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November 8, 2019

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. 7

Dear Mr. Daugherty:

As you requested, we are pleased to submit Amendment No. 7 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. 7 makes the following changes to the scope and fee in the original agreement.

Existing Scope Increase Items

- Item I.B(1):** Design revisions to the BNSF Bridge Abutment, Embankment and Retaining Wall and affected underground storm drainage system and hydraulics. This design change is made at the request of Collin County to eliminate the need for additional land rights from the Effie Christie Tract.
- Item I.B(2):** Design revisions to the median openings, left turn lanes and affected underground storm drainage system and hydraulics at the request of the Town of Prosper.
- Item I.B(3):** The City of Celina, through its cooperative effort with the Light Farms on-going development, has agreed to allow the Light Farms developer to modify the currently designed and configured Temporary By-Pass Road and the permanent section of Road A. This revision affects the Temporary By-Pass Road from the Road A connection to the BNSF RR temporary at-grade crossing. Item I.B(3) covers the additional scope for coordination efforts with the developer's engineer and changes to the Frontier Parkway plans required to accommodate the developer's changes.
- Item B.4:** Flood Study. At the direction of Collin County, additional flood study efforts were required to coordinate with the Town of Prosper's engineer designing Victory Way.
- Item B.7:** Permits. Additional scope of services to coordinate with and attend on-going utility coordination meetings with the City of Celina and Town of Prosper.

Item B.9: Project Stakeholder’s Design Meeting. Due to circumstances beyond control of Birkhoff, Hendricks & Carter, LLP, the design phase schedule for this project has been extended. The extension of time requires additional stakeholder’s meetings. This Amendment No. 7 adds five (5) additional stakeholder’s meeting to the original scope of effort on this task.

Scope Credit Items

Several items in the project scope and fee are either under budget or their scope has been reduced or eliminated. The following items represent credits to the contract amount:

- Item B.3:** Geotechnical Investigation and Report: Effort reduced
- Item B.13b:** Revised Flood Study for Detention Pond Design: Effort reduced.
- Item C.1:** Traffic Signal Warrant Study: Scope Eliminated
- Item C.2:** Street Lighting Design: Scope reduced to lighting on the BNSF overpass only
- Item C.3:** Full Irrigation Design: Scope Eliminated.

PROJECT SCHEDULE

This Amendment No. 7 has no affect on the current project schedule.

CHANGE IN FEE

The fee schedule is hereby modified by the amounts shown under the column heading “Amendment No. 7” on the “**Exhibit C – Fee Schedule**” that follows.

**Exhibit “C”
 Engineering Service Fee Schedule – Amendment No. 7**

Engineering Service Agreement Phase			Contract Amounts (\$)		
			Contract Amount Through Amendment No. 6	Amendment No. 7	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	\$1,210,340	\$69,000	\$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 II	Bidding Phase	\$21,250		\$21,250
	Part III.	Construction Administration	\$206,750		\$206,750
		Subtotal - Basic Services (Part A.)		\$1,847,392	\$69,000
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		\$67,400
	3	Geotechnical Investigation and Report:	\$82,199	(\$11,456)	\$70,743
	4	Flood Study:	\$24,800	\$3,320	\$28,120
	5	NCTCOG Environmental Form:	\$27,700		\$27,700
	6	404 Permit Application (Nationwide Permit 14):	\$47,751		\$47,751
	7	Permits (TxDOT, BNSF) and Utility Relocation Coordination:	\$13,000	\$7,500	\$20,500
	8	Asbestos Evaluation (4 Buildings):	\$6,000		\$6,000
	9	Project Stakeholder Design Meetings	\$36,600	\$12,000	\$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		\$32,000
	13b.	Revised Flood Study for Detention Pond Design	\$18,000	(\$9,364)	\$8,636
	14	PISD Detention Pond Replat	\$15,000		\$15,000
15	Level A Sub-Surface Utility Locates	\$4,500		\$4,500	
	Subtotal Additional Services (Part B):		\$480,790	\$2,000	\$482,790
C. Optional Services (Hourly)	1	Traffic Signal Warrant Study	\$5,500	(\$5,500)	\$0
	2	Street Lighting Design	\$46,000	(\$30,000)	\$16,000
	3	Full Irrigation Design Plans and Specifications	\$35,500	(\$35,500)	\$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)		\$115,500	(\$71,000)
Engineering Services Agreement Grand Total:			\$2,443,682	\$0.00	\$2,443,682

Mr. Clarence Daugherty, P.E.
Frontier Parkway Engineering Services Agreement – Amendment No. 7
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If this Amendment No. 7 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: