

1607-104

**WORK AUTHORIZATION NO. 1**

**PROJECT: On Call Professional Engineering Services**

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated December 32, 16 and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and **Freese and Nichols, 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 **\$100,0000.**

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, 2017.** 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 22<sup>nd</sup> day of December, 2016

ENGINEER:

Freeze and Nichols, Inc.

By: [Signature]  
Signature

Víctor M. Vázquez  
Printed Name

Principal  
Title

COUNTY:

Williamson County, Texas

By: [Signature]  
Signature

DAN A GATTI  
Printed Name

County Judge  
Title 12-22-16

## 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 Road & Bridge Division personnel will provide project direction, review and oversight.

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

FNI will provide general consulting services and support to the Engineering Design Services for Replacement of Culvert Crossings Project as requested. Services may include but are not limited to:

1. Providing engineering reviews and floodplain management services for projects in the County as requested. Assistance may include review of development projects, Conditional Letters of Map Revision (CLOMR) submittals, Letters of Map Revision (LOMR) submittals, and hydrologic or hydraulic models (including 2D models).
2. Support staff activities for County projects as requested including developing or reviewing CLOMR/LOMR's, developing hydrologic or hydraulic models, staff augmentation, and/or provide technical expertise and general peer review for County designed projects.
3. Assist County Staff in addressing drainage concerns from County Residents or County Commissioners as requested. Generally, these tasks will include gathering information related to the possible drainage issue/concern including talking to stakeholders, evaluating/analyzing drainage patterns and runoff quantities, and preparing a summary memorandum that documents the issue and analysis. If requested and needed, these tasks may include providing recommendations for drainage improvements, conceptual design analyses, and opinions of probable construction costs.
4. Provide training and/or technical support to County staff as requested.

### **Attachment C - Work Schedule**

Individual tasks under this contract will be initiated by the County. For each task assignment Freese and Nichols will provide a written description of the services to be provided, estimated timeline for completion, and requested deliverables. Freese and Nichols will proceed with the individual tasks upon written task authorization from the County.

## Attachment D - Fee Schedule

### COMPENSATION

Compensation to FNI for Basic Services in Attachment SC shall be computed on the basis of the Schedule of Charges, but shall not exceed Three Hundred Six Thousand Seven Hundred Two Dollars and No Cents (\$306,702). If FNI sees the Scope of Services changing so that Additional Services are needed, including but not limited to those services described as Additional Services in Attachment SC, FNI will notify OWNER for OWNER's approval before proceeding. Additional Services shall be computed based on the Schedule of Charges.

#### Schedule of Charges:

<u>Position</u>	<u>Rate</u>
Professional - 1 (Env. Scientist I-III, Hydrologist I-III, GIS I-III)	113
Professional - 2 (Engineer I-III, Hydrologist IV, GIS IV)	137
Professional - 3 (Engineer IV, Env. Scientist IV, Hydrologist V, GIS V, Senior Geologist)	156
Professional - 4 (Engineer V, Env. Scientist V-VI)	178
Professional - 5 (Engineer VI, Env. Scientist VII, Hydrologist VI)	209
Professional - 6 (Engineer VII-VIII, Env. Scientist VIII)	240
Construction Manager - 1	91
Construction Manager - 2	117
Construction Manager - 3	138
Construction Manager - 4	173
CAD Technician/Designer - 1	96
CAD Technician/Designer - 2	126
CAD Technician/Designer - 3	153
Corporate Project Support - 1	92
Corporate Project Support - 2	111
Corporate Project Support - 3	148
Intern/ Coop	57

#### Rates for In-House Services

##### Technology Charge

\$8.50 per hour

##### Travel

Standard IRS Rates

##### Bulk Printing and Reproduction

	<u>B&amp;W</u>	<u>Color</u>
Small Format (per copy)	\$0.10	\$0.25
Large Format (per sq. ft.)		
Bond	\$0.25	\$0.75
Glossy / Mylar	\$0.75	\$1.25
Vinyl / Adhesive	\$1.50	\$2.00
Mounting (per sq. ft.)	\$2.00	
Binding (per binding)	\$0.25	

#### OTHER DIRECT EXPENSES:

Other direct expenses are reimbursed at actual cost. They include outside printing and reproduction expense, communication expense, travel, transportation and subsistence away from the FNI office and other miscellaneous expenses directly related to the work, including costs of laboratory analysis, test, and other work required to be done by independent persons other than staff members. For Resident Representative services performed by non-FNI employees and CAD services performed in-house by non-FNI employees where FNI provides workspace and equipment to perform such services, these services will be billed at cost.

These rates are subject to annual adjustment. Last Updated February 2015.

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FNI   
OWNER