

WORK AUTHORIZATION NO. 2

**WILLIAMSON COUNTY ROAD BOND PROJECT:
CR 245 Construction Phase Services**

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated April 7, 2020 and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Bridgefarmer & 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 \$30,850.00.

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 August 31, 2023____. 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.

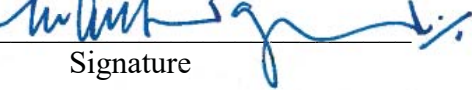
Part 7. This Work Authorization is hereby accepted and acknowledged below.

Continued next page

EXECUTED this _____.

ENGINEER:

Bridgefarmer & Associates, Inc.

By: 

Signature

Mansoor Ahsan, PE

Printed Name

Chief Executive Officer

Title

06-21-2021

Date

COUNTY:

Williamson County, Texas

By: _____
Signature

Printed Name

Title

LIST OF ATTACHMENTS

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule


6/23/2021

ATTACHMENT B

SERVICES TO BE PROVIDED BY THE ENGINEER FOR CR 245

PROJECT DESCRIPTION

Project Limits

The project limits are from North of RM 2338 to Ronald Reagan Blvd for approximately 1.1 miles.

Existing Facility

Existing 2-lane roadway with asphalt pavement. There is an existing left turn lane at the intersection at RM 2338. The existing right of way varies from 60 ft to 140 ft.

Proposed Facility

Proposed 2-lane roadway with shoulders and middle turn lane with a proposed ROW width of 135ft, from the project limits mention above.

1. BIDDING PHASE SERVICES

a. REQUESTS FOR INFORMATION - RFIs (10 assumed):

- Attend site visits and/or meetings to gather data and information for RFI responses.
- Respond to Contractor RFIs and provide design clarifications, additional information, and additional data to the GEC as required.

b. REVIEW CONTRACTOR SUBMITTALS & SHOP DRAWINGS (10 assumed):

- Review Contractor submittals and shop drawings received from the GEC. Shop drawings will be reviewed for general conformance with the plans and specifications and will include providing stamped concurrence, exceptions or resubmittal notations to the Contractor.

c. PLAN REVISIONS FOR FIELD CHANGES (10 sheets assumed):

- Engineer will provide minor revisions to plans in order to address differing site conditions, third party accommodation, or other owner directed changes. Revisions to plans will include revision clouds around any changes, will include descriptions and quantities of changes, CAD files, and will be sealed by a professional engineer.

d. ATTEND MEETINGS (5 assumed):

- Engineer will attend meetings at the project site or Williamson County representative office, as requested.
- Visit the project site on request (2 hours per visit) during construction to address questions on interpretation of plans.

2. DELIVERABLES

- a. All contract documents, including hard copies and electronic files, shall be turned over to the County at each milestone and at the completion of the project. Documents shall be posted to the County's project management database as requested.

| ID | Task Name | edecessc | Duration | Start | Finish | 02 Mar/Apr | Qtr 2, 202 a Jun | Qtr 3, 202 Jul Au | Qtr 4, 202 e Oct | Qtr 1, 202 o De | Qtr 2, 202 Jan e | Qtr 3, 202 Mar/Apr | Qtr 4, 202 a Jun | Qtr 1, 202 Jul Au |
|----|---|----------|----------|-------------|-------------|---------------|---------------------|----------------------|---------------------|--------------------|---------------------|-----------------------|---------------------|----------------------|
| 1 | CR 245 Construction Phase Services Schedule | | 350 days | Thu 3/31/22 | Wed 8/2/23 | | | | | | | | | |
| 2 | NTP | | 0 days | Thu 3/31/22 | Thu 3/31/22 | | | | | | | | | |
| 3 | Start Date | 2 | 0 days | Thu 3/31/22 | Thu 3/31/22 | | | | | | | | | |
| 4 | Construction Phase Services | 3 | 350 days | Thu 3/31/22 | Wed 8/2/23 | | | | | | | | | |
| 5 | On-call as needed | | 350 days | Thu 3/31/22 | Wed 8/2/23 | | | | | | | | | |
| 6 | Construction Phase Services | 3 | 350 days | Thu 3/31/22 | Wed 8/2/23 | | | | | | | | | |

Project: CR 245
Date: Thu 6/17/21

Task



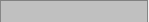
Progress



Summary



External Tasks



Deadline



Split



Milestone



Project Summary



External Milestone



Attachment D

| TASK | FIRM | | | FEE |
|--------------------------------------|--------------------|---------------|--|--------------------|
| | BRIDGEFARMER | CLGANN | | |
| | | | | |
| TASK 12: CONSTRUCTION PHASE SERVICES | \$27,550.00 | 3300 | | \$30,850.00 |
| | | | | |
| GRAND TOTAL | \$27,550.00 | \$0.00 | | \$30,850.00 |

Fee Schedule

Bridgefarmer & Associates - Williamson County CR 245

| | | | | | | | | | |
|---|-----------------|-----------------|-----------------|-----------------|------------|----------------------|----------------|-------------|--------------|
| | \$250.00 | \$270.00 | \$210.00 | \$150.00 | \$120.00 | \$135.00 | \$75.00 | | |
| TASK 12: CONSTRUCTION PHASE SERVICES | Project Manager | Quality Manager | Senior Engineer | Design Engineer | EIT | Senior CADD Operator | Admin/Clerical | Total | PROPOSED FEE |
| | | | | | | | | | |
| Attend Preconstruction Meeting | 2 | | 2 | 2 | | | | 6 | \$1,220.00 |
| Respond to Contractor RFI's | 10 | | 10 | 20 | 20 | 20 | | 80 | \$12,700.00 |
| Review Contractor Shop Drawings | | | 3 | 15 | | | | 18 | \$2,880.00 |
| Attend field meetings and make field visits | 5 | | 5 | 5 | | | | 15 | \$3,050.00 |
| Prepare Plan Revisions to address changed conditions or Field Changes | 5 | | 5 | 10 | 10 | 20 | | 50 | \$7,700.00 |
| | | | | | | | | 0 | \$0.00 |
| | | | | | | | | | |
| | | | | | | | | | |
| HOURS SUB-TOTALS | 22 | 0 | 25 | 52 | 30 | 40 | 0 | 169 | \$27,550.00 |
| LABOR RATE PER HOUR | \$250.00 | \$270.00 | \$210.00 | \$150.00 | \$120.00 | \$135.00 | \$75.00 | | |
| SUBTOTAL Bidding Phase Services | \$5,500.00 | \$0.00 | \$5,250.00 | \$7,800.00 | \$3,600.00 | \$5,400.00 | \$0.00 | \$27,550.00 | \$27,550.00 |

| | | | | | | | | | |
|---|-----------------|-----------------|-----------------|-----------------|------------|----------------------|----------------|-------------|--------------|
| Summary | Project Manager | Quality Manager | Senior Engineer | Design Engineer | EIT | Senior CADD Operator | Admin/Clerical | Total | PROPOSED FEE |
| | | | | | | | | | |
| BRIDGEFARMER TOTAL HOURS BY CLASSIFICATION: | 22 | 0 | 25 | 52 | 30 | 40 | 0 | 169.00 | \$27,550.00 |
| LABOR RATE PER HOUR | \$250.00 | \$270.00 | \$210.00 | \$150.00 | \$120.00 | \$135.00 | \$75.00 | | |
| BRIDGEFARMER ALL FUNCTION CODES | \$5,500.00 | \$0.00 | \$5,250.00 | \$7,800.00 | \$3,600.00 | \$5,400.00 | \$0.00 | \$27,550.00 | \$27,550.00 |
| | 20% | 0% | 19% | 28% | 13% | 20% | 0% | 100% | 100% |

| | | | | | | | | |
|--|-------|--|--|--|--|--|--|-------------|
| | TOTAL | | | | | | | \$27,550.00 |
|--|-------|--|--|--|--|--|--|-------------|

Fee Schedule

CLGann, LLC - Williamson County CR 245

| | | | | | | | | | | | |
|---|-----------------|-----------------|-----------------|------------------|-----------------|------------|----------------------|------------------------|----------------|------------|--------------|
| | \$250.00 | \$240.00 | \$225.00 | \$180.00 | \$150.00 | \$125.00 | \$135.00 | \$125.00 | \$90.00 | | |
| TASK 11: BIDDING PHASE SERVICES | Project Manager | Quality Manager | Senior Engineer | Project Engineer | Design Engineer | EIT | Senior CADD Operator | Engineering Technician | Admin/Clerical | Total | PROPOSED FEE |
| Attend Preconstruction Meeting | | | 2 | | | | | | | 2 | \$450.00 |
| Respond to Contractor RFI's | | | 2 | | | 4 | | | | 6 | \$950.00 |
| Review Contractor Shop Drawings | | | | | | | | | | 0 | \$0.00 |
| Attend field meetings and make field visits | | | 2 | | | 4 | | | | 6 | \$950.00 |
| Prepare Plan Revisions to address changed conditions or Field Changes | | | 2 | | | 4 | | | | 6 | \$950.00 |
| | | | | | | | | | | 0 | \$0.00 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| HOURS SUB-TOTALS | 0 | 0 | 8 | 0 | 0 | 12 | 0 | 0 | 0 | 20 | \$3,300.00 |
| LABOR RATE PER HOUR | \$250.00 | \$240.00 | \$225.00 | \$180.00 | \$150.00 | \$125.00 | \$135.00 | \$125.00 | \$90.00 | | |
| SUBTOTAL Bidding Phase Services | \$0.00 | \$0.00 | \$1,800.00 | \$0.00 | \$0.00 | \$1,500.00 | \$0.00 | \$0.00 | \$0.00 | \$3,300.00 | \$3,300.00 |

| | | | | | | | | | | | |
|---|-----------------|-----------------|-----------------|------------------|-----------------|------------|----------------------|------------------------|----------------|------------|--------------|
| Summary | Project Manager | Quality Manager | Senior Engineer | Project Engineer | Design Engineer | EIT | Senior CADD Operator | Engineering Technician | Admin/Clerical | Total | PROPOSED FEE |
| BRIDGEFARMER TOTAL HOURS BY CLASSIFICATION: | 0 | 0 | 8 | 0 | 0 | 12 | 0 | 0 | 0 | 20.00 | \$3,300.00 |
| LABOR RATE PER HOUR | \$250.00 | \$240.00 | \$225.00 | \$180.00 | \$150.00 | \$125.00 | \$135.00 | \$125.00 | \$90.00 | | |
| BRIDGEFARMER ALL FUNCTION CODES | \$0.00 | \$0.00 | \$1,800.00 | \$0.00 | \$0.00 | \$1,500.00 | \$0.00 | \$0.00 | \$0.00 | \$3,300.00 | \$3,300.00 |
| | 0% | 0% | 55% | 0% | 0% | 45% | 0% | 0% | 0% | 100% | 100% |

| | | | | | | | | | | | |
|--|-------|--|--|--|--|--|--|--|--|--|------------|
| | TOTAL | | | | | | | | | | \$3,300.00 |
|--|-------|--|--|--|--|--|--|--|--|--|------------|