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June 11, 2020

Mr. Clarence T. Daugherty, P.E.
County Engineer
Collin County
4690 Community Ave., Suite 200
McKinney, TX 75071

RE: Frontier Parkway Engineering Services Agreement
Collin County Contract No. 2016-229
Collin County Purchase Order No. 199212
Amendment No. 8 (Revised 06.11.2020)

Dear Mr. Daugherty:

As you requested, we are pleased to submit Amendment No. 8 to our Engineering Services Agreement with Collin County dated Sept. 27, 2016 (Collin County Purchase Order No. 199212) for the design of Frontier Parkway, from the Dallas North Tollway (DNT) to S.H. 289 (Collin County Contract No. 2016-229).

This Amendment No. 8 makes the following changes to the scope and fee in the original agreement.

New Scope Item:

Part I.F. Traffic Signal Devices Relocation at S.H. 289 and Dallas North Tollway (DNT)

Design modifications and relocation of the existing traffic signal devices installed by:

- a) TxDOT at the northwest corner of State Highway 289 (Preston Road) and Frontier Parkway
- b) Collin County at the southeast and northeast corner of the DNT northbound service road and Frontier Parkway.

The existing traffic signal devices are necessitated by the widening of Frontier Parkway. The preparation of the construction plan and specifications will be performed by our sub-consultant, Lee Engineering, 3030 LBJ Freeway, Suite 1660, Dallas, TX 75234.

Existing Scope Increase (Decrease) Items

Part II – Bidding Phase

Increased scope to include bidding phase effort for Traffic Signal Relocations at S.H. 289 and the DNT. Bidding phase services for the additional effort will be performed by our above-named sub-consultant, Lee Engineering.

Part III– Construction Administration Phase

Increased scope to include bidding phase effort for Traffic Signal Relocations at S.H. 289 and the DNT. Construction Phase services for the additional effort will be performed by our above-named sub-consultant, Lee Engineering.

Item B.2: Preparation of Plat and Field Notes.

At the direction of Collin County, preparation of additional plat and field note descriptions for CoServ and Grayson Collin Electric Cooperative electric easements across the BG-Gbt tract.

Item B.3: Geotechnical Investigation and Report:

Amendment No. 7 reduced the not to exceed contract amount of this scope item by \$11,456 for an amount not to exceed \$70,743.00. Following that amendment, the Geotech sub-consultant submitted an additional invoices in the amount of \$612 and \$3,970. We believe these are the last invoices for this project element. This amendment resolves the not to exceed amount for this scope of work.

Item B.6: 404 Permit Application (Reduction in scope)

The work effort to secure the U.S. Army Corps of Engineers permits for the project fell below the original contracted amount. This amendment reduces the not to exceed amount for this scope item by \$9,000.00 and leaves \$1,055.74 for any future incidental effort required.

Item B.7: Permits.

- i) On-going additional scope of services to coordinate with and attend utility coordination meetings with the City of Celina and Town of Prosper. Effort is not yet complete.
- ii) On-going additional scope of services to coordinate the BNSF RR Permit. Effort is not yet complete.

This amendment increases this scope item not to exceed amount by \$17,000.00 to cover the on-going and continued efforts.

Item B.8: Asbestos Investigations (Reduction in Scope):

The original scope of work included four (4) buildings for asbestos investigations. Only one (1) building remains that is to be demolished with this project. This amendment reduces the maximum not to exceed amount by \$3,785.00

Item B.13a: Doe Branch Tributary C Hydraulic Evaluation (Reduction in Scope):

This task item is complete and required less effort than expected. This amendment reduces the maximum not to exceed amount for this task item by \$1,141.00

Item B.15: Level A Sub-Surface Utility Locates (Reduction in Scope):

This task item is complete and required less effort than expected. This amendment reduces the maximum not to exceed amount for this task item by \$400.

PROJECT SCHEDULE

This Amendment No. 8 has no effect on the current project schedule.

