

CONTRACT AMENDMENT NO. 1
TO
WILLIAMSON COUNTY CONTRACT FOR
ENGINEERING SERVICES

WILLIAMSON COUNTY ROAD BOND PROJECT: CR 460

THIS CONTRACT AMENDMENT NO. 1 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 Alfred Benesch & Company (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 March 19, 2024 (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 \$ 300,000.00 ; 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 Compensation Cap under Article 5 of the Contract is hereby increased from \$ 300,000.00 to \$ 350,000.00 , reflecting a total increase of \$ 50,000.00.
- II. The hourly Rates in the original Exhibit D of the Contract are hereby amended as shown in the attached revised Exhibit D-1.

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, to be effective as of the date of the last party's execution below.

ENGINEER:

By: _____
Signature

William Epp
Printed Name

Executive Vice President
Title

04/08/2025
Date

COUNTY:

By: _____
Signature

Printed Name

Title

Date

Attachment:

Exhibit D-1 Rate Schedule

APPROVED

By Christen Eschberger at 10:41 am, Apr 23, 2025

Exhibit D-1 Rate Schedule

No change - rates
verified

Alfred Benesch & Company CR 460	
	RATE SCHEDULE IN PSA EXHIBIT D-1 (per hour)
Principal	\$ 321.00
QA/QC Engineer	\$ 311.00
Senior Project Manager	\$ 311.00
Project Manager	\$ 278.00
Senior Project Engineer	\$ 234.00
Project Engineer	\$ 204.00
Design Engineer	\$ 161.00
EIT	\$ 145.00
Senior Technician	\$ 150.00
Technician	\$ 128.00
Senior CADD Operator	\$ 139.00
CADD Operator	\$ 86.00
Senior Traffic Engineer	\$ 257.00
Traffic Engineer	\$ 209.00
Admin/Clerical	\$ 86.00
DIRECT EXPENSES	
Mileage	IRS Approved rate

Any items not completed in house will be reimbursed based on invoice back-up.

Exhibit D-1 Rate Schedule

New rates - CPI Adjustment
reviewed and verified on
4/17/25

Aguirre & Fields, L.P. CR 460	
	RATE SCHEDULE IN PSA EXHIBIT D-1 (per hour)
Project Manager	\$ 315.00
Sr. QC Reviewer	\$ 268.00
Senior Project Engineer	\$ 265.00
Project Engineer	\$ 199.00
Design Engineer	\$ 173.00
EIT	\$ 123.00
Senior GIS Technician	\$ 189.00
Sr Engineer Technician	\$ 189.00
CADD Operator	\$ 111.00
Admin/Clerical	\$ 95.00
Sr. Structural Engineer	\$ 281.00
Structural Engineer	\$ 195.00
Sr. Drainage Engineer	\$ 281.00
Drainage Engineer	\$ 180.00
Sr. Traffic Engineer	\$ 281.00
Traffic Engineer	\$ 180.00
DIRECT EXPENSES	
Mileage	IRS Approved rate

Any items not completed in house will be reimbursed based on invoice back-up.

Exhibit D-1 Rate Schedule

New rates - CPI
Adjustment reviewed and
verified on 4/17/25

Quiddity Engineering, LLC CR 460	
	RATE SCHEDULE IN PSA EXHIBIT D-1 (per hour)
Practice Leader	\$ 311.00
Professional Engineer V	\$ 287.00
Professional Engineer IV	\$ 268.00
Professional Engineer III	\$ 230.00
Professional Engineer II	\$ 199.00
Professional Engineer I	\$ 174.00
Design Engineer II	\$ 149.00
Design Engineer I	\$ 125.00
Admin II	\$ 93.00
GIS Operator II	\$ 131.00
GIS Operator III	\$ 174.00
Engineer'S Assistant II	\$ 93.00
DIRECT EXPENSES	
Mileage	IRS Approved rate

Any items not completed in house will be reimbursed based on invoice back-up.

Exhibit D-1 Rate Schedule

Murfee Engineering Company, Inc. CR 460	
	RATE SCHEDULE IN PSA EXHIBIT D-1 (per hour)
Principal	\$ 331.00
Managing Engineer	\$ 280.00
Senior Project Manager	\$ 229.00
Project Manager	\$ 204.00
Senior Project Engineer	\$ 188.00
Project Engineer	\$ 173.00
Engineering Technician II	\$ 143.00
Engineering Technician I	\$ 122.00
Senior CAD Design Technician	\$ 168.00
CAD Design Technician	\$ 137.00
Draftsperson	\$ 117.00
Project Administration Manager	\$ 188.00
Project Admin - Construction	\$ 112.00
Technical Admin Assistant/Intern	\$ 102.00
Financial Services	\$ 92.00
Executive Assistant	\$ 76.00
Administrative Assistant	\$ 66.00
DIRECT EXPENSES	
Mileage	IRS Approved rate

Any items not completed in house will be reimbursed based on invoice back-up.

Exhibit D-1 Rate Schedule

New rates - CPI
Adjustment reviewed
and verified on 4/17/25

CLGann, LLC CR 460	
	RATE SCHEDULE IN PSA EXHIBIT D-1 (per hour)
Project Manager	\$ 295.00
Sr. QC Reviewer	\$ 295.00
Senior Project Engineer	\$ 234.00
Project Engineer	\$ 199.00
Design Engineer	\$ 163.00
EIT	\$ 143.00
Sr Engineer Technician	\$ 173.00
CADD Operator	\$ 132.00
Admin/Clerical	\$ 81.00
Sr. Drainage Engineer	\$ 234.00
DIRECT EXPENSES	
Mileage	IRS Approved rate

Any items not completed in house will be reimbursed based on invoice back-up.

Exhibit D-1 Rate Schedule

New rates - CPI
Adjustment reviewed
and verified on 4/17/25

IEA, Inc. CR 460	
	RATE SCHEDULE IN PSA EXHIBIT D-1 (per hour)
Administrative Specialist I (4-8 yrs)	\$ 101.00
Administrative Specialist II (8-12 yrs)	\$ 122.00
Administrative Supervisor II (8-12 yrs)	\$ 132.00
CADD Technician III (10-15 yrs)	\$ 141.00
Supervisory CADD III (12-15 yrs)	\$ 148.00
Supervisory CADD IV (15-20 yrs)	\$ 171.00
Engineering Technician I (1-5 yrs)	\$ 91.00
Engineering Technician II (5-10 yrs)	\$ 111.00
Engineering Technician III (10-15 yrs)	\$ 141.00
Engineering Associate I (0-5 yrs)	\$ 111.00
Engineering Associate II (5-10 yrs)	\$ 118.00
Engineer in Training I (0-5 yrs)	\$ 114.00
Engineer in Training II (5-10 yrs)	\$ 126.00
Professional Engineer I (4-8 yrs)	\$ 152.00
Professional Engineer II (8 -10 yrs)	\$ 172.00
Professional Engineer III (10-15 yrs)	\$ 203.00
Professional Engineer IV (15-20 yrs)	\$ 239.00
Professional Engineer V (20-25 yrs)	\$ 288.00
Professional Engineer VI (25+ yrs)	\$ 323.00
Supervisory Engineer II (10-12 yrs)	\$ 258.00
Supervisory Engineer III (12-15 yrs)	\$ 277.00
Supervisory Engineer IV (15-20 yrs)	\$ 296.00
Managing Engineer III (12-15 yrs)	\$ 293.00
Managing Engineer IV (15-20 yrs)	\$ 320.00
Managing Engineer V (20-25 yrs)	\$ 340.00

Any items not completed in house will be reimbursed based on invoice back-up.

New rates - CPI Adjustment reviewed and verified on 4/17/25

Any items not completed in house will be reimbursed based on invoice back-up.

Exhibit D-1 Rate Schedule

SWCA Environmental Consultants PROJECT	
	RATE SCHEDULE IN PSA EXHIBIT D-1 (per hour)
Subject Matter Expert IV	\$ 298.00
Subject Matter Expert III	\$ 273.00
Subject Matter Expert II	\$ 246.00
Subject Matter Expert I	\$ 234.00
Specialist XII	\$ 230.00
Specialist XI	\$ 211.00
Specialist X	\$ 192.00
Specialist IX	\$ 172.00
Specialist VIII	\$ 161.00
Specialist VII	\$ 150.00
Specialist VI	\$ 139.00
Specialist V	\$ 125.00
Specialist IV	\$ 116.00
Specialist III	\$ 106.00
Specialist II	\$ 93.00
Specialist I	\$ 78.00
DIRECT EXPENSES	
GIS-Grade GPS (per day)	\$ 40.00
Mileage	IRS Approved rate

New rates - CPI
Adjustment reviewed and
verified on 4/17/25

Added GPS as a direct
expense

Any items not completed in house will be reimbursed based on invoice back-up.

Exhibit D-1 Rate Schedule

New rates - CPI
Adjustment reviewed
and verified on
4/17/25

	
B2Z Engineering, LLC	
CR 460	
	RATE SCHEDULE IN PSA EXHIBIT D-1 (per hour)
Project Manager	\$ 280.00
Quality Manager	\$ 255.00
Engineer (Senior)	\$ 244.00
Engineer (Geotechnical)	\$ 224.00
Engineer (Project)	\$ 214.00
Engineer (Design)	\$ 199.00
Engineer-In-Training	\$ 137.00
Engineer Technician - Senior	\$ 148.00
Engineer Technician	\$ 102.00
CADD Operator	\$ 107.00
Administrative/Clerical	\$ 97.00

Any items not completed in house will be reimbursed based on invoice back-up.

Exhibit D-1 Rate Schedule

No change - Rates
verified on 4/17/25



GEOTECHNICAL & CONSTRUCTION MATERIALS TESTING SERVICES

Direct Expenses

Geotechnical Field Services

Mobilization (Drill Rig and Crew)	\$500.00/Day
Stand-By Time	\$220.00/Hr
Texas Cone Penetration Test (Tex-132)	\$7.00/Ea.
Soil Boring / Solid Stem	\$45.00/Lf
Soil Boring / Hollow Stem	\$45.00/Lf
Soil Boring / Mud Rotary	\$45.00/Lf
Support Truck (Dodge 3500 flat bed w/ 500 gallon water tank, diesel tank and tools)	\$2.00/Mi.

Soil Testing

Preparing Soil and Flexible Base Materials for Testing - Tex-101-E	\$90.00/Ea.
Moisture Content Determination - ASTM D2216/Tex-103-E	\$25.00/Ea.
Determination of Liquid Limit of Soils - Tex-104-E	\$55.00/Ea.
Determination of Plastic Limit of Soils - Tex-105-E	\$55.00/Ea.
Determination of Plasticity Index of Soils - Tex-106-E	\$55.00/Ea.
Atterberg Limits of Soils - ASTM D 4318	\$145.00/Ea.
Bar Linear Shrinkage of Soils - Tex-107-E	\$55.00/Ea.
Particle Size Analysis of Soils (Gradation) - ASTM D 422/Tex-110-E	\$95.00/Ea.
Material Finer #200 Sieve - ASTM D 1140/Tex-111-E	\$65.00/Ea.
Lime Series Testing (PI Relation) - Tex-112-E	\$245.00/Ea.
Lime Series Testing (pH Relation) - Tex-121-E (Part III)	\$420.00/Ea.
Moisture-Density Relationship (TxDOT) - Tex-113-E /Tex-114-E	\$245.00/Ea.
Standard Proctor - ASTM D 698	\$245.00/Ea.
Modified Proctor - ASTM D 1557	\$245.00/Ea.
Field Density Test (Nuclear) (Equipment charge) - ASTM D 6938/Tex-115-E	\$25.00/Ea.
Determination of Soil pH - Tex-128-E	\$80.00/Ea.
Soil-Lime Testing - Tex-121-E (Part I)	\$195.00/Ea.
Resistivity of Soils - Tex-129-E	\$130.00/Ea.
Sulfate Content of Soils - Tex-145-E	\$105.00/Ea.
Organic Content of Soils - Tex-148-E	\$70.00/Ea.
Texas Wet Ball Mill (Material Quality) - Tex-116-E	\$275.00/Ea.
Triaxial Compression (Dist. Soil & Base) - Tex-117-E	\$2,400.00/Ea.
Unconfined Compression-Soil - ASTM D 2166	\$75.00/Ea.
Uniaxial Compression-Rock - ASTM D 7012	\$85.00/Ea.
Consolidation Test - ASTM D 2435	\$650.00/Ea.
Pulverization Gradation - Tex-101-E (Part III)	\$150.00/Ea.
Mechanical Grain Analysis ASTM D 6913	\$150.00/Ea.
Organic Content Determination (Ignition) ASTM D 2974	\$80.00/Ea.

Coarse & Fine Aggregate Quality Testing

Sieve Analysis (Dry)(4 Sieves) - ASTM C 136/Tex-200-F	\$75.00/Ea.
Sieve Analysis (Washed)(4 Sieve) - ASTM C 136/Tex-200-F	\$90.00/Ea.
Sieve Analysis (Conc. Aggregate)(5 Sieve) - Tex-401-A	\$105.00/Ea.
Sieve Analysis (Additional Sieves) - All Methods	\$25.00/Ea.
Deleterious Material (Coarse Aggr.) - Tex-217-F (Part I)	\$70.00/Ea.
Deleterious Material (Concrete Aggr.) - Tex-413-A	\$70.00/Ea.
Decantation (Coarse Aggr.) - Tex-217-F (Part II)	\$70.00/Ea.

Exhibit D-1 Rate Schedule



Decantation Test (Fine Aggr. - Conc.) - ASTM C 117/Tex-406-A	\$70.00/Ea.
Specific Gravity/Absorp. (Conc. Aggr) - ASTM C127/Tex-403-A	\$100.00/Ea.
L.A. Abrasion - ASTM C13/ Tex-410-A	\$550.00/Ea.
Soundness (5 Cycle Magnesium Sulfate) - ASTM C 88/Tex-411-A	\$550.00/Ea.
SSD Unit Weight of Aggregates - ASTM C29/Tex-404-A	\$95.00/Ea.
Percent Voids/Solids in Conc. Aggr. - Tex-405-A	\$25.00/Ea.
*(In Conjunction w/ SSD Unit Wt of Aggregates)	
Sand Equivalent - ASTM D 2419/Tex-203-F	\$100.00/Ea.
Specific Gravity / Absorption (Fine Aggr.) - ASTM C 128/Tex -403-A	\$85.00/Ea.
Organic Impurities in Fine Aggregate -ASTM C 87/Tex -408-A	\$70.00/Ea.
Fineness Modulus of Fine Aggregate - Tex-402-A	\$25.00/Ea.
Flat & Elongated Particles (Coarse Aggr.) - Tex-280-F	\$70.00/Ea.
Coarse Aggr. Crushed Face (Coarse Aggr.) - Tex-460-A (Part I)	\$70.00/Ea.
Acid Insoluble of Fine Aggregate - Tex-612-J	\$100.00/Ea.
<u>Pavement Testing (Mix & Roadway) / Asphalt Quality</u>	
Sieve Analysis (Paving Mix Gradation) - Tex-236-F/Tex-200-F	\$105.00/Ea.
Bulk Specific Gravity and Water Absorption of Aggregates – Tex-201-F	\$120.00/Ea.
Lab Method of Mixing Bituminous Mixtures (set of 3) – Tex-205-F	\$170.00/Ea.
Compacting Specimens Using the Texas Gyrotory Compactor (set of 3) - Tex-206-F	\$105.00/Ea.
Bituminous Mixtures – Tex-235-F	\$75.00/Ea.
Asphalt Content - Tex-236-F	\$110.00/Ea.
Voids in Mineral Aggr. (VMA) - Tex-207-F	\$100.00/Ea.
Boil Test (Effect of Water on Paving Mix) - Tex-530-C/Tex-531-C	\$100.00/Ea.
Indirect Tensile Strength Test - Tex-226-F	\$75.00/Ea.
Moisture Content (Paving Mix) - Tex-212-F (Part II)	\$22.00/Ea.
Lab Molded Density - Tex-207-F	\$105.00/Ea.
Hamburg Wheel Tracker - Tex-242-F	\$1,200.00/Ea.
Field Coring – ACP Thickness - ASTM D 3549	\$90.00/Ea.
Pavement Thickness Det. (Full Depth) - ASTM D 3549	\$105.00/Ea.
Density of Cores (4 or 6 inch) (Set of 2) - Tex-207-F	\$100.00/Ea.
In-Place Air Voids - Tex-207-F	\$35.00/Ea.
Maximum Theoretical SPG (Rice Gravity) - Tex-227-F	\$105.00/Ea.
Extraction/Sieve Analysis/Asphalt Content - Tex-210-F/Tex-200-F	\$275.00/Ea.
Asphalt Rolling Pattern (Nuclear Method) - Tex-207-F (Part IV)	\$60.00/Ea.
Segregation Profile - Tex-207-F (Part V)	\$345.00/Ea.
Joint Density - Tex-207-F (Part VII)	\$345.00/Ea.
Tack Coat Adhesion - Tex-243-F	\$125.00/Ea.
Thermal Profile - Tex-244-F	\$240.00/Ea.
Ride Quality - Tex-1001-S	By Quote
<u>Concrete/Masonry Field & Laboratory Testing</u>	
Capping Cyl. Concrete Specimen – Tex-450-A	\$25.00/Ea.
Compressive Strength of Cyl. Specimen - ASTM C 39/Tex-418-A	\$35.00/Ea.
Grout Prism Prep./Cure/Comp. Strength - ASTM C 39	\$45.00/Ea.
Mortar Cube Prep./Cure/Comp. Strength - ASTM C 109	\$45.00/Ea.
Masonry Unit Prep. /Comp. Str. (Set of 3) - ASTM C 140	\$275.00/Ea.
Masonry Unit SPG/Abs./Unit Wt. (Set of 3) - ASTM C 140	\$275.00/Ea.

Exhibit D-1 Rate Schedule



Miscellaneous Testing

Drilled Shaft Slurry Density - Tex-130-E (Part II)	\$45.00/Ea.
Drilled Shaft Slurry Sand Content - Tex-130-E (Part III)	\$45.00/Ea.
Drilled Shaft Slurry Viscosity - Tex-130-E (Part IV)	\$45.00/Ea.
Lime (Compliance with DMS 6350) (Tex-600-J)	\$340.00/Ea.
Asphalt Binder (Compliance with DMS-6310)	\$550.00/Ea.

Exhibit D-1 Rate Schedule

Surveying and Mapping LLC, SAM LLC



STANDARD RATE SCHEDULE
AUSTIN 2024

Effective January 1, 2024

SURVEY OFFICE PERSONNEL RATES:

Principal/Department Manager	\$300.00 per hour
Senior Project Manager	\$250.00 per hour
Project Manager	\$205.00 per hour
Staff Surveyor	\$190.00 per hour
Phase Manager	\$170.00 per hour
Project Coordinator	\$150.00 per hour
Senior Survey Technician	\$135.00 per hour
Survey Technician	\$120.00 per hour
Project Specialist	\$125.00 per hour
Administration / Clerical Support	\$105.00 per hour

SURVEY FIELD CREW RATES:

One (1) Person Survey Field Crew	\$135.00 per hour
Two (2) Person Survey Field Crew	\$185.00 per hour
Three (3) Person Survey Field Crew	\$260.00 per hour
Field Coordinator	\$140.00 per hour
Field Ops Manager	\$195.00 per hour
Additional Rodperson, Chainperson or Flagperson	\$80.00 per hour

GEOSPATIAL OFFICE PERSONNEL RATES:

Director/Operations Manager	\$360.00 per hour
Senior Project Manager	\$275.00 per hour
Acquisition Manager	\$240.00 per hour
Project Manager	\$210.00 per hour
Aircraft Pilot	\$205.00 per hour
Two (2) Person UAS Crew – Unmanned Pilot & Observer	\$235.00 per hour
Three (3) Person UAS Crew – Unmanned Pilot & 2 Observers	\$365.00 per hour
Photogrammetrist / Project Lead /sensor operator (Tech3)	\$135.00 per hour
Acquisition / Calibration / Aerial Triangulation Technician (Tech2)	\$120.00 per hour
LiDAR / Photogrammetry Technician (Tech1)	\$105.00 per hour

SURVEY EQUIPMENT RATES:

GPS Receiver	\$10.00 per hour
ATV	\$25.00 per hour
SX-10	\$35.00 per hour
Digital Level	\$5.00 per hour
Aluminum Boat	\$15.00 per hour
VM810 Survey	\$5.75 per hour
RD8100 Survey	\$11.25 per hour
SPAR 300 Kit	\$5.00 per hour
Weather Station	\$6.00 per hour
Tier 1 HDS Scanner (BLK360 & Faro)	\$33.00 per hour
Robotic Total Station S-7	\$20.00 per hour
Robotic Total Station S-9	\$20.00 per hour

Exhibit D-1 Rate Schedule

Surveying and Mapping LLC, SAM LLC



GEOSPATIAL EQUIPMENT RATES:

Riegl VQ 1560I or 1560II LiDAR System	\$1,300.00 per hour
Riegl VQ 480II or 780I LiDAR System	\$1,000.00 per hour
Mobile Mapping System, includes 360° Camera System (Equipment Only)	\$1,000.00 per hour
Mobile Mapping Equipment Stand-by Fee (Equipment Only)	\$200.00 per hour
HDS Laser Scanner	\$100.00 per hour
High Rail Equipped Vehicle	\$10.00 per hour
Oblique HD Camera System	\$30.00 per hour
Video Camera System – Manned Aircraft	\$5.00 per hour
360° Camera System – Terrestrial or Marine Stand Alone	\$100.00 per hour
Helicopter (Turbine Engine Powered)	\$1,450.00 per hour
Helicopter (Reciprocal Engine Powered)	\$850.00 per hour
Fixed Wing Twin Engine piston	\$1,300.00 per hour
Fixed Wing Single Engine (piston)	\$750.00 per hour
Fixed wing single engine turbine	\$1400.00 per hour
M600 or equivalent multirotor Unmanned Aerial System	\$750.00 per hour
GPS Receiver (Unmanned)	\$10.00 per hour
Geospatial Work Station	\$15.00 per hour
Digital Imagery Processing	\$32.00 each
Aerial Photography Flight Crew (Fixed Wing Aircraft)	\$205.00 per hour
LiDAR Flight Crew Fixed Wing Aircraft (Includes Pilot and LiDAR Operator)	\$120.00 per hour
Helicopter Flight Crew (Includes Pilot and LiDAR Operator)	\$325.00 per hour
AP Transit Miles	\$12.00 per mile
AP Project Flight Miles	\$32.00 per mile
AP ABGPS Processing	\$3,000.00/Project
FWAL Transit Miles	\$12.00 per mile
FWAL Project Flight Miles	\$32.00 per mile
B&W Processing (film, development, scanning)	\$10.00 each
CIR Processing (film, development, scanning)	\$10.00 each
Color Processing (Film, development, scanning)	\$15.00 each
Digital Image Processing	\$27.00 each

OTHER DIRECT RATES:

Mileage	IRS approved rate
Primary Control Monuments	\$90.00 each
Ground Target	\$20.00 each