

WORK AUTHORIZATION NO. 1

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 10, 2020** and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and **HDR Engineering, 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 **\$25,000.00.**

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 **September 30, 2022.** 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.

EXECUTED this ____ day of _____, 2020.

ENGINEER:

HDR Engineering, Inc.

By: 
Signature

Mark D. Borenstein, PE
Printed Name

Vice President
Title

COUNTY:

Williamson County, Texas

By: _____
Signature

Bill Gravell, Jr.
Printed Name

Williamson County Judge
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

Attachment A - Services to be Provided by 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.

Attachment B - Services to be Provided by Engineer

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

Attachment C - Work Schedule

Work shall begin immediately upon receipt of agreement between County and HDR Engineering, Inc. on the work schedule and authorization to proceed on assigned services. HDR Engineering, Inc. will provide a work schedule for the assigned tasks.

Attachment D - Fee Schedule

Please see next page.

EXHIBIT D

RATE SCHEDULE

HDR ENGINEERING, INC.

Principal/Vice President	\$ 320.00	per hour
Project Manager	\$ 275.00	per hour
Senior Engineer	\$ 240.00	per hour
Project Engineer	\$ 160.00	per hour
Design Engineer	\$ 140.00	per hour
EIT	\$ 120.00	per hour
CADD Technician	\$ 110.00	per hour
Senior CADD Technician	\$ 150.00	per hour
Senior Environmental Project Manager	\$ 250.00	per hour
Senior Environmental Planner	\$ 175.00	per hour
Senior Environmental Scientist	\$ 140.00	per hour
Environmental Scientist	\$ 100.00	per hour
Senior GIS Specialist	\$ 160.00	per hour
GIS Specialist	\$ 130.00	Per hour
Admin/Clerical	\$ 90.00	per hour

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GRAM TRAFFIC COUNTING, INC.

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Project Manager	\$63.73	per hour
Field Supervisor	\$62.96	per hour
Administrative	\$36.86	per hour
Traffic Tech	\$35.65	per hour

Automated Counts (as of 01/01/2020)	Unit	Cost
Bi-Directional Volume Counts	24 Hours	\$ 175.00
Bi-Directional Volume Counts - Additional 24 hours at same location	24 Hours	\$ 125.00
Uni-Directional Volume Counts	24 Hours	\$ 150.00
Uni-Directional Volume Counts - Additional 24 hours at same location	24 Hours	\$ 110.00
Speed Counts	24 Hours	\$ 225.00
Speed Counts - Additional 24 hours at same location	24 Hours	\$ 175.00
Classification Counts	24 Hours	\$ 225.00
Classification Counts - Additional 24 hours at same location	24 Hours	\$ 175.00
Urban Main Lane Volume Counts (per counter)	24 Hours	\$ 400.00
Urban Main Lane Volume Counts (per counter) - Additional 24 hours at same location	24 Hours	\$ 325.00
Rural Main Lane Volume Counts (per counter)	24 Hours	\$ 300.00
Rural Main Lane Volume Counts (per counter) - Additional 24 hours at same location	24 Hours	\$ 250.00
Urban Main Lane Speed & Classification Counts (per counter)	24 Hours	\$ 450.00
Urban Main Lane Speed & Classification Counts (per counter) - Additional 24 hours at same location	24 Hours	\$ 375.00
Rural Main Lane Speed & Classification Counts (per counter)	24 Hours	\$ 450.00
Rural Main Lane Speed & Classification Counts (per counter) - Additional 24 hours at same location	24 Hours	\$ 300.00
Video Lane and TMC Counts (as of 01/01/2020)	Unit	Cost
Video Turning Movement Count (Vehicles, Heavy Vehicles & Pedestrians)		
Video Turning Movement Count-12 Hour (Per Camera Unit)	12 Hours	\$ 800.00
Video Turning Movement Count-Additional 12 Hour (Per Camera Unit)	12 Hours	\$ 600.00
Video Turning Movement Count-24 Hour (Per Camera Unit)	24 Hours	\$ 1,000.00
Video Turning Movement Count-Additional 24 Hour (Per Camera Unit)	24 Hours	\$ 800.00
Video Turning Movement Count Peak Hours [2 Hour-AM-Midday-PM] - (Per Camera Unit)	Hourly	\$ 85.00
Video Bi-Directional Volume Counts-(Per Camera Unit)	24 Hours	\$ 725.00
Video Bi-Directional Volume Counts - (Per Camera Unit) Additional 24 hours at same location	24 Hours	\$ 650.00
Video Bi-Directional Volume Counts -(Per Camera Unit)	Per Hour	\$ 40.00
Video Uni-Directional Volume Counts-(Per Camera Unit)	24 Hours	\$ 675.00
Video Uni-Directional Volume Counts -(Per Camera Unit) Additional 24 hours at same location	24 Hours	\$ 600.00
Video Uni-Directional Volume Counts -(Per Camera Unit)	Per Hour	\$ 35.00
Video Classification Counts-(Per Camera Unit)	24 Hours	\$ 850.00
Video Classification Counts -(Per Camera Unit) Additional 24 hours at same location	24 Hours	\$ 725.00
Video Classification Counts -(Per Camera Unit)	Per Hour	\$ 45.00
Video Urban Main Lane Volume Counts (Per Camera Unit)	24 Hours	\$ 775.00

Video Urban Main Lane Volume Counts (Per Camera Unit) - Additional 24 hours at same location	24 Hours	\$ 700.00
Video Urban Main Lane Volume Counts -(Per Camera Unit)	Per Hour	\$ 42.50
Video Rural Main Lane Volume Counts (Per Camera Unit)	24 Hours	\$ 725.00
Video Rural Main Lane Volume Counts (Per Camera Unit) - Additional 24 hours at same location	24 Hours	\$ 650.00
Video Rural Main Lane Volume Counts -(per counter)	Per Hour	\$ 37.50
License Plate Capture (per lane)	Hourly	\$ 400.00
Manual Counts	Unit	Cost
Ball Bank Studies (Per Person)	Hourly	\$ 85.00
Radar Studies (2 hours or 125 vehicle capture)	Per Location	\$ 165.00
Travel Time Runs (Mileage not included)	Per Run	\$ 165.00
Miscellaneous	Unit	Cost
Traffic Control Plan Setup	Daily	\$ 1,250.00

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INLAND GEODETICS, LLC.

Field Crew Services

Two (2) Person Field Crew	\$150.00 per hour
Three (3) Person Field Crew	\$170.00 per hour
Four (4) Person Field Crew	\$190.00 per hour
Additional Crewmember	\$ 54.00 per hour
GPS Field Operator & Vehicle & GPS Receiver	\$120.00 per hour
All Terrain Vehicle	\$ 55.00 per day
Additional Vehicle	\$ 60.00 per day

Office Personnel Services

Office personnel are available at fixed hourly rates.

Project Manager	\$140.00 per hour
Licensed State Land Surveyor	\$150.00 per hour
Registered Professional Land Surveyor	\$135.00 per hour
Survey Technician	\$102.00 per hour
Clerical Support	\$ 58.00 per hour

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