CHANGE IN FEE

The fee schedule is hereby modified by the amounts shown under the column heading “Amendment No. 8” on the “Exhibit C – Fee Schedule” below:

**Exhibit “C”
 Engineering Service Fee Schedule – Amendment No. 8**

Engineering Service Agreement Phase			Contract Amounts (\$)		
			Contract Amount Through Amendment No. 7	Amendment No. 8	Revised Contract Amount, this Amendment
A. Basic Services Parts I-III (Lump Sum)	Part I. A.	Schematic Design	\$165,000		\$165,000
	Part I.B.	Final Design	\$1,279,340		\$1,279,340
	Part I.C.	Full Bridge Width Design with Alternate Bid for 4-lane Bridge	\$120,700		\$120,700
	Part I.D.	PISD Detention Pond Design	\$25,992		\$25,992
	Part I.E.	Prairie Crossing Road Design Phase	\$97,360		\$97,360
	Part I.E.a.	Prairie Crossing Road Bid Phase	\$0		\$0
	Part I.E.b.	Prairie Crossing Road Construction Phase	\$0		\$0
	Part I.F.	Traffic Signal Design at DNT and Preston Road		\$30,000	\$30,000
	Part II	Bidding Phase	\$21,250	\$1,000	\$22,250
	Part III.	Construction Administration	\$206,750	\$8,000	\$214,750
		Subtotal - Basic Services (Part A.)		\$1,916,392	\$39,000
B. Additional Services (Hourly)	1	Field Surveys (Design, Property and Construction Support):	\$60,840		\$60,840
	2	R-O-W Map, Plats and Field Notes Descriptions (16 each):	\$67,400	\$9,779	\$77,179
	3	Geotechnical Investigation and Report:	\$70,743	\$4,583	\$75,326
	4	Flood Study:	\$28,120		\$28,120
	5	NCTCOG Environmental Form:	\$27,700		\$27,700
	6	404 Permit Application (Nationwide Permit 14):	\$47,751	(\$9,000)	\$38,751
	7	Permits (TxDOT, BNSF) and Utility Relocation Coordination:	\$20,500	\$17,000	\$37,500
	8	Asbestos Evaluation (4 Buildings):	\$6,000	(\$3,785)	\$2,215
	9	Project Stakeholder Design Meetings	\$48,600		\$48,600
	10	Attend Twenty(20) Additional Progress Meetings:	\$21,000		\$21,000
	11	Additional Printing of Construction Plans and Specifications:	\$4,000		\$4,000
	12	Revised Schematic Layouts, Drainage Evaluations, Cost Estimates and Coordination Meetings	\$20,000		\$20,000
	13a.	Doe Branch Tributary C Hydraulic Evaluations and Report	\$32,000	(\$1,141)	\$30,859
	13b.	Revised Flood Study for Detention Pond Design	\$8,636		\$8,636
	14	PISD Detention Pond Replat	\$15,000		\$15,000
15	Level A Sub-Surface Utility Locates	\$4,500	(\$400)	\$4,100	
	Subtotal Additional Services (Part B):		\$482,790	\$17,036	\$499,826
C. Optional Services (Hourly)	1	Traffic Signal Warrant Study	\$0		\$0
	2	Street Lighting Design	\$16,000		\$16,000
	3	Full Irrigation Design Plans and Specifications	\$0		\$0
	3a	Irrigation and Lighting Conduit Sleeves Only	\$5,000		\$5,000
	4	Sidewalks and Barrier Free Ramps (TDLR \$2,085 fee Included)	\$23,500		\$23,500
	5	On-site Observation of Construction Activity	TBD		TBD
	Subtotal Optional Services (Part C)		\$44,500	\$0	\$44,500
Engineering Services Agreement Grand Total:			\$2,443,682	\$56,036.00	\$2,499,718

If this Amendment No. 8 to our original agreement dated September 27, 2016 meets with your approval, please have one set executed for Collin County and returned to our office. We look forward to our continued work on this project with you and your staff.

Sincerely,

Gary C. Hendricks, P.E., R.P.L.S.

APPROVED BY COLLIN COUNTY, TEXAS

By:

Date: