at Public Hearings with Layouts, etc.	30	42		56	62	15.81		205.81		\$ 26,250.57
FC 130 - Right Of Way Data & FC 150 - Field Surveying										
Field Survey for Design & Exist ROW Mapping (See Sub-Consultant Fee Proposal on Ex D-1, page 4)	20	100		180		131.69		431.69	\$ 167,521.00	\$ 218,000.22
Sub-Surface Utility Eng for Rdwys Surrounding Courthouse (See Sub-Consultant Fee on Ex D-1, page 4)	10	50		88		65.91		213.91	\$ 75,000.00	\$ 100,000.28
FC 600 - Acquisition Provider Services For 1- Parcel: Bus. 281 @ Courthouse Square										
ROW Acq Process For Business 281 @ Courthouse Square Closure	225	423					149.86	797.86		\$ 122,485.80
Disposition of ROW No Longer Needed For Highway Purposes	188	298					130	616		\$ 93,514.52
Compensable Utility Coordination for Business 281 @ Courthouse Square	110	227		327		161.08	80	905.08		\$ 113,400.25
SUB-TOTAL	1339	2339	978	2179	810	2141.07	638.21	10424.28	\$ 390,671.58	\$ 1,683,412.01

Sub-Total Manhours Fee with Subconsultant Fee: **\$1,683,412.01**

*** TOTAL PROJECT FEE: \$1,683,412.00**

EXHIBIT D-1

ESTIMATED MAN-HOUR BREAKDOWN

BUS281 / SH 107 INTERSECTION IMPROVEMENTS PROJECT

	MANHOURS									
	Senior Project Manager	Senior Engineer	Senior Environmental Scientist /Specialist	Project Engineer	Senior Engineer Tech / Geotechnical Engineer	CADD Operator / GIS Analyst	Admin / Clerical	TOTAL HOURS	Sub-Contract Amounts / ROW COST	TOTAL LINE ITEM COST
CONTRACT RATE	\$ 198.10	\$ 164.14	\$ 138.67	\$ 121.69	\$ 90.56	\$ 62.26	\$ 56.60			
SUPPLEMENTAL No. 1 TO WORK AUTHORIZATION No. 1										
PHASE I - TRAFFIC IMPACT ANALYSIS, ROW INVESTIGATION & ROAD CLOSURE										
FC 110 - Route And Design Studies										
Coordination and Management of Subconsultant for Traffic Impact Analysis Study	2	6		10		8	4	30		\$ 3,322.42
Category III Traffic Impact Analysis Study (see Sub-Consultant Fee Proposal on Exhibit D-1, Page 2)								0	\$ 18,578.66	\$ 18,578.66
SUB-TOTAL	2	6	0	10	0	8	4	30	\$ 18,578.66	\$ 21,901.08

Sub-Total Manhours Fee with Subconsultant Fee: **\$21,901.08**

*** TOTAL PROJECT FEE: \$1,705,313.00**

	Senior Project Manager	Senior Engineer	Senior Environmental Scientist /Specialist	Project Engineer	Senior Engineer Tech / Geotechnical Engineer	CADD Operator / GIS Analyst	Admin / Clerical	TOTAL HOURS	Sub-Contract Amounts / ROW COST	TOTAL LINE ITEM COST
CONTRACT RATE	\$ 198.10	\$ 164.14	\$ 138.67	\$ 121.69	\$ 90.56	\$ 62.26	\$ 56.60			
SUPPLEMENTAL No. 2 TO WORK AUTHORIZATION No. 1										
PHASE I - TRAFFIC IMPACT ANALYSIS, ROW INVESTIGATION & ROAD CLOSURE										
FC 120 - Social, Economic, & Environmental Studies And Public Involvement										
Archeological and Historical Research			46				11.2378	57.2378		\$ 7,014.88
Archeological and Historical Research / SUB-CONSULTANT								0	\$ (7,014.88)	\$ (7,014.88)
SUB-TOTAL	0	0	46	0	0	0	11.2378	57.2378	\$ (7,014.88)	\$ (0.00)

Sub-Total Manhours Fee with Subconsultant Fee: **\$0.00**

*** TOTAL PROJECT FEE: \$0.00**

* Rounded Figure



August 19, 2020

The Honorable Eddie Cantu
Commissioner, Hidalgo County Pct. No. 2
Attn: Armando Garza, Chief Administrator
300 W. Hall Acres, Ste. G
Pharr, Texas 78577

**RE: BUS281 / SH 107 Roadway and Drainage Improvements Project
Supplemental Agreement (SA) #2 to Work Authorization (WA) #1
Contract No.: C-16-199-07-19**

Dear Commissioner Cantu:

L&G respectfully requests your consideration and approval of Supplemental Agreement (SA) No. 2 to Work Authorization (WA) No. 1 for the BUS281 / SH 107 Roadway and Drainage Improvements Project.

It has become necessary to update "Exhibit D-1" - Estimated Man-Hour Breakdown of the previously approved WA to reallocate the funds to address the Archeological and Historical Research work performed by L&G Engineering. The total cost of the original WA does not increase or decrease; therefore, the amount remains the same.

The amended items are as follows:

1) Reallocate Funds:

- FC 12070 - Archeological and Historical Research (\$7,014.88)

2) Add Funds:

- FC 12007 – Additional work associated with Archeological and Historical Research performed by L&G Engineering \$7,014.88

Attached find the following:

- 1) Two signed originals of SA No. 2 to WA No. 1
 - Exhibit D-1 "Estimated Man-hour Breakdown"

Should you have any questions, please feel free to call me at (956) 565-9813.

Sincerely,
L&G ENGINEERING

Reza Badiozzamani, P.E.
Project Manager

Attachments