

WORK AUTHORIZATION NO. 1
PROJECT: On Call Professional Surveying Services

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Surveying Services, being dated May 19, 2020 and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Surveying And Mapping, LLC (the "Surveyor").

Part 1. The Surveyor will provide the following Surveying 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 Surveyor 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 May 31, 2022. The Surveying 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. Surveyor 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 Surveyor 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 Surveyor.

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

EXECUTED this ____ day of _____, 2020.

SURVEYOR:

Surveying And Mapping, LLC (SAM, LLC)

By: Scott C. Brashear
Signature

Scott Brashear

Printed Name

Project Manager

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 Surveyor

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 Surveyor to maintain an agreed upon project schedule.

Attachment B - Services to be Provided by Surveyor

Surveyor will perform field and office work to provide Professional Surveying Services on an On Call basis as needed for survey tasks.

Attachment C - Work Schedule

Work shall begin immediately upon receipt of executed agreement between County and Surveyor.

Attachment D - Fee Schedule



STANDARD RATE SCHEDULE
AUSTIN 2020

Effective January 1, 2020

SURVEY OFFICE PERSONNEL RATES:

Principal/Department Manager	\$200.00 per hour
Senior Project Manager	\$180.00 per hour
Project Manager	\$160.00 per hour
Staff Surveyor	\$135.00 per hour
Task Manager	\$135.00 per hour
Project Coordinator	\$115.00 per hour
Surveyor-In-Training (SIT)	\$110.00 per hour
Senior Survey Technician	\$110.00 per hour
Survey Technician	\$98.00 per hour
Administration / Clerical Support	\$75.00 per hour

SURVEY FIELD CREW RATES:

One (1) Person Survey Field Crew	\$115.00 per hour
Two (2) Person Survey Field Crew	\$155.00 per hour
Three (3) Person Survey Field Crew	\$195.00 per hour
Field Coordinator	\$105.00 per hour
Additional Rodperson, Chainperson or Flagperson	\$40.00 per hour

GEOSPATIAL OFFICE PERSONNEL RATES:

Director/Operations Manager	\$300.00 per hour
Senior Project Manager	\$225.00 per hour
Acquisition Manager	\$215.00 per hour
Project Manager	\$175.00 per hour
Aircraft Pilot	\$205.00 per hour
Project Coordinator	\$125.00 per hour
Two (2) Person UAS Crew – Unmanned Pilot & Observer	\$215.00 per hour
Three (3) Person UAS Crew – Unmanned Pilot & 2 Observers	\$350.00 per hour
Photogrammetrist / Project Lead /sensor operator (Tech3)	\$125.00 per hour
Acquisition / Calibration / Aerial Triangulation Technician (Tech2)	\$110.00 per hour
LiDAR / Photogrammetry Technician (Tech1)	\$98.00 per hour

SURVEY EQUIPMENT RATES:

GPS Receiver	\$25.00 per hour
ATV	\$10.00 per hour
SX-10	\$35.00 per hour
Digital Level	\$4.00 per hour
Aluminum Boat	\$15.00 per hour
HDS Laser Scanner	\$115.00 per hour
VM810 Survey	\$5.75 per hour
RD8100 Survey	\$11.25 per hour
SPAR 300 Kit	\$4.00 per hour
Weather Station	\$6.00 per hour
Tier 1 HDS Scanner (BLK360 & Faro)	\$32.00 per hour
Tracking Equipment (Hans Box & Traxall)	\$2.75 per hour



GEOSPATIAL EQUIPMENT RATES:

Riegl VQ 1560I or 1560II LiDAR System	\$1,300.00 per hour
Aerial LiDAR System HARRIER 68I	\$700.00 per hour
Mobile Mapping System, includes 360° Camera System (Equipment Only)	\$6,500.00 per day
Mobile Mapping Equipment Stand-by Fee (Equipment Only)	\$200.00 per hour
HDS Laser Scanner	\$115.00 per hour
High Rail Equipped Vehicle	\$10.00 per hour
Weather Station	\$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	\$150.00 per hour
Skyfront/VAPOR/ORC Unmanned Aerial System	\$500.00 per hour
GPS Receiver (Unmanned)	\$25.00 per hour
Geospatial Work Station	\$15.00 per hour
Small Lift UAV's	\$50.00 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