

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

This Contract Amendment No. 01 to Williamson County Contract for Engineering Services ("Amendment No. 01") is by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Arias & Associates, Inc. (the "Engineer").

RECITALS

WHEREAS, the County and the Engineer previously executed that certain Contract for Engineering Services (the "Contract"), being dated effective December 20, 2022, wherein Engineer agreed to perform certain professional engineering services in connection with the On-Call Materials Testing & Geotechnical Engineering Services (22RFSQ147) ("Project");

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. Amendment to Exhibit D - Rate Schedule

County and Engineer hereby agree the Rate Schedule attached hereto as Attachment 1 shall supplant and replace the current Rate Schedule and become effective as of the last party's execution below.

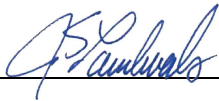
II. Terms of Contract Control and Extent of Amendment No. 01

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

Engineer:

Arias & Associates, Inc.

By: 

Printed Name: John S. Landwermeyer, P.E.

Title: Managing Principal, Austin Operations

Date: August 22, 2024

COUNTY:

Williamson County, Texas

By: 
Bill Gravell (Sep 11, 2024 07:16 CDT)

Printed Name: Bill Gravell

Title: County Judge

Date: _____, 20____

APPROVED

By Christen Eschberger at 11:22 am, Sep 05, 2024

Attachment 1

CPI ADJUSTMENT CALCULATION

BASE (1982-84) = 100

100

DEC 2022 PSA SIGNED

288.205

JUL 2024 (LATEST DATA)

305.819

DELTA

6.11%

ARIAS & ASSOCIATES, INC.		
22RFSQ147 On-Call Materials & Geotechnical Engineering Services		
	RATE SCHEDULE IN PSA EXHIBIT D (per hour)	PROPOSED RATE (per hour)
DIRECT LABOR		
Principal Engineer (Geotechnical)	\$ 250.00	\$ 265.00
6.1 Engineer (Material Testing)	\$ 210.00	\$ 223.00
Senior Geotechnical Engineer	\$ 195.00	\$ 207.00
6.2 Manager (Material Testing)	\$ 150.00	\$ 159.00
Engineer (Geotechnical)	\$ 140.00	\$ 149.00
Engineer In Training (Geotechnical)	\$ 100.00	\$ 106.00
Engineering Associate, Graduate Engineer (Geotechnical)	\$ 85.00	\$ 90.00
Laboratory Manager (Geotechnical)	\$ 85.00	\$ 90.00
Engineering Technician (Geotechnical)	\$ 75.00	\$ 80.00
6.3 Data Processing and Reporting	\$ 65.00	\$ 69.00
1.1 Field Technician (Drilled Shafts, Rebar, Concrete, Soils, Sample Pick Up)	\$ 55.00	\$ 58.00
1.2 Senior Field Technician (Upon request)	\$ 65.00	\$ 69.00
1.3 Asphalt Technician	\$ 70.00	\$ 74.00
1.4 Structural Steel Observation Technician	\$ 115.00	\$ 122.00
UNIT COSTS - Material Testing Field Testing		
1.5 Nuclear Gauge for Soil Density Testing	\$ 65.00	per day
1.6 Construction Truck (Travis / Williamson Counties)	\$ 55.00	per day
1.7 Asphalt Coring Equipment	\$ 110.00	per day
1.8 Concrete Air Content Test	\$ 25.00	each
UNIT COSTS - Material Testing Laboratory Testing		
2.1 Atterberg Limits Determination	\$ 85.00	each
2.2 Sieve Analysis (wet sieve)	\$ 85.00	each
2.3 Percent Passing No. 200 Sieve	\$ 65.00	each
2.4 Moisture Density Relationship (Tex-114-E, ASTM D698)	\$ 200.00	each
2.5 Moisture Density Relationship (Tex-113-E, ASTM D1557)	\$ 220.00	each
2.6 Wet Ball Mill (Tex-115-E)	\$ 200.00	each
2.7 Texas Triaxial (Tex-117-E, Part II)	\$ 1,200.00	each
2.8 Sample Preparation (Flexible Base, Coarse Grain, or +3/4" rock), (Tex-101-E)	\$ 120.00	each
3.1 Concrete (Grout, Flowable Fill) Compression Test Cylinders	\$ 20.00	each
3.2 Contractor Made Concrete Compressive Test Cylinders, minimum of 3	\$ 40.00	each
3.3 Concrete Core Compression Test	\$ 40.00	each
3.4 Grout Prism Compression Test	\$ 40.00	each
3.5 Mortar Cube/Cylinder Compression Test	\$ 30.00	each
4.1 Maximum Theoretical Density	\$ 95.00	each
4.2 Asphalt Content and aggregate gradation	\$ 185.00	each
4.3 Asphaltic Concrete Density of Field Core	\$ 75.00	each
4.4 Asphalt Laboratory Molded Density (3 per set)	\$ 170.00	set
5.1 Aggregate Specific Gravity / Absorption	\$ 75.00	each
5.2 Aggregate Sieve Analysis	\$ 75.00	each
5.3 Dry Rodded Unit Weight	\$ 85.00	each
5.4 Soundness	\$ 165.00	each

