

IN WITNESS WHEREOF, the Engineer and the Owner have caused this Supplemental Agreement to the Agreement for Professional Services to be executed and effective as of the date indicated below.

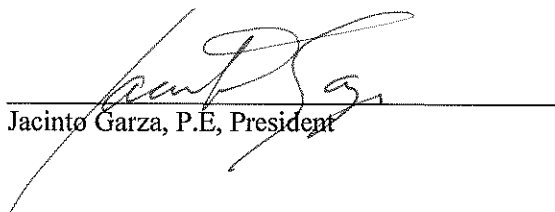
APPROVED BY COMMISSIONERS' COURT ON August 9 , 2022.

Agenda Item No. 86872

Executive Office: _____

ENGINEER:
L&G ENGINEERING

COUNTY:
COUNTY OF HIDALGO



Jacinto Garza, P.E, President

Hon. Richard F. Cortez, County Judge

ATTEST:

Arturo Guajardo, Jr., County Clerk

ATTACHMENTS:

EXHIBIT A- Scope of Services to be provided by the Owner
EXHIBIT C- Work Schedule
EXHIBIT D-1 – Fee Schedule and Estimated Man-hour Breakdown

SUPPLEMENTAL SIGNATURES:

EXHIBIT "A"
SERVICES TO BE PROVIDED BY THE OWNER

1. The COUNTY will issue work authorization to initiate all required services and designate the authorized representative of the coordination of each work authorization.
2. The COUNTY will provide the ENGINEER with on-going guidance, timely reviews, and decisions necessary to complete services required by the work authorization in order to permit the ENGINEER to maintain an agreed upon project schedule.
3. The COUNTY will process all acceptable requests for payment in a timely manner.

EXHIBIT "C" PROJECT DEVELOPMENT SCHEDULE

CSJ: 1803-02-035
FM 1925 (Monte Cristo Rd)
From FM 907 to Sharp Rd
Length = 1.6 miles

TASK AND DESCRIPTION	FIRM	2018	2019	2020												2021												2022											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Advanced Funding Agreement																																							
TxDOT Submit AFA to Hidalgo County	COMPL																																						
Hidalgo County Execute Through Comm. Court	COMPL																																						
TxDOT Executes AFA (Dec 31, 2014)	COMPL																																						
Work Authorization No. 1																																							
Phase I: Schematic & Environmental																																							
Schematic Development & Environmental Clearance																																							
Schematic Approval	L&G																																						
Revised Schematic Approval (Removing Sharp Road)	L&G																																						
Environmental Clearance	L&G																																						
Work Authorization No. 3																																							
Phase II: PS&E & ROW Map																																							
PS&E																																							
Design Survey	L&G																																						
Compensable Utility Oversight	L&G																																						
Outfall Coordination with HCDD #1	L&G																																						
30% PS&E Completion	L&G																																						
60% PS&E Completion	L&G																																						
90% PS&E Completion	L&G																																						
95% PS&E Completion	L&G																																						
100% PS&E Completion	L&G																																						
TxDOT Plan Set Approval	TxDOT																																						
ROW Map																																							
Prepare ROW Map	L&G																																						
TxDOT Review & Revisions	TxDOT																																						
TxDOT ROW Map Approval	TxDOT																																						
Work Authorization No. 5																																							
Phase III: ROW Acquisition																																							
ROW Acquisition (13 Parcels)																																							
ROW Release (Dependent on Availability of Funds)	TxDOT																																						
Project Administration	TxDOT																																						
Title Commitments	TxDOT																																						
Appraisal Reports	TxDOT																																						
Appraisal Review Reports	TxDOT																																						
Appraisal Update Reports	TxDOT																																						
Approved Values by TxDOT	TxDOT																																						
Acquisition Negotiation Offers	TxDOT																																						
Title Curative Process	TxDOT																																						
Title Commitment Updates	TxDOT																																						
Payments for Parcels	TxDOT																																						
Eminent Domain Proceedings	TxDOT																																						
Title Insurance Policies	TxDOT																																						
Consumation of Outstanding Cases	TxDOT																																						
Phase III: Proposed Letting																																							
Let Project (Est. Earliest Date: FY 2023)	TxDOT																																						
(Dependent on Availability of Funds)																																							

Updated by Jordan Sinclair, P.E. (07/26/2021)

