AMENDMENT NO. 2
TO
CONTRACT FOR ENGINEERING SERVICES

This Amendment No. 2 to Contract for Engineering Services ("Amendment No. 2") is by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and **Rodriguez Engineering Laboratories LLC** (the "Engineer").

RECITALS

WHEREAS, the County and the Engineer previously executed that certain Contract for Engineering Services (the "Contract"), being dated effective **March 19, 2024**, wherein Engineer agreed to perform certain professional engineering services in connection with the **24RFSQ12 Materials Testing and Geotechnical Engineering Services for Williamson County Road and Bridge** ("Project");

WHEREAS, pursuant to **Article 14**, the terms of the Contract may be modified by a written, fully executed Contract Amendment;

WHEREAS, the parties wish to amend the Rate Schedule under **Exhibit D** of the Contract; and

WHEREAS, it has become necessary to supplement, modify and amend the Contract in accordance with the provisions thereof.

AGREEMENT

NOW, THEREFORE, premises considered, the County and the Engineer agree that the Contract is supplemented, amended and modified as follows:

I. <u>Amendment to Exhibit D – Rate Schedule</u>

Exhibit D – Rate Schedule of the Contract shall be amended and supplanted by the Exhibit D that attached hereto and incorporated herein by reference.

II. Terms of Contract Control and Extent of Amendment No. 2

All other terms of the Contract and any prior amendments thereto which have not been specifically amended herein shall remain the same and shall continue in full force and effect.

III. IN WITNESS WHEREOF, the County and the Engineer have executed this Amendment No. 2 in duplicate, to be effective as of the date of the last party's execution below.

ENGINEER:	**COUNTY:**
Rodriguez Engineering Laboratories LLC	**Williamson County, Texas**
By: _____	By: _____
Printed Name: Jose Melendez, P.E.	Printed Name: Steven Snell
Title: Senior Engineer / Laboratory Manager	Title: County Judge
Date: 6/5/2025	Date: _____

Exhibit D

Rate Schedule

Please see next pages.

