

CONTRACT FOR ENGINEERING SERVICES SUPPLEMENTAL AGREEMENT NO. 2 TO THE PROFESSIONAL SERVICES AGREEMENT

STATE OF TEXAS SCOUNTY OF WILLIAMSON S

THIS SUPPLEMENTAL AGREEMENT to contract for engineering services is by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Raba-Kistner Infrastructure, Inc. (the "Engineer") and becomes effective when fully executed by both parties.

WHEREAS, the *County* and the *Engineer* executed a contract on <u>March 18, 2008</u>; and Supplemental Agreement #1 on 6/17/2008

WHEREAS, the not-to-exceed fee in Exhibit 1, Section 1, Item 1.1 limits the agreement to \$1,000,000.00; and,

WHEREAS, the "Compensation Cap" in Exhibit 1, Section 4, Item 4.3 limits the maximum amount payable under the agreement to \$1,000,000.00; and,

WHEREAS, the Hourly Rates in Exhibit II are limited to the rates noted; and,

WHEREAS, it has become necessary to amend the agreement.

AGREEMENT

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

- I. The not-to-exceed fee in Exhibit 1, Section 1, Item 1. I is hereby increased from \$1,000,000.00 to \$1,420,509.55.
- II. The Compensation Cap in Exhibit 1, Section 4, Item 4.3 is hereby increased from \$1,000,000.00 to \$1,420,509.55.
- III. The hourly Rates in the original Exhibit III are hereby amended as shown in the attached revised Exhibit III (must be attached).

All other provisions are unchanged and remain in full force and effect.

Rev. 3

Revision Date: 10-29-10

Project Name: US 79 Section 3A

IN WITNESS WHEREOF, the *County* and the *Engineer* have executed this supplemental agreement in duplicate,

ENGINEER:	COUNTY:
By: John le Roberto	By:Signature
John A. Roberts Printed Name	Printed Name
Vice President Title	Title
October 29, 2010 Date	Date
	M 11/01/201

EXHIBIT III

			2008			2009			2010	
	D!4!		T T 14		Off-Site	On-Site	Off-S	Sito	On-Site 2	Off-Site
1	Positi	on ct Manager	<u>Unit</u> /hr.	On-Site	\$217	Oll-Site		24.60	<u>On-site</u>	\$232.46
1. 2.	-	lent Engineer	/m. /hr.	\$110	\$139	\$113.85		43.87	117.83	148.90
3.		r Inspector	/hr.	\$70	\$87	\$72.45	•	90.05	\$74.99	\$93.20
3. 4.	Inspe	-	/hr.	\$63	\$77	\$65.21		79.70	\$67.49	\$82.48
5.			/hr.	\$49	\$60	\$50.72		62.10	\$52.49	\$64.27
6.	I.		/hr.	\$45	\$55	\$46.58	\$56.93		\$48.21	\$58.92
7.	-		/hr.	Ψισ	\$56	Ψίσιοσ		57.96	Ψ.σ	\$59.99
		dinator	,		4		•			• • • • • • • • • • • • • • • • • • • •
8.			/hr.							\$163.00(1)
	Speci	alist								
	SUBO	CONTRACTOR 1								
1.	•	ct Manager	/hr.	\$140.00		\$144.90			\$149.97	
2.		eyor (RPLS)	/hr.	\$125.00		\$129.38			\$133.90	
3.	• • •		/hr.	\$85.00		\$87.98			\$91.05	
4.	•		/hr.	\$125.00		\$129.38	\$133.90			
5.			/hr.	\$175.00		\$181.13				
6.			/hr.	\$145.00		\$150.08	\$187.46 \$155.33			
		/hr.	\$50.00		\$51.75	\$53.56				
7. Clerk			/111.	φυυ.υυ		Ψ51.75			Φυυ.υΟ	
MATERIAL TESTING			ING				<u>Unit</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
1. Field Technician (2 hr. min			nimum)						.	
	1.1 Junior Soil Technicia						hr	\$46.20		
1.2 Senior Technician (S			•			hr	\$52.50			
1.3 Concrete Technician			ı (ACI (Grade I)			hr	\$46.20	\$47.82	\$49.49
1.4 Asphalt Technician			1	σ 1 T A	1.775)		1	0460 6	እ. <i>ሲላሚ</i> በዓ	#40.40
		TxDOT Certified Te		•	•		hr	\$46.20	•	
	1.4.2	TxDOT Certified Te	echnicia	n (Level II)			hr	\$52.50	\$54.34	\$56.24
2. Field Testing Equipment (2 hr. minimum, technician time not included)										
2.		Vehicle	•				mi	\$0.50		\$0.50
2.2	2	Concrete/Asphalt Co	oring E	quipment			hr	\$31.50	32.60	\$33.74
		Core Bit Charges								
	2.1.1	3 Inch Diameter Con					ea	\$3.70		
2.2.1.2		4 Inch Diameter Co					ea	\$4.70		
2.2.1.3		6 Inch Diameter Co	re				ea	\$6.30) \$6.52	\$6.75

EXHIBIT III

	EXHIBIT III				
	MATERIAL TESTING	<u>Unit</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
3.	Testing of Soils and Base Materials				
3.1	Sampling	hr	\$46.20	\$47.82	\$49.49
3.2	Field Nuclear Density (TEX-115-E)	ea	\$33.60	\$34.78	\$35.99
3.3	Sample Preparation (TEX-101-E)	ea	\$49.40	\$51.13	\$52.92
3.4	Natural Moisture Content (TEX-103-E)	ea	\$16.80	\$17.39	\$18.00
3.5	Sieve Analysis (TEX-110-E)	ea	\$60.90	\$63.03	\$65.24
3.6	Atterberg Limits (Liquid & Plastic Limits) (TEX-	ea	\$60.90	\$63,03	\$65.24
	104-E,TEX-105-E,TEX-106-E)				
3.7	Percent Passing No. 200 Sieve (TEX-111-E)	ea	\$38.90	\$40.26	\$41.67
3.8	Bar Linear Shrinkage of Soils (TEX-107-E) if	ea	\$49.40	\$51.13	\$52.92
	required by spec				
3.9	Moisture Density Relationship (TEX-113-E)	ea	\$220.50	\$228.22	\$236.21
,	Compaction Test	***	+	+	•
3.10	Moisture Density Relationship (TEX-114-E, Part I)	ea	\$220.50	\$228.22	\$236.21
5.10	Compaction Test	- Cu	\$220100	\$220.25	Ψ230.21
3.11	Moisture Density Relationship (TEX-114-E, Part	ea	\$241.50	\$249.95	\$258.70
J.11	II) Compaction Test	ca	Ψ241.30	Ψ447.73	Ψ230,70
3.12	Texas Triaxial Compression Test on Base Material	ea	\$1,736.70	\$1,797.48	\$1,860.40
J,1L	TEX-117-E, Part II;	Ca	\$1,750.70	φ1,/9/.40	ψ1,000.40
	Including the following:				
3.13		20	\$1,102.50	\$1,141.09	\$1,181.03
	Molding, Curing, and Testing 8 Specimens	ea	\$1,102.30	\$1,141.09	\$52.92
3.3	Sample Preparation (TEX-101-E)	ea	•		
3.5	Sieve Analysis (TEX-110-E)	ea	\$60.90	\$63.03	\$65.24
3.6	Atterberg Limits (Liquid and Plasite Limits) (TEX-	ea	\$60.90	\$63.03	\$65.24
2.0	104-E, TEX-105-E, TEX-106-E)		\$40.40	A.C. 10	#50.00
3.8	Bar Linear Shrinkage of Soils (TEX-107-E)	ea	\$49.40	\$51.13	\$52.92
3.9	Moisture Density Relationship (TEX-113-E)	ea	\$220.50	\$228.22	\$236.21
	Compaction Test		*****	*****	
3.14	,	ea	\$193.20	\$199.96	\$206.96
3.15	Soil Specific Gravity (TEX-108-E)	ea	\$57.80	\$59.82	\$61.92
	Soil Lime Compression Test (TEX-121-E)	ea	\$63.00	\$65.21	\$67.49
3.17		ea	\$84.00	\$86.94	\$89.98
3.18	Lime Series Curve (TEX-112-E)	point	\$84.00	\$86.94	\$89.98
3.19	pH of Soil (TEX-128-E)	ea	\$75.00	\$77.63	\$80.34
3.20	Thickness (TEX-140-E)	ea			\$45.00(1)
3.21	Determining Sulfate Content in Soils (TEX-401-A)	ea			\$80.30(1)
4.	Testing of Concrete				
4.1	Sampling	hr	\$46.20	\$47.82	\$49.49
4.2	Aggregate Gradation Analysis (TEX-401-A)	ea	\$60.90	\$63.03	\$65.24
4.3	Specific Gravity of Aggregate (TEX-403-A)	ea	\$47.30	\$48.96	\$50.67
	(Includes Absorption)				
4.4	Unit Weight of Aggregate	ea	\$31.50	\$32.60	\$33.74
4.5	Abrasion Test (TEX-410-A)	ea	\$210.00	\$217.35	\$224.96
4.6	Decantation (TEX-406-A)	ea	\$26.30	\$27.22	\$28.17
4.7	Organic Impurities (TEX-408-A)	ea	\$42.00	\$43.47	\$44.99
4.8	Soundness, Sodium, or Magnesium (TEX-411-A)	cyc	\$60.90	\$63.03	\$65.24
		•			

EXHIBIT III

	MATERIAL TESTING	<u>Unit</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
4.9	Concrete Cylinder Compressive Strength (TEX-418-E)	ea	\$21.00	\$21.74	\$22.50
4.10	Beam Flexural Strength (TEX-420-A or TEX-448-A)	ea	\$33.60	\$34.78	\$35.99
4.11	Coarse Aggregate Angularity (Superpave)	ea	\$63.00	\$65.21	\$67.49
4.12	Fine Aggregate Angularity (Superpave)	ea	\$63.00	\$65.21	\$67.49
4.13	Flat, Elongated Particles (TEX-224-F)	ea	\$63.00	\$65.21	\$67.49
4.14	Deleterious materials (Clay Lumps/Friable Part I) (TEX-413-A)	ea	\$55.70	\$57.65	\$59.67
4.15	Sand Equivalent (Clay Content) (TEX-203-A)	ea	\$50.00	\$51.75	\$53.56
5	Testing of HMAC (Testing Performed at				
 .	OVR Lab)	_			
5.1	Sampling	hr	\$46.20	\$47.82	\$49.49
5.2	Specimen Molding, Bulk Density (3 per set)	ea	\$58.00	\$60.03	\$62.13
5.3	Gradation and Asphalt Content (TEX-236-F)	ea	\$194.30	\$201.10	\$208.14
5.4	Maximum Theoretical Specific Gravity, Rice Method (TEX-227-F)	ea	\$42.00	\$43.47	\$44.99
5.5	Specific Gravity, Bulk	ea	\$21.00	\$21.74	\$22.50
5.6	Sand Equivalent (TEX-203-F)	ea	\$50.00	\$51.75	\$53.56
5.7	Fineness Modulus	ea			\$11.00(1)
5.8	Voids in Mineral Aggr. (VMA)(TEX-207-F) (Calc. only)	ea			\$15.00(1)
5.9	Moisture Content (TEX-212-F)	ea			\$20.00(1)
5.10	Hamburg Wheel Track (TEX-207-F)	ea			\$575.00(1)
5.11	In-Place Air Voids (TEX-207-F)	ea			\$30.00(1)
6	Engineering Consultation				
6.1	Senior Consultant/Project Principal	hr	\$126.00	\$130.41	\$134.97
de de	Other Direct Costs				
**	Miscellaneous Expenses	NTE			\$5,000.00(1)

Notes: Fees subject to 3.5% escalation on January 1st of each year starting January 1, 2009.

>> Minimum call-out charge for technician and equipment is 2 hours. Charges are accrued portal to portal. Technician time over 2 hours shall be documented on the daily report.

>> Transportation charges are applicable for all field testing assignments including sample pick up.

^{*} IRS allowable mileage rate shown effective 1/1/2008. Actual rate to reflect the maximum IRS allowable rate each year.

^{**} Rate shown is an estimate. Invoices will be based on actual costs incurred as demonstrated by submitted receipts.

⁽¹⁾ New Rate