■ L&G ENGINEERING TASK
■ TxDOT TASK
■ COUNTY TASK

Estimated 18 Months Constru

EXHIBIT D-1
REVISED ESTIMATED MAN-HOUR BREAKDOWN

FM 1925 Project
 from FM 907 (Alamo Road) East to Sharp Road

	MANHOURS											Sub-Contract Amounts / ROW COST	TOTAL LINE ITEM COST
	Senior Project Manager	Senior Engineer	Project Engineer	Design Engineer	ROW Administrator	EIT	Senior Engineer Tech	Engineer Tech	CADD Operator / GIS Analyst	Admin / Clerical	TOTAL HOURS		
CONTRACT RATE	215.40	167.89	123.54	114.04	107.70	82.36	79.19	76.02	66.52	57.02			
WORK AUTHORIZATION NO. 3													
PHASE II - PS&E, ROW Mapping & Surveying													
1 Coordination and Management of Subconsultant for ROW Map	4	11	11	5	2.00	1.790					35		\$ 5,000.28
1a <i>SUB: ROW Mapping (See fee breakdown on Page 2 of 3)</i>													\$ 35,000.00 \$ -
2 Outfall Hydraulics (Ditch Capacities, etc...)	20	80	116	136		77.96					429.96		\$ 54,000.00
3 Pavement Design for TxDOT	20	60	90	132		141	180			18.94	642		\$ 67,500.00
4 Traffic Signal Warrant Design Support ~ Coordination and Management of Subconsultant for Traffic Signal Warrant Design	6	10	20	20		20	10	8	9.93		104		\$ 11,430.66
4a <i>SUB: Signal Design, Adjustments, & Warrants (See fee breakdown on Page 3 of 3)</i>													\$ 7,569.57 \$ -
5 Traffic Signal Design and one Signal Design During Construction	30	60	92	60		50	61	70	72	3.46	498		\$ 54,000.16
6 PS&E Development	160	320	480	960		1123	1360	1460	1582	60	7505		\$ 676,800.00
7 Engineering Fee to Submit Plans Through Letting (Pharr District and Austin Divisions)	52	92	220	235		280	381			20.05	1280		\$ 135,000.00
8 PS&E Development For Outfalls	40	80	130	200		240	320	363	401	29.95	1803.95		\$ 162,000.00
9 Coordination and Management of Subconsultant for Field Surveys	28	57	90	60		48	60	68	67.1				\$ 51,899.33
9a <i>SUB: Field Surveys for Design and Construction (See fee breakdown on Page 2 of 3)</i>													\$ 64,101.00
10 Permitted Utilities Coordination to adjust	32	88	254	299		241	240.02				1154		\$ 126,000.00
11 Engineering Consultant Construction Management (18 Months)	64	120	320	299.98		299					1103		\$ 132,300.00
SUB-TOTAL	456	978	1823	2406.98	2	2521.75	2612.02	1969	2132.03	132.40	14555	\$ 106,670.57	\$ 1,475,930.44

Sub-Total Manhours Fee with Subconsultant Fee: \$ 1,582,601.01

*** TOTAL PROJECT FEE: \$1,582,600.00**

* Rounded Figure

	MANHOURS											Sub-Contract Amounts / ROW COST	TOTAL LINE ITEM COST
	Senior Project Manager	Senior Engineer	Project Engineer	Design Engineer	ROW Administrator	EIT	Senior Engineer Tech	Engineer Tech	CADD Operator / GIS Analyst	Admin / Clerical	TOTAL HOURS		
CONTRACT RATE	215.40	167.89	123.54	114.04	107.70	82.36	79.19	76.02	66.52	57.02			
Supplemental #1 to WORK AUTHORIZATION NO. 3 - Reallocate Fundes to afford ROW Mapping and Signal Design													
PHASE II - Signal Design													
1 Coordination and Management of Subconsultant for ROW Map	3	8	8	5	2	1.6614					28		\$ 3,900.00
1a <i>SUB: ROW Mapping</i>													\$ 10,500.00 \$ 10,500.00
2 Traffic Signal Design Support ~ Coordination and Management of Subconsultant for Traffic Signal Design	6	12	18	12		2	2	4		10	66		\$ 8,096.59
2a <i>SUB: Signal Design</i>													\$ 24,994.42 \$ 24,994.42
3 <i>Project Management</i>	4	9	9	7						4	33		\$ 4,510.83
4 Traffic Signal Warrant Design Support ~ Coordination and Management of Subconsultant for Traffic Signal Warrant Design	-3	-5	-10	-10		-10	-5	-4	-4.963		-52		\$ (5,715.21)
4a <i>SUB: Signal Design, Adjustments, & Warrants</i>													\$ (7,569.57) \$ (7,569.57)
SUB-TOTAL	10	24	25	14	2	-6	-3	0	-5	14	75	\$ 27,924.85	\$ 38,717.07

Sub-Total Manhours Fee with Subconsultant Fee: \$ 38,717.06

EXHIBIT D-1
REVISED ESTIMATED MAN-HOUR BREAKDOWN

FM 1925 Project
 from FM 907 (Alamo Road) East to Sharp Road

	MANHOURS											Sub-Contract Amounts / ROW COST	TOTAL LINE ITEM COST
	Senior Project Manager	Senior Engineer	Project Engineer	Design Engineer	ROW Administrator	EIT	Senior Engineer Tech	Engineer Tech	CADD Operator / GIS Analyst	Admin / Clerical	TOTAL HOURS		
CONTRACT RATE	215.40	167.89	123.54	114.04	107.70	82.36	79.19	76.02	66.52	57.02			
Supplemental #2 to WORK AUTHORIZATION NO. 3 - Reallocate Fundes from Construction Management to Project Management													
PHASE II - Signal Design													
1 Engineering Consultant Construction Management (18 Months)	-64	-120	-320	-299.98		-299					-1103		\$ (132,300.00)
2 Project Management	64	120	320	300		299					1103		\$ 132,300.00
SUB-TOTAL	64	120	320	300	0	299	0	0	0	0	1103	\$ -	\$ -

Sub-Total Manhours Fee with Subconsultant Fee:	\$ -
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TOTAL PROJECT FEE:	\$1,621,317.06
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