EXHIBIT D

RATE SCHEDULE

CONSTRUCTION MATERIALS TESTING SERVICES				
Consultant Name: RODRIGUEZ ENGINEERING LABORATORIES LLC			**UNIT**	**RATES**
1. Testing of Soils and Base Materials				
1.1	**Field Soil Density**			
	1.1.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included)	Per hr	$75.38
	1.1.2	Field Tech Time (on-site only, 2-hour minimum)	Per hr	$75.38
	1.1.3	Field Nuclear Density Test	Per ea	$51.51
	1.1.4	Field Density by Sand Cone Method (ASTM D1556)	Per ea	$69.10
1.2	**Bulk Sample Pick-Up**			
	1.2.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included)	Per hr	$75.38
1.3	**Laboratory Moisture Density Relationship**			
	1.3.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included)	Per hr	$75.38
	1.3.2	Field Tech Time (on-site only, 2-hour minimum)	Per hr	$75.38
	1.3.3	Moisture Density Relationship of Soil-Cement (ASTM D 558)	Per ea	$345.47
	1.3.4	Moisture Density Relationship (ASTM D 698) Standard Proctor Compaction Test)	Per ea	$345.47
	1.3.5	Moisture Density Relationship (ASTM D 1557) (Modified Proctor Compaction Test)	Per ea	$345.47
	1.3.6	Moisture Density Relationship (TEX-113-E) Compaction Test	Per ea	$345.47
	1.3.7	Moisture Density Relationship (TEX-114-E, Part I) Compaction Test	Per ea	$345.47
	1.3.8	Moisture Density Relationship (TEX-114-E, Part II) Compaction Test	Per ea	$386.92
	1.3.9	Moisture Density Relationship of Soil-Cement (Tex-120-E Part I)	Per ea	$386.92
	1.3.10	Moisture Density Relationship of Soil-Lime (Tex-121-E Part I)	Per ea	$386.92
1.4	**Laboratory Testing of Soils**			
	1.4.1	Atterberg Limits (Liquid and Plastic Limits) (TEX-104-E, TEX-105-E, TEX-106-E)	Per ea	$97.99
	1.4.2	Bar Linear Shrinkage of Soils (TEX-107-E)	Per ea	$82.92
	1.4.3	CBR of Laboratory-Compacted Soils (ASTM D1883)	Per ea	$621.85
		1.4.3.1 Each Additional Point	Per ea	$207.29
	1.4.4	Depth Check (Tex-140-E)	Per ea	$25.13
	1.4.5	Dry Unit Weight Test of Soils	Per ea	$47.74
	1.4.6	Field Gradation of Lime Soil (1.75, 0.75, No 4 Sieve) (in addition to hourly charge)	Per point	$27.65
	1.4.7	Hydrometer Analysis (ASTM D422), (mechanical sieve analysis is not included)	Per ea	$145.73
	1.4.8	Lime Series Curve (ASTM D 4318)	Per point	$128.14
	1.4.9	Natural Moisture Content	Per ea	$28.27
	1.4.10	Organic Content of Soils (Tex-148-E)	Per ea	$232.41
	1.4.11	Percent Passing No. 200 Sieve (TEX-111-E)	Per ea	$64.07
	1.4.12	PVR (Tex-124-E), testing is not included	Per ea	$143.21
	1.4.13	Resistivity of Soils (TEX-129-E)	Per ea	$136.92
	1.4.14	Sample Preparation (TEX-101-E)	Per ea	$94.22
	1.4.15	Sample Remolding	Per hr	$75.38
	1.4.16	Sieve Analysis (TEX-110-E)	Per ea	$97.99
	1.4.17	Shrinkage (Volumetric) (ASTM D427, ASTM D4943)	Per ea	$101.76
	1.4.18	Soil Cement or Lime Compression Test (TEX-120-E Part II, TEX-121-E Part II), each mold/specimen	Per ea	$103.01
	1.4.19	Soil pH (Tex-128-E)	Per ea	$81.66
	1.4.20	Soil Specific Gravity (TEX-108-E)	Per ea	$92.96
	1.4.21	Stabilization Ability of Lime by Soil PH (TEX-121-E Part III) up to 6 points	Per ea	$349.25
	1.4.22	Sulfate Content (Tex-145-E)	Per ea	$131.91
	1.4.23	Texture Depth by Sand Patch (Tex-436-A)	Per ea	$81.66
	1.4.24	Unconfined Compression Test - Cohesive Soils (ASTM D2166)	Per ea	$72.87
	1.4.25	Unconfined Compression Test - Rock (ASTM D2938)	Per ea	$101.76
	1.4.26	Dynamic Cone Penetration in Shallow Pavement Applications (ASTM D6951)	Per ea	$279.59
1.5	**Texas Triaxial Compression Test on Base Material TEX-117E, Part II, including the following:**			
	1.5.1	Molding, Curing, and Testing 9 Specimens	Per ea	$1,752.48

