

WORK AUTHORIZATION NO. 3

**WILLIAMSON COUNTY ROAD BOND PROJECT:
RM 2243 from 183A to Garey Park**

This Work Authorization No. 3 is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated January 14, 2020 ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and BGE, Inc. (the "Engineer").

AGREEMENT

NOW, THEREFORE, premises considered, the County and the Engineer agree that the Work Authorization include:

- I. Construction Phase Services in support of construction on Phase 1A as further described in Attachments A and B.
- II. The Work Authorization shall terminate on September 30, 2028. The Services to be Provided by the Engineer shall be fully completed on or before said date unless extended by an additional Supplemental Work Authorization. The Work Schedule is attached hereto as Attachment C.
- III. The maximum amount payable for services under the Work Authorization is \$176,853.86. The Fee Schedule is attached hereto as Attachment D.

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

ENGINEER:

By: 
Signature

Eric Busker, PE
Printed Name

Director
Title

9/18/2025
Date

COUNTY:

By: _____
Signature

Printed Name

Title

Date

LIST OF ATTACHMENTS

Attachment A – Services to be provided by the County

Attachment B – Services to be provided by the Engineer

Attachment C – Work Schedule

Attachment D – Fee Schedule

APPROVED

By Christen Eschberger at 12:49 pm, Sep 19, 2025

ATTACHMENT A
SERVICES TO BE PROVIDED BY THE COUNTY
CONSTRUCTION PHASE SERVICES FOR RM 2243 Phase 1A

In general, Williamson County and its representatives to their best efforts will render services as follows:

1. Name, business address and phone number of County's project manager.
2. Assistance to the Engineer, as necessary, with obtaining data and information from other local, regional, State and Federal agencies required for this project.
3. Obtain Rights of Entry from landowners that are unwilling to grant access to the Engineer.
4. Provide available appropriate County data on file, plans and specifications that are deemed pertinent to the completion of the work required by the scope of services (including previous hydraulic studies, models, previous reports and studies, available existing traffic counts, and design year traffic projections).
5. Provide available criteria and full information as to the client's requirements for the project. Provide examples of acceptable format for the required deliverables.
6. Provide timely reviews and decisions necessary for the Engineer to maintain the project work schedule. Review recommendations offered by the Engineer, progress of work, and final acceptance of all documents.
7. Submittal of documentation to regulatory agencies for review and comment, when specified.
8. Support project development efforts with stakeholders, coordinate meetings and interface with stakeholders, as needed.
9. Post and maintain project information for public consumption on the County website.
10. Assist with Coordination between the Engineer and the County's other subconsultants.
11. Negotiate with all utility companies for any agreements and/or relocations required.
12. Provide an agent as necessary to secure proposed ROW.
13. Review Engineer progress, submittals, and plan changes.

ATTACHMENT B
SERVICES TO BE PROVIDED BY THE ENGINEER
CONSTRUCTION PHASE SERVICES FOR RM 2243 Phase 1A

PROJECT DESCRIPTION

Existing Facility

The existing roadway facility is a two-lane configuration with 11' lanes and no shoulder from 183A to Ronald Reagan Blvd along existing Hero Way and 12' lanes with 2' shoulders from Ronald Regan Blvd to Garey Park along existing RM 2243.

Proposed Facility

This project begins at US 183A and ends at Garey Park Rd and is a three lane configuration consisting of two 12' lanes, a 14' two-way left turn lane, curb and gutter along the westbound side with and adjacent shared-use path, and a 4' shoulder along the eastbound side. The intersection of the proposed facility with Ronald Reagan Blvd is signalized.

1. PROJECT MANAGEMENT

a. MONTHLY PROGRESS REPORTS, INVOICES, AND BILLINGS:

- Submit monthly progress status reports to the GEC. Progress reports will include: tasks completed, tasks/objectives that are planned for the upcoming periods, lists or descriptions of items or decisions needed from the County and its representatives. Subconsultant progress will be incorporated into the monthly progress report. A copy of the monthly progress report will be uploaded to ProjectWise.
- Prepare correspondence, invoices, and progress reports on a monthly basis in accordance with current County requirements.

