

WORK AUTHORIZATION NO. 1

**WILLIAMSON COUNTY ROAD & BRIDGE PROJECT:
On-Call Traffic Engineering Services**

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated March 19, 2024 and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Kimley-Horn and Associates, Inc. (the "Engineer").

Part 1. The Engineer will provide the following Engineering Services set forth in Attachment "B" of this Work Authorization.

Part 2. The maximum amount payable for services under this Work Authorization without modification is \$50,000.00.

Part 3. Payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the Contract.

Part 4. This Work Authorization shall become effective on the date of final acceptance and full execution of the parties hereto and shall terminate on December 31, 2026. The Engineering Services set forth in Attachment "B" of this Work Authorization shall be fully completed on or before said date unless extended by a Supplemental Work Authorization.

Part 5. This Work Authorization does not waive the parties' responsibilities and obligations provided under the Contract.

Part 6. County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Work Authorization. Engineer understands and agrees that County's payment of amounts under this Work Authorization is contingent on the County receiving appropriations or other expenditure authority sufficient to allow the County, in the exercise of reasonable administrative discretion, to continue to make payments under this Contract. It is further understood and agreed by Engineer that County shall have the right to terminate this Contract at the end of any County fiscal year if the governing body of County does not appropriate sufficient funds as determined by County's budget for the fiscal year in question. County may effect such termination by giving written notice of termination to Engineer.

Part 7. This Work Authorization is hereby accepted and acknowledged below.

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EXECUTED this _____.

ENGINEER:

Kimley-Horn and Associates, Inc.

COUNTY:

Williamson County, Texas

By:  _____
Signature

By: _____
Signature

Trey Neal

Printed Name

Printed Name

Vice President

Title

Title

LIST OF ATTACHMENTS

Attachment A - Services to be Provided by County

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule

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**ATTACHMENT A
Services to be provided by the County**

Williamson County will provide a Project Manager and will provide timely reviews and decisions necessary to enable the Engineer to maintain an agreed upon project schedule.

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**ATTACHMENT B
Services to be provided by the Engineer**

Services will be addressed as requested by Williamson County on a time and material basis.

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**ATTACHMENT C
Work Schedule**

The Engineer will provide a work schedule for the assigned tasks.

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**ATTACHMENT D
Fee Schedule**

RATE SCHEDULE

Kimley-Horn and Associates, Inc.

Direct Labor	Rate (per hour)
Analyst	\$185.00
Professional	\$225.00
Senior Engineer I / Senior Professional I	\$265.00
Senior Engineer II / Senior Professional II	\$325.00
Senior Designer	\$195.00
CAD Technician	\$150.00
Senior Support Staff	\$145.00
Support Staff	\$125.00
Direct Expenses	Rate & Unit of Measure
Postage & shipping (metered/bulk)	\$180.00 per month
Materials and shipping	\$50.00 per package
Overnight mail – oversized box	\$50.00 per each
Courier services	\$50.00 per each
Photocopies B/W (8.5”x11”)	\$0.15 per each
Photocopies B/W (11”x17”)	\$0.25 per each
Photocopies color (8.5”x11”)	\$1.00 per each
Photocopies color (11”x17”)	\$1.50 per each
Digital ortho plotting	\$3.00 per sheet
Plots (B/W on bond)	\$1.50 per square foot
Plots (color on bond)	\$3.00 per square foot
Plots (color on photographic paper)	\$7.50 per square foot
Color graphics on foam board	\$7.50 per square foot
Presentation board up to 48”x60” color mounted	\$100.00 per each
Outside printing – reports (includes labor and supplies)	\$75.00 per each
Report binding and tabbing (includes labor and supplies)	\$20.00 per each
Reproduction of CD/DVD	\$40.00 per each
CDs/DVDs	\$2.50 per each
Cardstock color (8.5”x11”)	\$2.50 per each
4”x6” digital color print	\$1.00 per each
Historical aerial images (photographs, negatives, maps)	\$125.00 per each
Aerial photographs (1” = 500’ scale)	\$100.00 per each
Maps and map records	\$2.50 per each
Environmental field supplies (lathes, stakes, flagging, spray)	\$60.00 per day

paint, etc.)	
Noise meter rental	\$100.00 per day
GPS receiver (rates applied to actual time GPS units are in use)	\$30.00 per hour

