

**SUPPLEMENTAL WORK AUTHORIZATION NO.   1**  
**TO**  
**WORK AUTHORIZATION NO.       3**

**WILLIAMSON COUNTY PROJECT:**  
**Williamson County Road & Bridge – On Call Professional Survey Services**

This Supplemental Work Authorization No.   1   to Work Authorization No.   3   is made pursuant to the terms and conditions of the Williamson County Contract for Surveying Services, being dated **February 6, 2015** ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and **Surveying And Mapping (SAM) LLC** (the "Surveyor").

WHEREAS, the County and the Surveyor executed Work Authorization No.   3   dated effective **September 11, 2015** (the "Work Authorization");

WHEREAS, pursuant to the Contract, amendments, changes and modifications to a fully executed Work Authorization shall be made in the form of a Supplemental Work Authorization; and

WHEREAS, it has become necessary to amend, change and modify the Work Authorization.

**AGREEMENT**

NOW, THEREFORE, premises considered, the County and the Surveyor agree that the Work Authorization shall be amended, changed and modified as follows:

- I. The Work Authorization shall terminate on **September 30, 2017**. The Services to be Provided by the Surveyor shall be fully completed on or before said date unless extended by an additional Supplemental Work Authorization. The revised Work Schedule is attached hereto as Attachment "C" (must be attached).

County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Supplemental Work Authorization. Surveyor understands and agrees that County's payment of amounts under this Supplemental 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 the Supplemental Work Authorization. It is further understood and agreed by Surveyor that County shall have the right to terminate this Supplemental Work Authorization 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.

Except as otherwise amended by prior or future Supplemental Work Authorizations, all other terms of the Work Authorization are unchanged and will remain in full force and effect.

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

**IN WITNESS WHEREOF**, the County and the Surveyor have executed this Supplemental Work Authorization, in duplicate, to be effective as of the date of the last party's execution below.

EXECUTED this 13<sup>th</sup> day of September, 2016.

**SURVEYOR:**

Surveying And Mapping (SAM) LLC

By: \_\_\_\_\_

Signature

Willica R. Herring, RPLS  
Printed Name

Sr. Project Manager  
Title

9/8/2016  
Date

**COUNTY:**

Williamson County, Texas

By: \_\_\_\_\_

Signature

DAVID GATTIL  
Printed Name

County Clerk  
Title

09-14-2016  
Date

## 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**

1. County will provide the specifications requirements for all surveys.
2. County will provide timely reviews and decisions necessary to enable the Surveyor to maintain an agreed upon project schedule as developed in attached Attachment C.
3. County will provide aluminum caps for iron rods, if applicable.
4. County will provide brass caps for flush mount ROW markers, if applicable.
5. County will provide a single point of contact, to be identified upon Notice to Proceed.
6. County will provide project management.

## **Attachment B - Services to be Provided by Surveyor**

Surveyor will perform field and office work to provide Professional Survey Services on an on-call basis as needed for survey tasks such as:

1. Perform record research to prepare efforts for field crew boundary search.
2. Perform field surveys to tie boundary monuments and evidence of right-of-way lines.
3. Prepare metes and bounds description with sketches for surveyed tracts of land.
4. Perform design surveys to locate, but are not limited to, existing utilities, topographical features, existing improvements and existing right-of-ways.
5. Prepare Microstation drawings showing results of survey.
6. Stake right-of-way lines for fence construction.
7. Perform construction surveys to
  - stake existing or proposed right-of-ways and centerline, proposed improvements.
  - recover and check existing control points
  - establish additional control points.
8. Perform quality assurance, quality control, and review of other surveyors' work.
9. Miscellaneous.

### Attachment C - Work Schedule

Surveyor shall provide a work schedule for the assigned tasks. Work shall begin immediately upon receipt of agreement between County and Surveyor on the work schedule and authorization to proceed on assigned tasks.

## Attachment D - Fee Schedule

Surveyor shall provide a fee schedule for the assigned tasks. Work shall begin immediately upon receipt of agreement between County and Surveyor on the fee schedule and authorization to proceed on assigned tasks.

### **SAM, LLC STANDARD AUSTIN RATE SCHEDULE**

Effective October 16, 2014

#### **SURVEY FIELD CREW SERVICES:**

|                                                      |                   |
|------------------------------------------------------|-------------------|
| Two (2) Person Survey Field Crew                     | \$130.00 per hour |
| Three (3) Person Survey Field Crew                   | \$160.00 per hour |
| Additional Rodperson, Chainperson or Flagperson      | \$32.00 per hour  |
| 1 Person Crew with Receiver or Robotic Total Station | \$105.00 per hour |
| GPS Receiver                                         | \$25.00 per hour  |
| Field Coordinator                                    | \$85.00 per hour  |
| ATV or Utility Vehicle                               | \$75.00 per day   |

Field crews are equipped with a four-wheel drive vehicle. There is mileage charge for survey crew vehicles computed at the current I.R.S. mileage allowance.

#### **SURVEY OFFICE PERSONNEL SERVICES:**

|                                   |                   |
|-----------------------------------|-------------------|
| Principal                         | \$170.00 per hour |
| Associate/Senior Project Manager  | \$145.00 per hour |
| Project Manager                   | \$125.00 per hour |
| Staff Surveyor                    | \$110.00 per hour |
| GPS/HDS Coordinator               | \$105.00 per hour |
| Surveyor-In-Training (SIT)        | \$90.00 per hour  |
| Senior Survey Technician          | \$90.00 per hour  |
| Survey Technician                 | \$80.00 per hour  |
| Administration / Clerical Support | \$60.00 per hour  |

All surveying services are regulated under the Texas Board of Professional Land Surveying. The Board can be contacted at 12100 Park 35 Circle, Bldg A, Suite 156 Austin, Texas 78753.

*Attachment D, Fee Schedule, continued*

**GEOSPATIAL SERVICES:**

|                                                             |                   |
|-------------------------------------------------------------|-------------------|
| Principal                                                   | \$170.00 per hour |
| Senior Project Manager                                      | \$155.00 per hour |
| Project Manager                                             | \$140.00 per hour |
| Acquisition Manager                                         | \$125.00 per hour |
| Pilot                                                       | \$125.00 per hour |
| Photogrammetrist / Project Lead                             | \$105.00 per hour |
| Acquisition / Calibration / Aerial Triangulation Technician | \$95.00 per hour  |
| LiDAR / Photogrammetry Technician                           | \$92.50 per hour  |
| HDS Laser Scanning Technician                               | \$95.00 per hour  |

**EQUIPMENT:**

|                                                        |                     |
|--------------------------------------------------------|---------------------|
| Aerial LiDAR System (Equipment Only)                   | \$6,500.00 per day  |
| Mobile Mapping System (Equipment Only)                 | \$6,000.00 per day  |
| Mobile Mapping Equipment Stand-by Fee (Equipment Only) | \$3,000.00 per day  |
| HDS Laser Scanner                                      | \$850.00 per day    |
| High Rail Equipped Vehicle                             | \$100.00 per day    |
| Weather Station                                        | \$100.00 per day    |
| Oblique Camera System                                  | \$250.00 per day    |
| Video Camera System                                    | \$50.00 per day     |
| Helicopter (Turbine Engine Powered)                    | \$1,450.00 per hour |
| Helicopter (Reciprocal Engine Powered)                 | \$850.00 per hour   |
| GPS Receiver (Unmanned)                                | \$ 25.00 per hour   |
| Geospatial Work Station                                | \$ 15.00 per hour   |
| Aerial Film Scanning                                   | \$ 10.00 per frame  |