2. CONSTRUCTION PHASE SERVICES

a. REQUESTS FOR INFORMATION - RFIs (up to 78 assumed):

- Attend site visits as needed 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 within five (5) calendar days.
- Up to 78 RFIs shall be responded to, or until allocated budget/hours has been exhausted based on degree of changes required for each RFI.

b. REVIEW CONTRACTOR SUBMITTALS & SHOP DRAWINGS (28 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 within twelve (12) calendar days. The County will not be billed for plan revisions resulting from engineering errors or omissions.

c. PLAN REVISIONS FOR FIELD CHANGES (83 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. The County will not be billed for plan revisions resulting from engineering errors or omissions.

d. ATTEND MEETINGS:

- Engineer will attend two (2) meetings at the project site or Williamson County representative office, as requested. When in attendance, Engineer will provide meeting minutes and sign in sheet.
- Visit the project site on request (3 hours per visit) during construction to address questions on interpretation of plans.
- Engineer shall not attend weekly contractor meetings (in person or virtual). Meeting participation will be limited to when required to resolve RFIs.

e. TRAFFIC SIGNAL TIMING:

- Engineer will visit the project site and assist the Contractor with Traffic Signal Timing.

f. SOLUTION FEATURE EVALUATION

SWCA will evaluate up to three solution features discovered during excavation activities within the Edwards Aquifer Recharge Zone portion of the project area. Feature evaluation will be conducted in general accordance with Texas Commission on

Environmental Quality (TCEQ) Edwards Aquifer rules (TAC §213). A letter report will be provided including the following:

- sketches of the feature;
- photographs; and
- descriptions of the feature and an evaluation of feature sensitivity, if applicable.
- Preparation of a Solution Feature Discovery Notification form incorporating a mitigation plan approved by BGE, Inc. SWCA will discuss findings with BGE, Inc. to assist in the development of treatment methods.

If significant excavations are required, SWCA will coordinate with BGE, Inc. and the site contractor to remove material needed to evaluate the feature. SWCA staff can be available to meet once on-site with TCEQ staff if requested.

3. DELIVERABLES

- a. All contract documents, including hard copies and electronic files, shall be turned over to the County at completion of the project. Documents shall be posted to the County's project management database as requested.
- b. RFIs
- c. Submittals
- d. Revised Plan Sheets

Exclusions:

- Updates to plans to incorporate ongoing or planned developments
- Updates to plans to incorporate new utilities
- Participation in weekly contractor meetings (virtual or in person)
- Updates to traffic control plans based on contractor convenience/ease of construction
- As-built drawings at the end of construction

Attachment C
Work Schedule - RM 2243 Phase 1A - Construction Phase Services

D	Task Name	Duration	Start	Finish	Predecessors	Task Mode	Resource Names																											
1	RM 2243 PS&E Phase 1A	780 days	Wed 10/8/25	Sat 9/30/28				202620272028																										
2	Work Authorization NTP	1 day	Wed 10/8/25	Wed 10/8/25																														
3	Bid Phase	31 days	Wed 10/8/25	Tue 11/18/25																														
4	Construction NTP	0 days	Wed 1/7/26	Wed 1/7/26				1/7 Construction NTP																										
5	Pre Construction Meeting	1 day	Wed 1/7/26	Wed 1/7/26																														
6	Task 1: Project Management	713 days	Thu 1/8/26	Sat 9/30/28	4																													
7	Task 2: Construction Phase Services	713 days	Thu 1/8/26	Sat 9/30/28																														
8	Requests for Information	713 days	Thu 1/8/26	Sat 9/30/28	4																													
9	Review Contractor Submittals	713 days	Thu 1/8/26	Sat 9/30/28	4																													
10	Plan Revisions	713 days	Thu 1/8/26	Sat 9/30/28	4																													
11	Attend Meetings	713 days	Thu 1/8/26	Sat 9/30/28	4																													
12	Traffic Signal Timing	90 days	Mon 4/3/28	Fri 8/4/28																														
13	Solution Feature Evaluation	713 days	Thu 1/8/26	Sat 9/30/28	4																													

ATTACHMENT D - FEE SCHEDULE

PRIME PROVIDER NAME: BGE, Inc
PROJECT NAME:RM 2243
Phase 1A - Construction Phase Services
9/18/2025

PROJECT SUMMARY		
Firm	Amount	Percent
BGE, Inc.	\$163,419.66	92.4%
SWCA	\$13,434.20	7.6%
Total	\$176,853.86	100.0%

SUMMARY BY FIRM & FUNCTION CODE				
		Firm		
		BGE, Inc.	SWCA	Function Code Sub-Totals
Function Code (Lump Sum Payment Type Basis)				
FC 110	Total Labor Cost			
	Total Labor Cost (Unit Cost)			
FC 120	Total Labor Cost		\$13,224.20	\$13,224.20
	Other Direct Expenses		\$210.00	\$210.00
FC 130	Total Labor Cost			
	Other Direct Expenses			
FC 150	Total Labor Cost			
	Other Direct Expenses			
FC 160	Total Labor Cost			
	Other Direct Expenses			
FC 161	Total Labor Cost			
	Other Direct Expenses			
FC 162	Total Labor Cost			
	Other Direct Expenses			
FC 163	Total Labor Cost			
	Other Direct Expenses			
FC 164	Total Labor Cost	\$32,966.96		\$32,966.96
	Other Direct Expenses	\$575.00		\$575.00
FC 165	Total Labor Cost			
	Other Direct Expenses			
FC 170	Total Labor Cost			
	Other Direct Expenses			
FC 300 (351)	Total Labor Cost(Specified Rate)	\$129,877.70		\$129,877.70
	Other Direct Expenses			
TOTAL		\$163,419.66	\$13,434.20	\$176,853.86

PRIME PROVIDER NAME: BGE, Inc
PROJECT NAME:RM 2243
Phase 1A - Construction Phase Services
9/18/2025

PRIME PROVIDER: BGE, Inc.

TASK DESCRIPTION		PRINCIPAL/ DIRECTOR	SENIOR PROJECT MANAGER	QC MANAGER	SENIOR STRUCTURAL ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	GRADUATE ENGINEER	SENIOR TECHNICAL ADVISOR	SENIOR DESIGN TECHNICIAN	DESIGN TECH	ADMIN / CLERICAL	TOTAL HRS. & COSTS	COST PER TASK	NO OF DWGS	HRS PER SHEET
	CONTRACT RATE PER HOUR	\$ 350.40	\$ 283.94	\$ 326.23	\$ 274.00	\$ 265.82	\$ 235.61	\$ 195.00	\$ 157.08	\$ 190.00	\$ 198.16	\$ 144.99	\$ 102.70				
FUNCTION CODE 145 – MANAGING CONTRACTED/DONATED PE																	
PROJECT MANAGEMENT AND ADMINISTRATION																	
	PREPARE MONTHLY PROGRESS REPORTS					30								30	\$ 7,974.60		
	PROJECT COORDINATION & ADMINISTRATION, INTERNAL PROGRESS MEETINGS, INCLUDING SUB-CONSULTANT COORDINATION (EST. 31 MONTHS)		8			32		32						72	\$ 17,017.76		
	PREPARE AND DOCUMENT CORRESPONDENCE, INVOICES, & PROGRESS REPORTS					30								30	\$ 7,974.60		
	HOURS SUB-TOTALS	0	8	0	0	92	0	32	0	0	0	0	0	132		0	
	SUBTOTAL FC 145	\$0.00	\$2,271.52	\$0.00	\$0.00	\$24,455.44	\$0.00	\$6,240.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$32,966.96	\$32,966.96		

FUNCTION CODE 300 – DESIGN VERIFY/CHANGES/ALTER																	
CONSTRUCTION PHASE SERVICES														0			
	RESPOND TO RFIs (78 assumed)		24	20		20	40	60	80					244	\$ 52,346.36		
	REVIEW AND APPROVAL OF SHOP DRAWINGS (28 assumed)					12	20	32	40					104	\$ 20,425.24		
	PLAN REVISIONS FOR FIELD CHANGES (83 assumed)		24	20		8	32	60	60					204	\$ 44,130.04		
	ATTEND MEETINGS (2 assumed)		18			6	6	6						36	\$ 9,289.50		
	TRAFFIC SIGNAL TIMING					8		8						16	\$ 3,686.56		
														0	\$ -		
															\$ -		
	HOURS SUB-TOTALS		66	40	0	54	98	166	180	0	0	0	0	604		0	
	SUBTOTAL FC 300		\$18,740.04	\$13,049.20	\$0.00	\$14,354.28	\$23,089.78	\$32,370.00	\$28,274.40	\$0.00	\$0.00	\$0.00	\$0.00		\$129,877.70		

	TOTAL HOURS	0	74	40	0	146	98	198	180	0	0	0	0	736			
	CONTRACT RATE PER HOUR	\$ 350.40	\$ 283.94	\$ 326.23	\$ 274.00	\$ 265.82	\$ 235.61	\$ 195.00	\$ 157.08	\$ 190.00	\$ 198.16	\$ 144.99	\$ 102.70				
	SUBTOTAL LABOR EXPENSES	\$ -	\$ 21,011.56	\$ 13,049.20	\$ -	\$ 38,809.72	\$ 23,089.78	\$ 38,610.00	\$ 28,274.40	\$ -	\$ -	\$ -	\$ -	\$162,844.66			

DIRECT EXPENSES		QUANTITY	COST/UNIT	UNIT	TOTAL
	MILEAGE	250	0.7	mile	\$ 175.00
	Lodging/Hotel - Taxes and Fees			day/person	\$ -
	Photocopies B/W (11"x17")	2,000	0.10	each	\$ 200.00
	Photocopies B/W (8 1/2"x11")			each	\$ -
	Photocopies Color (11"x17")			each	\$ -
	Photocopies Color (8 1/2" x 11")			each	\$ -
	Plots (B/W on Bond)			per sq. ft.	\$ -
	Plots (Color on Bond)			per sq. ft.	\$ -
	Plots (Color on Photographic Paper)			per sq. ft.	\$ -
	Report Binding and tabbing			each	\$ -
	Certified Letter Return Receipt			each	\$ -
	Overnight Mail - letter size			each	\$ -
	Overnight Mail - oversized box			each	\$ -
	Materials and Shipping			per package	\$ -
	Courier Services	4	50	each	\$ 200.00
	SUBTOTAL DIRECT EXPENSES				\$ 575.00

	GRAND TOTAL				\$ 163,419.66
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PRIME PROVIDER NAME: BGE, Inc
PROJECT NAME: RM 2243
Phase 1A PS&E
3/31/2023

SUB PROVIDER: SWCA

TASK DESCRIPTION		SUBJECT MATTER EXPERT	SPECIALIST XI	SPECIALIST X	SPECIALIST IX	SPECIALIST VIII	SPECIALIST VII	SPECIALIST VI	SPECIALIST V	SPECIALIST IV	SPECIALIST III	SPECIALIST II	SPECIALIST I	ADMINISTRATIVE V	TOTAL HRS. & COSTS	COST PER TASK	NO OF DWGS	HRS PER SHEET
	CONTRACT RATE PER HOUR	\$ 253.74	\$ 225.95	\$ 206.61	\$ 184.87	\$ 171.57	\$ 158.28	\$ 143.78	\$ 131.70	\$ 119.62	\$ 107.54	\$ 94.25	\$ 80.95	\$ 107.54				

FUNCTION CODE 120 (120) – SOCIAL/ECON/ENVIRON STUDIES																		
SOCIAL, ECON AND ENVIRON STUDIES AND PUBLIC INVOLVEMENT																		
	Solution Feature Evaluation (cave exploration)			15		15	25	25							80	\$ 13,224.20		
															0	\$ -		
															0	\$ -		
	HOURS SUB-TOTALS	0	0	15	0	15	25	25	0	0	0	0	0	0	80		0	
	SUBTOTAL FC 120 (120)	\$0.00	\$0.00	\$3,099.15	\$0.00	\$2,573.55	\$3,957.00	\$3,594.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,224.20	\$13,224.20		

DIRECT EXPENSES		QUANTITY	COST/UNIT	UNIT	TOTAL
	MILEAGE	300	0.7	mile	\$ 210.00
	Lodging/Hotel - Taxes and Fees			day/person	\$ -
	Lodging/Hotel - Taxes and Fees not included			day/person	\$ -
	Meals (Excluding alcohol & tips) (Overnight stay required)			day/person	\$ -
	Rental Car (includes taxes and fees; insurance costs will not be reimbursed)			day	\$ -
	Rental Car Fuel			gallon	\$ -
	Taxi/ Cab fare (Includes Rideshare)			each/person	\$ -
	Bus Travel over 100 miles			Rd Trip/person	\$ -
	Toll charges			day	\$ -
	SUV or ATV Rental (includes taxes and fees; insurance costs will not be reimbursed)			day	\$ -
	External Hard Drive			each	\$ -
	Standard Postage			letter	\$ -
	Cardstock Color (8 1/2" X 11")			each	\$ -
	Photocopies B/W (11"x17")			each	\$ -
	Photocopies B/W (8 1/2"x11")			each	\$ -
	Photocopies Color (11"x17")			each	\$ -
	Photocopies Color (8 1/2" x 11")			each	\$ -
	Plots (B/W on Bond)			per sq. ft.	\$ -
	Plots (Color on Bond)			per sq. ft.	\$ -
	SUBTOTAL DIRECT EXPENSES				\$ 210.00

	GRAND TOTAL				\$13,434.20
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