Quality Counts, LLC

Turning Movement Counts	Cost	Additional Hour
2 Hour Minor Intersection	\$180.00	\$55.00
2 Hour Major Intersection	\$280.00	\$95.00
Extended Duration Counts	Cost	
13-Hour Minor Intersection	\$785.00	
13-Hour Major Intersection	\$1,325.00	
24-Hour Minor Intersection	\$1,390.00	
24-Hour Major Intersection	\$2,370.00	
ATR	1st 24 Hours	Each Additional Day
Volume ADT (1-3 Lanes)	\$220.00	\$90.00
Volume ADT (4+ Lanes)	\$440.00	\$160.00
Volume/Speed/Class ADT (1-3 Lanes)	\$240.00	\$110.00
Volume/Speed/Class ADT (4+ Lanes)	\$480.00	\$220.00
Mainline Radar (Volume/Length/Speed)	\$725.00	\$150.00
Unique Studies	Cost	Unit of Cost
Spot Speed Study (Hand Held Radar)	\$280.00	2 hours or 125 cars each direction
Stop Sign Delay Study	\$210.00	Per Hour

McGray & McGray Land Surveyors, Inc.

Conventional Field Crew Services	Rate (per hour)
1 man reconnaissance or data gathering	\$140.00
2 man survey crew, with vehicle and data collection	\$190.00
3 man survey crew, with vehicle and data collection	\$225.00
Fixed wing flight crew (includes pilot and sensor operator)	\$225.00
Helicopter flight crew (includes pilot and sensor operator)	\$225.00
There is a minimum charge of 4 hours for above field crew services (unless otherwise agreed).	
Office/Professional/Technical Services	Rate (per hour)
Project Manager	\$201.50
GIS Technician – Senior	\$107.17
GIS Technician	\$87.32
Abstractor	\$85.97
Surveyor (RPLS) Senior	\$188.06
Surveyor (RPLS)	\$166.57
Survey Technician (Surveyor-In-Training) – SIT	\$115.53

Survey Technician	\$95.38
Certified Photogrammetrist	\$107.47
Aerial Mapping Technician	\$94.03
Aerial Office Technician	\$90.00
Aerial Processing Technician	\$91.35
LiDAR Task Lead	\$107.47
LiDAR Mapping Technician (Aerial)	\$96.72
LiDAR Office Technician (Aerial)	\$96.72
LiDAR Processing Technician (Helicopter, Fixed Wing, Mobile, UAS, Terrestrial)	\$96.72
Mapping Editor (includes QA/QC, Finishing & Finalization)	\$102.09
Orthophoto Specialist	\$91.35
Survey Field Crew Coordinator	\$91.35
Project Coordinator – Acquisition (Helicopter, Fixed Wing, Mobile, UAS, Terrestrial)	\$107.47
Project Coordinator – Helicopter, Fixed Wing, Mobile, UAS, Terrestrial	\$107.47
Administrative/Clerical	\$85.97
Specialized Equipment	
ATV (All-Terrain Vehicle)	\$85.00 per day
Additional Survey Vehicle	\$100.00 per day
LiDAR Terrestrial Scanner	\$100.00 per hour
UAV (Drone) Aerial Mapper	\$5,000.00 per day
Mobile Mapper	\$9,000.00 per day
Unusual equipment or additional service providers will be charged at cost.	

CPI Rate Adjustments: Rates will remain firm for the initial first year of the Contract and such rates shall be deemed the “Initial Base Rates”. Engineer must request rate adjustments, in writing, at least thirty (30) days prior to each annual anniversary date of the Contract and any rate changes will take effect on the first day following the prior year. If Engineer fails to request a CPI rate adjustment, as set forth herein, the adjustment will be effective thirty (30) days after the County receives Engineer’s written request. No retroactive rate adjustments will be allowed.

Price adjustments will be made in accordance with changes in the U.S. Department of Labor Consumer Price Index (CPI-U) for All Urban Consumers, All Items, South Region (Base 1982-84 = 100).

The rate adjustment will be determined by multiplying the Initial Base Rates by a fraction, the numerator of which is the index number for most recently released index before each annual anniversary date of the Contract and the denominator of which is the index number for the first month of the Contract (the index number for the month in which the Contract was originally executed). If the products are greater than the Initial Base Rates, County will pay the greater amounts as the rates during the successive year until the next rate adjustment. Rates for each successive year will never be less than the Initial Base Rates.