EXHIBIT D

RATE SCHEDULE

CONSTRUCTION MATERIALS TESTING SERVICES				
Consultant Name: RODRIGUEZ ENGINEERING LABORATORIES LLC			**UNIT**	**RATES**
	1.5.2	Atterberg Limits (Liquid and Plastic Limits) (TEX-104-E, TEX-105-E, TEX-106-E)	Per ea	$97.99
	1.5.3	Bar Linear Shrinkage of Soils (TEX-107-E)	Per ea	$82.92
	1.5.4	Percent Passing No. 200 Sieve (TEX-111-E)	Per ea	$64.07
	1.5.5	Sample Preparation (TEX-101-E)	Per ea	$94.22
	1.5.6	Sieve Analysis (TEX-110-E)	Per ea	$97.99
	1.5.7	Wet Ball Mill (TEX-116-E)	Per ea	$304.01
1.6	Report of Soil Test Results (includes clerical, engineering review/seal, etc.)		Per ea	$104.27
2. Testing of Concrete and Aggregates				
2.1	**Concrete Cylinder**			
	2.1.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included)	Per hr	$75.38
	2.1.2	Field Tech Time (on-site only, 2-hour minimum)	Per hr	$75.38
	2.1.3	Cylinder Charge (per each)	Per ea	$36.44
2.2	**Concrete Coring**			
	2.2.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included)	Per hr	$75.38
	2.2.2	Field Tech Time (on-site only, 2-hour minimum)	Per hr	$75.38
	2.2.3	Concrete Coring Equipment Charge	Per hr	$52.76
	2.2.4	Core Bit Surcharge (in addition to base equipment and technician charges)		
		2.2.4.1 - 3-inch diameter core	Per inch	$6.29
		2.2.4.2 - 4-inch diameter core	Per inch	$8.17
		2.2.4.3 - 6-inch diameter core	Per inch	$10.74
	2.2.5	Concrete Core Strength Testing, Includes Core Curing and Preparation	Per ea	$90.45
2.3	**Laboratory Testing of Concrete and Aggregates**			
	2.3.1	Abrasion Test (TEX-410-A)	Per ea	$332.90
	2.3.2	Absorption of Aggregate	Per ea	$50.25
	2.3.3	Aggregate Gradation Analysis (TEX-200-F)	Per ea	$97.99
	2.3.4	Beam Flexural Strength (TEX 448-A)	Per ea	$54.02
	2.3.5	Coarse Aggregate Angularity	Per ea	$103.01
	2.3.6	Crushed Face Count (TEX-460-A)	Per ea	$104.27
	2.3.7	Decantation (Tex-406-E)	Per ea	$46.48
	2.3.8	Deleterious Materials (Clay Lumps/Friable Part I) Mineral Aggregate (Tex-413-A)	Per ea	$91.70
	2.3.9	Fine Aggregate Angularity	Per ea	$103.01
	2.3.10	Fineness Modulus of Fine Aggregate (Tex-402-A)	Per ea	$56.53
	2.3.11	Flat, Elongated Particles (ASTM D4791)	Per ea	$103.01
	2.3.12	Micro Deval Abrasion (TEX-461-A)	Per ea	$307.78
	2.3.13	Organic Impurities in Fine Aggregate (Tex-408-A)	Per ea	$70.35
	2.3.14	Pavement Thickness by Direct Measurement (Tex-423-A)	Per ea	$37.68
	2.3.15	Sand Equivalent (Clay Content) (Tex-203-F)	Per ea	$119.35
	2.3.16	Sieve Analysis of Fine and Coarse Aggregate (Tex-401-A)	Per ea	$97.99
	2.3.17	Soundness, Sodium, or Magnesium (ASTM C88, Tex-411-A)	Per ea	$489.95
	2.3.18	Specific Gravity of Aggregate	Per ea	$75.38
	2.3.19	Flakiness Index of Aggregate	Per ea	$127.00
	2.3.20	Splitting Tensile Strength of Cylindrical Concrete Specimen (ASTM C496)	Per ea	$54.02
	2.3.21	Thickness of Concrete Cylinders or CTB Cores (ASTM C174)	Per ea	$25.13
	2.3.22	Unit Weight of Aggregate	Per ea	$50.25
	2.3.23	Unit weight of Concrete Specimens by Measurements	Per ea	$18.84
2.4	Report of Concrete Test Results (includes clerical, engineering review/seal, etc.)		Per ea	$104.27
3. Testing of HMAC and Liquid Asphalt				

EXHIBIT D

RATE SCHEDULE

CONSTRUCTION MATERIALS TESTING SERVICES				
Consultant Name: RODRIGUEZ ENGINEERING LABORATORIES LLC			**UNIT**	**RATES**
3.1	**HMAC Field Testing and Sample Pick-up**			
	3.1.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included)	Per hr	$75.38
	3.1.2	Field Tech Time (on-site only, 2-hour minimum)	Per hr	$75.38
	3.1.3	Longitudinal Joint Density with Density Gauge (Tex-207-F, VII) (Plus Tech time)	Per ea	$97.99
	3.1.4	Mat Segregation with Density Gauge (Tex-207-F, Part V) (Plus Tech time)	Per ea	$97.99
	3.1.5	Pavement Thickness Determination (Tex-140-E)(Plus Tech time)	Per ea	$25.13
	3.1.6	Thermal Profile (Tex-244-F)(Plus Tech time)	Per ea	$219.85
	3.1.7	Permeability or Water Flow of Hot Mix Asphalt	Per ea	$93.77
3.2	**Laboratory Testing of HMAC**			
	3.2.1	Asphalt Content by Extraction (TEX-210-F, T164)	Per ea	$211.06
	3.2.2	Asphalt Content by Ignition Method (Tex-236-F)	Per ea	$226.13
	3.2.3	Specimen Molding by SGC (TEX-241-F) (2 per set)	Per ea	$106.78
	3.2.4	Specimen Molding by TGC (TEX-206-F) (3 per set)	Per ea	$77.89
	3.2.5	Bulk Density of Compacted Specimens (TEX-207-F, Part I) (2 or 3 per set)	Per ea	$77.89
	3.2.6	Hveem Stability (TEX-208-F) (3 per set)	Per ea	$77.89
	3.2.7	Gradation of Aggregate from Extraction or Ignition (TEX-200-F)	Per ea	$97.99
	3.2.8	Hamburg Wheel Tracker (TEX-242-F) (Includes Molding)	Per ea	$711.05
	3.2.9	Indirect Tensile Strength (TEX-226-F) (Molding is not included)	Per ea	$91.70
	3.2.10	Bulk Specific Gravity of Core (Tex-207-F Part I)	Per ea	$33.92
	3.2.11	Bulk Specific Gravity of Core (Tex-207-F Part VI), in addition to Specific Gravity (3.2.14)	Per ea	$77.89
	3.2.12	Maximum Theoretical Specific Gravity, Rice Method (Tex 227-F)		
		3.2.12.1 - Bag Sample	Per ea	$70.35
		3.2.12.2 - Core Sample	Per ea	$82.92
	3.2.13	Cantabro Loss (TEX-245-F) (Molding is not included)	Per ea	$140.69
	3.2.14	Boiling Stripping Test (TEX-530-C)	Per ea	$138.19
	3.2.15	Draindown Characteristics of Bituminous Materials (Tex-235-F)	Per ea	$138.76
	3.2.16	Moisture Content of Bituminous Materials (Tex-212-F)	Per ea	$51.78
	3.2.17	Shear Bond Strength Test (Tex-249-F)	Per ea	$257.05
	3.2.18	Ideal Cracking Test (Tex-250-F)	Per ea	$374.87
	3.2.19	Thickness of HMAC cores by Direct Measurement	Per ea	$16.32
3.3	**HMAC Coring**			
	3.3.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included)	Per hr	$75.38
	3.3.2	Field Tech time (on-site only, 2-hour minimum)	Per hr	$75.38
	3.3.3	Core, per inch thickness		
		3.3.3.1 - 0"–6" depth @ 6"Ø (includes patching and sample prep.)	Per ea	$123.12
		3.3.3.2 - > 6"–10" depth @ 6"Ø (includes patching and sample prep.)	Per ea	$136.30
		3.3.3.3 - > 10"–14" depth @ 6"Ø (includes patching and sample prep.)	Per ea	$175.88
		3.3.3.4 - >14" depth @ 6"Ø (includes patching and sample prep.)	Per ea	$175.88
		3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.)	Per inch	$7.54
3.4	**Laboratory Testing of Liquid Asphalt and Emulsions**			
	3.4.1	Abson Recovery (Extraction using Solvent is not Included)	Per ea	$301.51
	3.4.2	Breaking Index (Asphalt Emulsions)	Per ea	$118.09
	3.4.3	Cement Mix	Per ea	$89.19
	3.4.4	Demulsibility (Anionic or Cationic Emulsions)	Per ea	$89.19
	3.4.5	Density of Emulsified Asphalt	Per ea	$89.19
	3.4.6	Ductility of Bituminous Materials	Per ea	$126.89
	3.4.7	Elastic Recovery Test	Per ea	$103.01
	3.4.8	Float Test For Bituminous Materials	Per ea	$103.01
	3.4.9	Kinematic Viscosity of Cut-Back Asphalt	Per ea	$126.89
	3.4.10	Penetration of Bituminous Materials	Per ea	$79.15

EXHIBIT D

RATE SCHEDULE

CONSTRUCTION MATERIALS TESTING SERVICES				
Consultant Name: RODRIGUEZ ENGINEERING LABORATORIES LLC			**UNIT**	**RATES**
	3.4.11	Residue by Distillation (Cutback or Emulsified Asphalts)	Per ea	$185.92
	3.4.12	Residue by Evaporation	Per ea	$185.92
	3.4.13	Saybolt Viscosity of Emulsified Asphalt at 25°C (77°F)	Per ea	$79.15
	3.4.14	Saybolt Viscosity of Emulsified Asphalt at 50°C (122°F)	Per ea	$79.15
	3.4.15	Sieve Test of Emulsified Asphalt	Per ea	$55.27
	3.4.16	Softening Point of Bitumen (Ring-and-Ball)	Per ea	$126.89
	3.4.17	Storage Stability (24 Hrs)	Per ea	$138.19
	3.4.18	Specific Gravity of Emulsified Asphalt	Per ea	$85.42
	3.4.19	Viscosity by Vacuum Capillary Viscometer	Per ea	$126.89
3.5	Report of Asphalt Test Results (includes clerical, engineering review/seal, etc.)		Per ea	$104.27
4. Field Testing Equipment				
4.1	**Vehicle**			
	4.1.1	Within City of Austin ETJ, within 50 miles (one-way) from REL	Per trip	$88.02
4.2	**Falling Heavy Weight Deflectometer (FWD) Testing**			
	4.2.1	FWD Field Data Collection (Equipment and Operator)(8 hr/day maximum)	Per day	$3,102.06
	4.2.2	FWD Equipment (Mobilization/Demobilization)	Per ea	$258.51
	4.2.3	FWD Operator (Mobilization/Demobilization)	Per hr	$108.04
4.3	**High Speed Inertial Profiler (IRI) Testing**			
	4.3.1	IRI Field Data Collection (Equipment Only)(8 hr/day maximum)	Per day	$459.57
	4.3.2	IRI Equipment (Mobilization/Demobilization) (within 50 miles from REL)	Per trip	$71.62
	4.3.3	IRI Operator (Portal-to-Portal from REL)(4 hr minimum)	Per hr	$94.22
5. Engineering Consultation				
5.1	Principal		Per hr	$290.19
5.2	Project Manager/Professional Engineer		Per hr	$185.92
5.3	Project Engineer		Per hr	$144.47
5.4	Graduate Engineer		Per hr	$108.04
5.5	Senior Engineering Technician		Per hr	$94.22
5.6	Engineering Technician (Asphalt, Concrete, Soils, etc.)		Per hr	$75.38
5.7	Clerical		Per hr	$60.30

NOTES:

1. Minimum call-out charge for technician and equipment is 2 hours. Charges are accrued portal to portal.
2. The density test unit rate is based on a minimum of 3 tests per trip.
3. Transportation charges are applicable for all field testing assignments including sample pick up. But, if the technician is already at the job site, there is no sample pick up charges.
4. Subconsultants' fees shall be approved previous to work beginning.
5. Trip charge refers to the labor for the Engineering Technician to drive to site. This is charged hourly. Vehicle charges refer to cost of vehicle associated with the trip.

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2024 STANDARD RATES

LABOR RATES PER HOUR	REGULAR	OVERTIME	DOUBLE TIME
Level II – Inspector…….	82.00	123.00	164.00
Certified Welding Inspector……	125.00	187.50	250.00
Helper..……	65.00	97.50	130.00
Welder ……..……..	95.00	142.50	190.00
Hardness Testing…….	125.00	187.50	250.00
Equipment Charge per Job	100.00		
Mileage Per Job (portal to portal)	Current IRS Rate		

NOTE: Travel time same rates as above (Minimum Call-Out – 4 Hours, Portal to Portal)

DOMESTIC TRAVEL:

12 hour Minimum Charge for Domestic Travel & Work Day

Hotel ……..……	Cost
Air Travel……..	Cost
Car Rental……..	Cost
Consumables/Materials…….	Cost
Mileage……..	Current IRS Rate

WORK OUTSIDE THE UNITED STATES WILL BE NEGOTIATED

WORKING HOURS:

Regular Time	-	7:00am to 3:30pm, Monday – Friday
Overtime	-	All hours worked after 3:30pm, Monday – Friday and all day Saturday
Double Time	-	All hours worked on Sunday and Holidays*

***HOLIDAYS:** New Year's Day, Easter, Memorial Day, US Independence Day, Labor Day, Thanksgiving, and Christmas Day