

EXHIBIT “F”
Supplemental Agreement Form

THE STATE OF TEXAS §
 §
COUNTY OF HIDALGO §

SUPPLEMENTAL AGREEMENT NO. 2
TO AGREEMENT FOR PROFESSIONAL SERVICES
C-15-161-11-17

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 Main Contract Agreement on the 15th day of November, 2015 concerning professional engineering services required for the Veterans Boulevard (SH 495) project from Abram Road East to La Homa Road for Hidalgo County Precinct No. 3 hereinafter referred to as the project; and,

WHEREAS, Article 3 of the Agreement, Period of Service, Termination Date, establishes the termination date of this agreement: and,

WHEREAS, it has become necessary to amend the Agreement in order to extend the termination date and allow time to complete all tasks as outlined in Exhibit “C” – Work Schedule.

A. AGREEMENT

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

1. Article 3 of the agreement, Section 3.1 Termination Date, is revised to extend the termination date of October 13, 2020 to October 13, 2022 for a total of an additional two (2) years in order to complete the scope of services for this project.

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 No. 2 to be effective as of the 8th day of September, 2020.

**THE ENGINEER:
ENGINEER**

BY: 
Jacinto Garza, P.E., President

**THE OWNER:
HIDALGO COUNTY**

BY: _____
Richard F. Cortez, County Judge

"EXHIBIT D"
PROJECT COST ESTIMATE
VETERANS BOULEVARD PROJECT (SH 495 EXTENSION)

