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November 19, 2020

The Honorable Bill Gravell, Jr.
Williamson County Judge
c/o Mike Weaver
HNTB
701 Brazos, Suite 450
Austin, TX 78701

Re: ODE and Unit Cost to be added to PSA

Dear Judge Gravell / Mr. Weaver:

Please accept the attached proposed **Other Direct Expenses and Unit Costs Rates** for our work under the **Professional Services Agreement (PSA)** and **Work Authorizations no. 01 for Williamson County Road 129** Contract was executed on April 23, 2020.

We are respectfully requesting these additional rates (highlighted in orange) to be effective thirty (30) days after the date of this request, November 19, 2020.

Please call me if you have any questions.

Sincerely,

GARVER, LLC

Digitally signed by
Glenn G Gregory, Jr.
Date: 2020.12.17
16:15:35-06'00'

Glenn G. Gregory, Jr., P.E.
Vice President

CONTRACT AMENDMENT NO. 01
TO
WILLIAMSON COUNTY CONTRACT FOR
ENGINEERING SERVICES

WILLIAMSON COUNTY ROAD BOND PROJECT:
Williamson County Road 129 (“Project”)

THIS CONTRACT AMENDMENT NO. 01 to Williamson County Contract for Engineering Services is by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Garver, LLC (the "Engineer") and becomes effective as of the date of the last party's execution below.

WHEREAS, the County and the Engineer executed the Williamson County Contract for Engineering Services dated effective April 23, 2020 (the “Contract”);

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

WHEREAS, the “Compensation Cap” under Article 5 of the Contract limits the maximum amount payable under the Contract to \$ 500,000.00 ; and,

WHEREAS, the Rate Schedule in Exhibit D of the Contract are limited to the rates noted in said Exhibit D; and,

WHEREAS, it has become necessary to amend the Contract.

AGREEMENT

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

- I. The Contract Direct Expenses in the original Exhibit D of the Contract are hereby amended by adding the Direct Expenses listed in the attached revised Exhibit D (must be attached).
- II. Terracon's Hourly Rate schedule in the original Exhibit D of the Contract is hereby amended by adding the Geotechnical Unit Cost listed in the attached revised Exhibit D (must be attached).
- III. SWCA's Hourly Rate schedule in the original Exhibit D of the Contract is hereby amended by adding the Direct Non-Labor Expenses listed in the attached revised Exhibit D (must be attached).

All other terms of the Contract are unchanged and will remain in full force and effect.

IN WITNESS WHEREOF, the County and the Engineer have executed this Contract Amendment, in duplicate, to be effective as of the date of the last party's execution below.

ENGINEER:

By: 
Signature

Glenn G. Gregory, Jr.
Printed Name

Vice President
Title

12/17/2020
Date

COUNTY:

By: 
Signature

Valerie Covey
Printed Name

County Presiding Officer
Title

1/12/2021
Date



12/28/2020

EXHIBIT D

RATE SCHEDULE



ATTACHMENT D
County Road 129
Garver Hourly Rate Schedule

Classification	Rates
Engineers / Architects	
E-1: EIT.....	\$ 110.00
E-2: Engineer.....	\$ 130.00
E-3: Design Engineer.....	\$ 155.00
E-4: Project Engineer.....	\$ 180.00
E-5: Senior Project Engineer.....	\$ 220.00
E-6: Engineering Specialist/Project Manager.....	\$ 260.00
E-7: Senior Project Manager.....	\$ 325.00
Planners / Environmental Specialist	
P-1: Planner/Env Specialist I.....	\$ 110.00
P-2: Planner/Env Specialist II.....	\$ 140.00
P-3: Planner/Env Specialist III.....	\$ 165.00
P-4: Planner/ Env Specialist IV.....	\$ 235.00
P-6: Senior Planner/Env Specialist.....	\$ 325.00
Designers	
D-1: Designer/Env Scientist I.....	\$ 105.00
D-2: Designer/Env Scientist II.....	\$ 120.00
D-3: Senior Designer/Senior Env Scientist.....	\$ 145.00
Technicians	
T-1: Intern.....	\$ 85.00
T-2: Technician.....	\$ 105.00
T-3: Senior Technician.....	\$ 125.00
Management/Administration	
M-1 Principal.....	\$ 350.00
X-1: Administrative Asst/Intern.....	\$ 65.00
X-2: Administrative Assistant II.....	\$ 85.00
X-6 Senior Scheduler.....	\$ 225.00

ATTACHMENT D
County Road 129
EDGE Engineering Hourly Rate Schedule

Classification	Rates
Engineers / Architects	
E-1: EIT.....	\$ 100.00
E-2: Engineer.....	\$ 115.00
E-3: Design Engineer.....	\$ 135.00
E-4: Project Engineer.....	\$ 165.00
E-5: Senior Project Engineer.....	\$ 185.00
E-6: Engineering Specialist/Project Manager.....	\$ 225.00
E-7: Senior Project Manager.....	\$ 250.00
Designers	
D-1: Designer/Env Scientist I.....	\$ 90.00
D-2: Designer/Env Scientist II.....	\$ 105.00
D-3: Senior Designer/Senior Env Scientist.....	\$ 115.00
Technicians	
T-1: Intern.....	\$ 60.00
T-2: Technician.....	\$ 85.00
T-3: Senior Technician.....	\$ 115.00
Management/Administration	
M-1 Principal.....	\$ 250.00
X-1: Administrative Asst/Intern.....	\$ 60.00
X-2: Administrative Assistant II.....	\$ 90.00

Agreement for Professional Services
Williamson County Road 129

Garver Project No.20T47003

ATTACHMENT D
County Road 129
K Friese + Associates Hourly Rate Schedule

Classification	Rates
Engineers / Architects	
E-1: Senior Project Manager	\$ 250.00
E-2: Quality Manager	\$ 240.00
E-3: Senior Engineer	\$ 225.00
E-4: Project Engineer	\$ 185.00
E-5: Design Engineer	\$ 150.00
E-6: Engineer-In-Training	\$ 125.00
E-7: Senior CAD Operator	\$ 120.00
E-8: CADD Operator	\$ 100.00
E-9: Senior Engineer Tech	\$ 130.00
E-10: Engineer Tech	\$ 125.00
E-11: Admin/Clerical	\$ 90.00
E-12: Senior GIS Operator	\$ 130.00
E-13: GIS Operator	\$ 125.00
E-14: GIS Technician	\$ 110.00

Agreement for Professional Services
Williamson County Road 129

Garver Project No. 20T47003

ATTACHMENT D
County Road 129
McGray & McGray Land Surveyors, Inc.
Hourly Rate Schedule

Classification	Rates
Surveyors	
1 man survey reconnaissance or field gathering.....	\$120.00/hr
2 man survey crew, with vehicle and data collection.....	\$165.00/hr
3 man survey crew, with vehicle and data collection.....	\$200.00/hr
GPS/RTK 1 man survey crew, with vehicle and data collection..	\$170.00/hr
GPS/RTK 2 man survey crew, with vehicle and data collection..	\$215.00/hr
GPS/RTK 3 man survey crew, with vehicle and data collection..	\$250.00/hr
Additional Crew/Rodman.....	\$ 45.00/hr
Flagger.....	\$ 45.00 /hr
Researcher.....	\$ 80.00/hr
Secretarial/Administrative.....	\$ 70.00/hr
AutoCAD / Survey Technician.....	\$ 90.00/hr
Senior Technician.....	\$ 96.00/hr
LIDAR Technician.....	\$ 98.00/hr
GPS Processing.....	\$108.00/hr
Field Coordinator.....	\$ 98.00/hr
Project Manager.....	\$165.00/hr
RPLS.....	\$145.00/hr
ATV (All Terrain Vehicle).....	\$ 65.00/day
Additional Survey Vehicle.....	\$ 70.00/day
LiDAR Terrestrial Scanner.....	\$100.00/day
UAV (Drone) Aerial Mapper.....	\$5,000.00/day
Mobile Mapper.....	\$9,000.00/day

Field crew rate include all equipment and overhead necessary to perform any survey related task.
Office rates include all equipment and overhead necessary to do drafting, office computations, and other related office tasks. Fees and charges include complete insurance coverage, taxes, and benefits.

Agreement for Professional Services
Williamson County Road 129

Garver Project No.20T47003

ATTACHMENT D
County Road 129
SWCA Hourly Rate Schedule

Classification	Rates
Planners / Environmental Specialist	
Specialist I.....	\$ 67.00
Specialist II.....	\$ 79.00
Specialist III.....	\$ 89.00
Specialist IV.....	\$ 99.00
Specialist V.....	\$ 109.00
Specialist VI.....	\$ 119.00
Specialist VII.....	\$ 131.00
Specialist VIII.....	\$ 142.00
Specialist IX.....	\$ 153.00
Specialist X.....	\$ 171.00
Specialist XI.....	\$ 187.00
Specialist XII.....	\$ 205.00
Management/Administration	
M-1 Principal.....	\$ 285.00
M-1: Subject Matter Expert.....	\$ 210.00
X-2: Administrative Assistant V.....	\$ 89.00
X-5 Scheduler.....	\$ 67.00

Agreement for Professional Services
Williamson County Road 129

Garver Project No.20T47003

ATTACHMENT D
County Road 129

Terracon Consultants, Inc. Hourly Rate Schedule

Classification	Rates
Engineers/Geologists	
E-1: Field Geologist, G.I.T.....	\$ 100.00
E-2: Field Engineer, E.I.T.....	\$ 105.00
E-3: Staff Engineer, E.I.T.....	\$ 115.00
E-4: Senior Staff Engineer, P.E.....	\$ 125.00
E-5: Project Engineer, P.E. / Project Manager.....	\$ 140.00
E-6: Senior Engineer, P.E. / Senior Project Manager.....	\$ 160.00
E-7: Senior Geologist, P.G.....	\$ 180.00
E-8: Principal Engineer, P.E.....	\$ 200.00
Laboratory / Field Personnel	
L-1: Laboratory Manager.....	\$ 145.00
L-2: Laboratory Coordinator / Draftsman.....	\$ 90.00
F-1: Field / Drilling Services Coordinator.....	\$ 80.00
Management/Administration	
M-1: Senior Principal / Officer / Consultant.....	\$ 255.00
X-1: Administrative Staff.....	\$ 55.00

Agreement for Professional Services
Williamson County Road 129

Garver Project No.20T47003

ATTACHMENT D
County Road 129
Terracon Consultants, Inc. Hourly Rate Schedule

1. Drilling			
1.1	Rig Mobilization	Per ea	\$545.00
1.2	Minimum Daily Rig Charge (only if drill depth rates below not used)	Per day	\$865.00
1.3	Soil Drilling (includes backfilling of boring)		
1.3.1	Soil Drilling 0' to 25' depth	Per ft	\$17.00
1.3.2	Soil Drilling 25' to 35' depth	Per ft	\$19.00
1.3.3	Soil Drilling 35' to 50' depth	Per ft	\$22.00
1.3.4	Standard Penetration Tests (SPT) (ASTM D 1586)	Per ea	\$26.00
1.3.5	Shelby Tube (Thin Wall/3") (ASTM D 1587)	Per ea	\$26.00
1.3.6	TxDOT Cone Penetrometer (TEX-132-E)	Per ea	\$35.00
1.4	Rock Drilling / Augering Surcharge		
1.4.1	Rock Augering Surcharge (to be added to soil drilling depth rates above only when rock is augered, but not cored)	Per ft	\$7.00
1.5	Rock Coring (includes backfilling of boring)		
1.5.1	Rock Coring 0' to 25' depth	Per ft	\$26.50
1.5.2	Rock Coring 25' to 35' depth	Per ft	\$28.00
1.5.3	Rock coring 35' to 50' depth	Per ft	\$31.50
1.5.4	Rock coring 50' to 65' depth	Per ft	\$35.50
1.5.5	Rock coring 65' to 80' depth	Per ft	\$40.50
1.6	Concrete Coring		
1.6.1	Trip Charges (round-trip)	Per ea	\$130.00
1.6.2	Equipment Charge	Per hr	\$52.50
1.6.3	Core Bit Surcharge (in addition to base equipment charge)		
	1.6.3.1 - 3-inch diameter core	Per inch	\$10.50
	1.6.3.2 - 4-inch diameter core	Per inch	\$12.50
	1.6.3.3 - 6-inch diameter core	Per inch	\$15.50
1.6.4	Repair Core hole	Per ea	\$78.50
1.7	HMAC Coring		
1.7.1	Trip Charge (round-trip)	Per ea	\$130.00
1.7.2	Equipment Charge	Per hr	\$78.50
1.7.3	Repair Core hole with Cold Mix	Per ea	\$42.00
1.8	Support Truck	Per day	\$130.00
1.9	Water Truck	Per day	\$130.00
1.10	Hollow Stem Auger Surcharge (to be added to soil drilling depth rates above only when hollow stem augers are required)	Per ft	\$10.50
1.11	Groundwater Observation Well - 20' deep - Materials Only (other depths quoted upon request)	Per ea	\$630.00
1.12	Groundwater Observation Well - 20' deep - Completed Well with Concrete Pad and Lockable Cap (other depths quoted upon request)	Per ea	\$2,300.00
1.13	Steam Cleaner	Per day	\$315.00
1.14	Air Compressor	Per day	\$115.50
2. Laboratory Testing			
2.1	Moisture Content (ASTM D 2216)	Per ea	\$21.00
2.2	Moisture Content + Dry Density (ASTM D 2937)	Per ea	\$28.50
2.3	Atterberg Limits (ASTM D-4318; TEX-104-E, TEX 105-E and TEX-106-E)	Per ea	\$105.00
2.4	Hydrometer Analysis (ASTM D 422)	Per ea	\$210.00
2.5	No. 200 Sieve (ASTM D-1140; TEX-111-E)	Per ea	\$105.00
2.6	Particle Gradation: Including No. 200 sieve (ASTM D-422, TEX 110E)	Per ea	\$157.50
2.7	Particle Gradation: Including Hydrometer (ASTM D-422)	Per ea	\$230.00
2.8	Moisture Density Relationship: Standard Effort: 4" Mold (ASTM D 698 A & B)	Per ea	\$345.00
2.9	Moisture Density Relationship: Standard Effort: 6" Mold (ASTM D 698 C & D)	Per ea	\$345.00
2.10	Moisture Density Relationship: Modified Effort: 4" Mold (ASTM D 1557)	Per ea	\$345.00
2.11	Moisture Density Relationship: Modified Effort: 6" Mold (ASTM D 1557)	Per ea	\$345.00
2.12	Moisture Density Relationship: Base & Cohesionless Sand (TEX-113-E)	Per ea	\$455.00
2.13	Moisture Density Relationship: Subgrade & Embankment Soils (TEX 114 E) Part II	Per ea	\$383.00
2.14	Unconfined Compression Test - Cohesive Soils (ASTM D 2166)	Per ea	\$57.50
2.15	Unconfined Compression Test - Rock (ASTM D 7012-C)	Per ea	\$63.00
2.16	Consolidation		
2.16.1	Consolidation Test (ASTM D 2435) (up to 6 load increments)	Per ea	\$472.50
2.16.2	Each additional load increment in excess of 6	Per ea	\$52.50
2.17	Triaxial Unconsolidated-Undrained (UU) (ASTM D 2850) (per point)	Per ea	\$125.00
2.18	Triaxial Consolidated-Undrained (CU) with pore pressures (ASTM D 4767) (3 pts.)	Per ea	\$1,000.00
2.19	Triaxial Consolidated-Undrained (CU) with pore pressures (ASTM D 4767) multi-stage (3 pts)	Per stage	\$840.00
2.20	Direct Simple Shear CU, per point (ASTM D 6528)	Per ea	\$267.50
2.21	Direct Shear CD, per point (ASTM D 3080), includes extrusion, unit wt., and moisture	Per ea	\$267.50
2.22	Direct Shear CD with residual strength, per point, includes ext., unit wt., and moisture	Per ea	\$267.50
2.23	Shrinkage (Volumetric) (ASTM D 427, ASTM D 4943)	Per ea	\$267.50
2.24	Shrinkage (Bar Linear) (TEX-107-E)	Per ea	\$99.00
2.25	Swell Pressure (ASTM D 4546) Single Load	Per ea	\$155.00
2.26	Swell Pressure (ASTM D 4546) Multi-Load Increments	Per ea	\$420.00
2.27	Free Swell	Per ea	\$105.00
2.28	Controlled Pressure Swell	Per ea	\$420.00
2.29	PVR (TEX 124-E)	Per ea	\$155.00

ATTACHMENT D
County Road 129
Terracon Consultants, Inc. Hourly Rate Schedule

2.30	Texas Triaxial Compression Test (TEX-117E)		
2.30.1	Molding, Curing, and Testing 9 Specimens	Per ea	\$1,890.00
2.30.2	Sample Preparation (TEX-101-E)	Per ea	\$105.00
2.30.3	Sieve Analysis (TEX-110-E)	Per ea	\$157.00
2.30.4	Atterberg Limits (Liquid and Plastic Limits) (TEX-104-E, TEX-105-E, TEX-10-E)	Per ea	\$105.00
2.30.5	Percent Passing No. 200 Sieve (TEX-111-E)	Per ea	\$105.00
2.30.6	Bar Linear Shrinkage of Soils (TEX-107-E)	Per ea	\$99.00
2.30.7	Wet Ball Mill (TEX-116-E)	Per ea	\$420.00
2.31	Soil-Lime Relationship: PI Method (TEX-112-E, ASTM D 3551)		
2.32	Soil-Lime Relationship: PH Method (ASTM D 6276, ASTM D 3551)		
	Soil Lime Compression Test (TEX-121-E, Part I; ASTM D 3551) (test includes 4 lime contents - each lime content involves 3 test specimens)	Per ea	\$1,300.00
2.34	Soil-Lime Compaction Testing (TEX-121-E, Part II)		
2.35	Atterberg Limits of Lime Treated (ASTM D 4318, ASTM D 3551)		
2.36	Sample Remolding		
2.37	Expansion, Shrinkage, and Uplift Pressure of Soil-Lime Mixtures (ASTM D-3877)		
2.38	California Bearing Ratio (CBR)		
2.38.1	CBR of Laboratory-Compacted Soils (ASTM D 1883)	Per ea	\$400.00
2.38.2	Each Additional Point	Per ea	\$78.50
3.	Miscellaneous Testing		
3.1	Soluble Sulfate		
3.1.1	Soluble Sulfate (ASTM C88)	Per ea	\$84.00
3.1.2	Soluble Sulfate (Tex-145-E)	Per ea	\$115.00
3.2	Specific Gravity of Soils (TEX-108-E)		
3.3	Soil pH (TEX-128-E)		
3.4	Laboratory Resistivity (ASTM G-58, TEX 129-E)		
3.5	PH, Sulfate, Chloride & Resistivity		
3.6	Crumb Test of Clayey Soils (ASTM 6572)		
3.7	Organic Content		
3.7.1	Organic Content (ASTM D2974)	Per ea	\$63.00
3.7.2	Organic Content (Tex-148-E)	Per ea	\$89.00
3.8	Permeability		
3.8.1	Falling Head (ASTM D 5084)	Per ea	\$456.00
3.8.2	Constant Head (ASTM D 2434)	Per ea	\$472.50

Agreement for Professional Services
Williamson County Road 129

Garver Project No.20T47003

Attachment D
County Road 129
Contract Direct Expenses

Photocopies B/W (8 1/2" x 11")	each	\$	0.12
Photocopies B/W (11" x 17")	each	\$	0.20
Photocopies Color (8 1/2" x 11")	each	\$	0.75
Photocopies Color (11" x 17")	each	\$	1.50
Digital Ortho Plotting	sheet	\$	1.50
Blue-line Prints (24" x 36")	each	\$	2.50
Bond Paper Plot (Blue-line/Blackline)	linear foot	\$	9.00
Color Graphics on Foam Board	square foot	\$	20.00
Plots (B/W on Bond)	square foot	\$	6.00
Plots (Color on Bond)	square foot	\$	8.00
Plots (Color on Photographic Paper)	square foot	\$	5.00
Mylar Plot	square foot	\$	12.00
Mylar Plot (8 1/2" x 11")	sheet	\$	2.00
Mylar Plot (11" x 17")	sheet	\$	4.18
Mylar Plot (22" x 34")	sheet	\$	12.00

Agreement for Professional Services
Williamson County Road 129

Garver Project No. 20T47003

* Additional rates added to the PSA

Exhibit D
County Road 129

Direct Non-Labor Expenses	Unit	Rate
Certified Letter Return Receipt	each	\$6.90
Standard Postage Letter	each	\$0.55
Overnight Mail - Letter size	each	\$25.00
Overnight Mail - Oversized Box	each	\$30.00
Courier Services	each	\$40.00
Report Binding	each	\$5.00
Notebooks	each	\$5.00
Reproduction of CD/DVD	each	\$3.00
CD's	each	\$0.50

Terracon

Description	Unit	Rate
Traffic Control Services (rolling single-lane closure)	per day	\$2,000.00

SWCA

Description	Unit	Rate
Curation - Archaeology	each	\$500.00
Hazmat database Search	each	\$300.00
GPS Unit w/Sub-metter accuracy	each	\$65.00