UNIT COSTS - Geotechnical Field Services		
Mobilization Charge - Drilling Equipment (Austin area) – Per Day	\$ 550.00	per day
Soil Drilling and Sampling – Up to 50 Feet – Per Foot	\$ 23.00	per foot
Soil Drilling and Sampling – 50 to 100 Feet – Per Foot	\$ 29.00	per foot
Shelby Tube Sampling (Additional Samples) – Each	\$ 35.00	each
Standard Penetration Test (SPT), (Additional Samples) – Each	\$ 35.00	each
Texas Cone Penetration (TCP) – Each	\$ 35.00	each
Rock Coring – Up to 50 Feet – Per Foot	\$ 35.00	per foot
Rock Coring – 50 to 100 Feet – Per Foot	\$ 40.00	per foot
Patch Holes – Concrete/Asphalt – Each	\$ 75.00	each
Grout Borehole – Per Foot	\$ 15.00	per foot
Backfill Borehole (Cuttings/Bentonite) – Per Foot	\$ 8.00	per foot
Drilling Rig Standby – Per Hour	\$ 250.00	per hour
UNIT COSTS - Geotechnical Laboratory Testing		
Moisture Content Test – Each	\$ 15.00	each
Atterberg Limits Determination (ASTM D4318) – Each	\$ 85.00	each
Grain Size Analysis Mechanical (ASTM D422) – Each	\$ 85.00	each
Hydrometer Analysis (ASTM D422) – Each	\$ 155.00	each
Percent Passing No. 200 Sieve (ASTM D1140) – Each	\$ 60.00	each
Moisture Density Relationship (ASTM or TEX) – Each	\$ 250.00	each
Pressure Swell Relationship – Each	\$ 175.00	each
Percent Swell Test – Each	\$ 75.00	each
Unconfined Compressive Strength (Soil) – Each	\$ 85.00	each
Unconfined Compressive Strength w/o Stress vs. Strain (Rock) – Each	\$ 85.00	each
Undrained Compressive Strength Triaxial (Soil) – Each	\$ 95.00	each
One-Dimensional Consolidation (ASTM D2435) - Each	\$ 600.00	each
Sulfate Test (ASTM D1580) – Each	\$ 65.00	each
Soil pH Test (ASTM D4972) – Each	\$ 55.00	each
Chloride Content	\$ 90.00	each
Sulfides	\$ 85.00	each
Redox Potential	\$ 75.00	each
Pinhole Dispersion	\$ 200.00	each
Crumb Test (ASTM D6572) – Each	\$ 45.00	each

No change in Unit Costs. CPI increase only applied to Direct Labor Rates