ROADWAY PROJECT:	VETERANS BOULEVARD (SH 495 Extension)									
LIMITS:	from IH-2/US83 East to SH 364 (La Homa Rd)									
EXISTING ROADWAY SECTION:	40-ft Rural			Reallocate Funding	Reallocate Funding	Add Relocation	Add Demolition if			
EXISTING ROW WIDTH:	70' to 85' Varies			No Money	No Money	and Asbestos	Asbestos Testing			
PROPOSED ROADWAY SECTION:	4-lane divided urban with shoulders			Change	Change	Testing to Contract	is Positive			
PROPOSED ROW WIDTH:	100-FT									
ESTIMATED CONSTRUCTION COST ... (ROADWAY ONLY)	\$11,360,000.00									
LENGTH FOR 4-LANE ROADWAY ... (SECTION II)	2.5 Miles									
ESTIMATED PROJECT COSTS	ESTIMATED % LOCAL COST	TOTAL ESTIMATED PROJECT COST	ESTIMATED LOCAL COST	Suppl No.1 Authorization No. 3	Work Suppl No.2 Work Authorization No. 3	Suppl No.3 Work Authorization No. 3	Suppl No.4 Work Authorization No. 4	HCMPO FUNDING	FISCAL YEAR	
WORK AUTHORIZATION NO. 1										
PHASE I - EA, PUBLIC INVOLVEMENT & SCHEMATIC DESIGN										
Environmental Document with TxDOT (18 months)	100%	\$ 149,850.00	\$ 149,850.00							
Public Involvement for the project with stakeholders and 1 Public Meeting (3 Months)	100%	\$ 41,625.00	\$ 41,625.00							
Archeological and Historical Research	100%	\$ 65,000.00	\$ 65,000.00							
Engineering Technical Support at Public Mtgs with Layouts etc	100%	\$ 31,500.00	\$ 31,500.00							
Schematic for Roadway	100%	\$ 149,040.00	\$ 149,040.00							
Hydrological Map for Outfall Drain Ditch	100%	\$ 66,000.00	\$ 66,000.00							
Schematics for Outfall Ditches	100%	\$ 99,000.00	\$ 99,000.00							
Schematic Design for Siphon with Steel Pipe Bypass for Irrig Dist.	100%	\$ 33,000.00	\$ 33,000.00							
Estimated Environmental Document Review Charges by TxDOT	100%	\$ 80,000.00	\$ 80,000.00							
Office Surveys for Schematic (Prel. Ownership Identification and Property Rights)	100%	\$ 42,000.00	\$ 42,000.00							
Preliminary Compensable Utilities Identification on Schematic	100%	\$ 54,000.00	\$ 54,000.00							
Update Schematic based on comments as provide by TxDOT/FHWA	100%	\$ 48,000.00	\$ 48,000.00							
Engineering Technical Support at Public Hearing with Layouts etc	100%	\$ 22,500.00	\$ 22,500.00							
Public Involvement for 1 Public Hearing	100%	\$ 41,625.00	\$ 41,625.00							
SUB-TOTAL		\$ 923,140.00	\$ 923,140.00	\$ 923,140.00	\$ 923,140.00	\$ 923,140.00	\$ 923,140.00			
WORK AUTHORIZATION NO. 2 - PRELIMINARY ESTIMATE										
PHASE II - PS&E, Surveys, ROW Map, Utilities										
Field Surveys for Design and Construction	100%	\$ 110,400.00	\$ 110,400.00							
Complete ROW Map (Estimated 75 Parcels)	100%	\$ 292,500.00	\$ 292,500.00							
PS&E Development Rdwy (7% Eng. Fee - Original)	100%	\$ 724,500.00	\$ 724,500.00							
Subsurface Utility Engineering (SUE) (Estimated 20 non destructive holes per mile)	100%	\$ 27,600.00	\$ 27,600.00							
Engineering Fee to Create 1 set of Plans and Submit through TxDOT	100%	\$ 66,000.00	\$ 66,000.00							
Permitted Utilities Coordination to adjust	100%	\$ 100,800.00	\$ 100,800.00							
ROADWAY CONSTRUCTION COST (100% STATE/FED)	0%	\$ 11,360,000.00	\$ -					\$ 11,360,000.00	2022	
TxDOT Construction Inspection (11%) (100% STATE/FED)	0%	\$ 1,249,600.00	\$ -							TxDOT Funds
SUB-TOTAL		\$ 13,931,400.00	\$ 1,321,800.00	\$ 1,321,800.00	\$ 1,321,800.00	\$ 1,321,800.00	\$ 1,321,800.00			
WORK AUTHORIZATION NO. 3 - PRELIMINARY ESTIMATE										
PHASE III - ROW Acquisition, Comp. Utility Mngmt, Constr. Mngmt										
Preliminary Engineering Direct State Costs for State Review & Oversight (Est. 1.2% of Constr.)	100%	\$ 136,320.00	\$ 136,320.00	\$ 136,320.00	\$ 136,320.00	\$ 136,320.00	\$ 136,320.00			
Complete ROW Map for additional 10 parcels	100%	\$ 39,000.00	\$ 39,000.00	\$ 39,000.00	\$ 39,000.00	\$ 39,000.00	\$ 39,000.00			
Additional 3 Signal Designs, Flashing Beacons and 5 Signal Warrants	100%	\$ 122,000.00	\$ 155,000.00	\$ 33,000.00	\$ 33,000.00	\$ 33,000.00	\$ 33,000.00			
Right-of-Way Costs - Acq. Services @ (est. 75 Parcels increased to 85 @ \$13,800/Parcel Avg.)	100%	\$ 1,173,000.00	\$ 1,173,000.00	\$ 1,173,000.00	\$ 1,173,000.00	\$ 1,173,000.00	\$ 1,173,000.00			
Estimated County Attorney Costs for Condemnation (\$15,000/Parcel based on 20% total of parcels)	100%	\$ 133,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00			
Right-of-Way State Division Review and Oversight (2% of ROW Items)	100%	\$ 53,987.20	\$ 53,987.20	\$ 53,987.20	\$ 53,987.20	\$ 53,987.20	\$ 53,987.20			
Right-of-Way Costs - High Pressure Gasline Adjustment (80/20)	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Right-of-Way Acquisition for the Outfall	100%	BY HCDD#1	BY HCDD#1	BY HCDD#1	BY HCDD#1	BY HCDD#1	BY HCDD#1			
Estimated Compensable Utility Mgmt for Acq. of Property Rights and Compensate for Utility Adjust(s)	100%	\$ 162,000.00	\$ 162,000.00	\$ 162,000.00	\$ 162,000.00	\$ 162,000.00	\$ 162,000.00			
Estimated Roadway Right-of-Way Costs (Original Est. 2.8 Ac.) (80/20)(Revised Est. 8.69 Ac.)	20%	\$ 2,399,360.00	\$ 479,872.00	\$ 479,872.00	\$ 479,872.00	\$ 479,872.00	\$ 479,872.00	\$ 2,699,360.00	2019	
Estimated Compensable Utilities (Water, Sewer, Telephone, Electricity, etc.) (80/20)	20%	\$ 300,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00			
Eng Consultant Construction Management (18 Months)	100%	\$ 189,000.00	\$ 189,000.00	\$ 189,000.00	\$ 189,000.00	\$ 189,000.00	\$ 189,000.00			
Roadway Design	100%			\$ 122,000.00	\$ 122,000.00	\$ 122,000.00	\$ 122,000.00			
Project Management	100%			\$ 98,988.30	\$ 98,988.30	\$ 98,988.30	\$ 98,988.30			
Coordination of Storm Drain System & Utilities w/ Aqua Sud	100%			\$ 45,005.85	\$ 45,005.85	\$ 45,005.85	\$ 45,005.85			
Additional ROW Acquisition Costs	100%									
Estimated Asbestos & Lead Paint Testing @ 1 structure	100%					\$ 7,000.00	\$ 7,000.00			
Estimated Asbestos & Lead Paint Abatement & Removal @ 1 structure (if needed)	100%					\$ 15,000.00	\$ 15,000.00			
Estimated Demolition Costs @ 1 structure	100%					\$ 28,000.00	\$ 28,000.00			
ROW Relocation Costs of the Estimated @ 1 structure	100%					\$ 200,000.00	\$ 200,000.00			
SUB-TOTAL		\$ 4,707,667.20	\$ 2,548,179.20	\$ 2,548,179.20	\$ 2,548,179.20	\$ 2,548,179.20	\$ 2,798,179.20			
ESTIMATED TOTAL		\$ 19,562,207.20	\$ 4,793,119.20	\$ 4,793,119.20	\$ 4,793,119.20	\$ 4,793,119.20	\$ 5,043,119.20	\$ 14,059,360.00		

Work Authorization No. 1 (Phase I)	FY 15	\$ 843,140.00	ISSUED
LPA Costs not included in Work Authorizations(s)		\$ 80,000.00	
Work Authorization No. 2 (Phase II)	FY 16	\$ 1,321,800.00	ISSUED
Work Authorization No. 3 (Phase III)	FY 18	\$ 1,718,000.00	ISSUED
LPA Costs not included in Work Authorizations(s)		\$ 830,179.20	
Supplemental No. 1		\$ -	ISSUED
Supplemental No. 2		\$ -	ISSUED
Supplemental No. 3		\$ 250,000.00	ISSUED
TOTAL ESTIMATED CITY/COUNTY COST (50/50):		\$ 5,043,119.20	
COMBINED TOTAL ESTIMATED PROJECT COST:		\$ 19,562,207.20	
ESTIMATED LPA (LOCAL PUBLIC AGENCY) COSTS NOT INCLUDED IN WORK AUTH.:		\$ 910,179.20	
RELOCATION COSTS:		\$ 250,000.00	
Estimated City and County Percentage (%) Participation for Project:		25.8%	

LAST REVISED BY: