

Clay County Agreement/Contract No. 2020/2021-228 AM4

**FOURTH AMENDMENT TO AGREEMENT FOR PROFESSIONAL ENGINEERING
DESIGN CONSULTANT SERVICES FOR THE BONDED TRANSPORTATION
PROGRAM CONSTRUCTION MANAGEMENT AT RISK GROUP #1
[GAI Consultants, Inc.]**

This Fourth Amendment to Agreement for Professional Engineering Design Consultant Services for the Bonded Transportation Program Construction Management At Risk Group #1 (“Fourth Amendment”) is made and entered into on this ____ day of March, 2023 by and between Clay County, a political subdivision of the State of Florida (the “County”) and GAI Consultants, Inc., a Pennsylvania Corporation (“Consultant”).

RECITALS

WHEREAS, the County sold Sales Surtax Revenue Bonds, Series 2020 to finance the costs of the acquisition and construction of certain roadway improvements in the County referred to by the County as the Bonded Transportation Program (“BTP”); and

WHEREAS, on September 8, 2020, the County entered into an Agreement with WGI, Inc. (“Owner Rep”) wherein the Owner Rep agreed to serve as the County’s representative to oversee the design and construction (by others) in relation to the BTP; and

WHEREAS, on July 27, 2021, the parties entered into an Agreement for Professional Engineering Design Consultant Services for the Bonded Transportation Program Construction Management At Risk Group #1, Clay County Agreement/Contract No. 2020/2021-228 (“Agreement”), incorporated herein by reference, wherein the Consultant agreed to provide Engineering Design Consultant Services for the design of CMAR Group #1, Project 3 (CR 209 from Sandridge Road to CR 315B) and Project 4 (Sandridge Road (CR 739B) from Henley Road (CR 739) to West of Russell Road (CR 209)); and

WHEREAS, on September 14, 2021, the County entered into a Phase 1 Preconstruction Agreement with Kiewit Infrastructure South Co. (“Kiewit”) for CMAR Group #1, Projects 3 and 4, Clay County Agreement/Contract No. 2020/2021-260 (“Phase 1 Agreement”), wherein Kiewit agreed to provide Phase 1 preconstruction design phase assistance, to collaborate with the Owner Rep, the Consultant, and the County (Project Team) to develop an open book Guaranteed Maximum Price (“GMP”) proposal tied to a final completion date for the construction of the two roadway projects, and to complete Phase 2 construction if the GMP for Project 3 and/or Project 4 is accepted by the County; and

WHEREAS, on March 8, 2022, the parties entered into the First Amendment to the Agreement, incorporated herein by reference, to amend the Scope of Services to include the roundabout study, typical analysis, and Sandridge realignment in relation to Project 3 in the total amount of \$315,509.16; and

WHEREAS, on July 12, 2022, the parties entered into the Second Amendment to the

Agreement, incorporated herein by reference, to amend the Scope of Services to include the Value Engineering services in relation to Project 4 in the total amount of \$75,755.07 and amend the construction design document completion date for Project 3 until March 23, 2023; and

WHEREAS, on March 28, 2023, the parties entered into the Third Amendment to the Agreement, incorporated herein by reference, to amend the Scope of Services to include the Operational Improvements associated with Project 3 to include the development of standalone plan sets for the modification of Project 3 plans along Russell Road south of CR 209B to reduce the scope to include safety improvements at Oak Stream Drive and Watkins Road and to develop standalone plan sets for realignment of Sandridge Road with CR 209B and roundabout at CR 209 and CR 209B in the total amount of \$248,628.35 (Operational Improvements), establish construction design document completion dates for the Operational Improvements, reduce the incentives amount by (-\$84,000) resulting in a total net increase in the amount of \$164,628.35 to the total contract sum under the Third Amendment, and amend the construction design document completion date for Project 3 until June 30, 2023; and

WHEREAS, the Consultant previously completed a set of contract documents/plans including 30%, 60%, and 90% plans, specifications, supporting engineering analysis, calculations, and other technical documents for the construction of Project 4 (“Contract Plans”); and

WHEREAS, on October 25, 2022, the County entered into an agreement with Kiewit for Phase 2 Construction of Project 4, Clay County Agreement/Contract No.: 2022/2023-18, wherein Kiewit agreed to construct Project 4 in accordance with the Contract Plans and approved GMP; and

WHEREAS, Clay County Utility Authority (CCUA) desires to perform utility work improvement and relocation within the County right of way and CCUA utility easements adjacent to the road work improvements (Utility Work) associated with Project 4 in which the County is currently engaged in the design and construction of road work improvements for Sandridge Road (Road Work); and

WHEREAS, on January 10, 2023, the County entered into an Interlocal Agreement with CCUA Re: Road Work and Utility Work for the Improvement of Sandridge Road, Clay County Agreement/Contract No.: 2022/2023-80 (“Interlocal Agreement”), to address CCUA’s coordination with the County to have CCUA’s Utility Work performed at the same time as the Road Work utilizing the County’s contracts for design with GAI and construction with Kiewit; and

WHEREAS, in accordance with the Interlocal Agreement, CCUA has agreed to pay the County for certain costs associated with the incorporation of the Utility Work into the County’s contracts for the design and construction of the Road Work so that both the Road Work and the Utility Work may be completed as an integrated whole; and

WHEREAS, CCUA has requested that the County seek an amendment to the County's Agreement with the Consultant to include design services to develop the plan and specifications necessary to construct the Utility Work; and

WHEREAS, GAI has prepared a scope of services and fee proposal for the design of the Utility Work which has been reviewed and approved by CCUA and is attached hereto with Attachment G; and

WHEREAS, the Agreement provides that additional services to be provided by the Consultant that are not covered under the Agreement but are beneficial to the BTP can be made a part of the Agreement by a written amendment; and

WHEREAS, the parties desire to amend the Agreement to provide for the Consultant's engineering and design services and post-design services for the design of the Utility Work for CCUA in the amount of \$35,303.54; and

WHEREAS, the Agreement may only be modified or amended upon mutual written agreement of the County and the Consultant; and

WHEREAS, the parties desire to enter into this Fourth Amendment to amend the Scope of Services to include design Services necessary to construct the Utility Work in relation to Project 4, add a new provision 4.5 and amend provision 7.1 of the Agreement, amend Attachment F (Consultant's Estimate of Work Effort), and amend Attachment G (Consultant's Clarifications to RFQ Scope of Services) as set forth herein.

NOW THEREFORE, in consideration of the foregoing Recitals, the mutual covenants and promises set forth herein, and for other good and valuable consideration, the receipt of which is hereby acknowledged and all objections to the sufficiency and adequacy of which are hereby waived, the parties agree as follows:

1. The above recitals are true and correct and are incorporated herein by reference.
2. The Scope of Services to be performed by the Consultant under the Agreement, as previously amended, are hereby amended to include design and post-design Services necessary to construct the Utility Work in relation to Project 4 as described in the Consultant's Supplemental Clarifications to the RFQ Scope of Services attached hereto as Attachment G in the amount of \$35,303.54.
3. The Agreement is hereby amended to add a new provision 4.5 under Section 4 of the Agreement as follows:
 - 4.5. The Consultant shall continue to provide post-design Services through the construction close-out/final inspection for the work associated with CMAR Group #1 Projects. The post-design Services for the work associated with Project 4 shall include both the Road Work and Utility Work.

4. Provision 7.1 in Section 7 of the Agreement, as amended, is hereby amended and replaced in its entirety with the following:

7.1. The County agrees to pay the Consultant for the Services performed for CMAR Group #1 Projects in accordance with the terms of this Agreement on a lump sum for design services and cost reimbursement basis for post-design services in an amount that **shall not exceed the total sum of \$3,985,985.40**. This amount includes the Services performed by the Consultant and its subconsultants, travel, overtime, man-hours, materials, equipment, supplies, labor, overhead, profit, and all other costs, expenses and reimbursables associated with the Consultant's performance of the Services.

5. The one page Project Fee Summary/cover sheet to Attachment F (Consultant's Estimate of Work Effort) to the Agreement, as amended, is hereby removed and replaced with the amended one page Project Fee Summary/cover sheet attached to this Fourth Amendment as Attachment F (Consultant's Estimate of Work Effort) which amends the total not to exceed amount to include the design and post-design Services for the Utility Work related to Project 4.

6. Attachment G (Consultant's Clarifications to RFQ Scope of Services) to the Agreement, as amended, is hereby removed and replaced in its entirety with Attachment G (Consultant's Clarifications to RFQ Scope of Services) attached to this Fourth Amendment which includes scope clarifications addressing the design and post-design Services for the Utility Work related to Project 4.

7. All provisions in the Agreement, as amended, and any amendments, attachments, schedules or exhibits thereto in conflict with this Fourth Amendment shall be and hereby are changed to conform to this Fourth Amendment.

8. Except as expressly provided herein, all other terms and conditions of the Agreement, as amended, not affected by this Fourth Amendment are incorporated herein and shall remain in full force and effect.

9. The parties agree to utilize electronic signatures and that the digital signatures of the parties set forth below are intended to authenticate this Fourth Amendment and have the same force and effect as manual written signatures. Each person signing on behalf of the parties represents and warrants that he/she has full authority to execute this Fourth Amendment on behalf of such party and that the Fourth Amendment will constitute a legal and binding obligation of such party.

[Signatures appear on the following page.]

IN WITNESS WHEREOF, the parties hereto have executed this Fourth Amendment to the Agreement as of the date and year first written above.

GAI CONSULTANTS, INC.

By: _____

Print Name: _____

Print Title: _____

CLAY COUNTY, a political subdivision of the State of Florida

By: _____

Betsy Condon
Its Chairman

ATTEST:

Tara S. Green
Clay County Clerk of Court and Comptroller
Ex Officio Clerk to the Board

Total Amount	\$3,394,789.28
AM1	\$ 315,509.16
AM2	\$ 75,755.07
AM3	\$ 164,628.35
AM4	\$ 35,303.54
Adjusted Total Amount	\$3,985,985.40

ATTACHMENT F
CONSULTANT'S
ESTIMATE OF
WORK EFFORT

ATTACHMENT F

Clay County Bonded Transportation Program

CMAR Projects Group 1

Project Fee Summary - Supplement 4

GAI Consultants

March 22, 2023

Design Services			
Task	Contract Type	Project 3 Russell Rd 16,411 ft	Project 4 Sandridge Rd 14,851 ft
90% Plans	Lump Sum	\$1,456,224.80	\$1,384,534.93
Post Design	Limiting Amount	\$118,230.14	\$99,799.41
Total Incentive	Lump Sum	\$168,000.00	\$168,000.00
Roundabout Study	S01 Lump Sum	\$59,915.12	
Typical Analysis	S01 Lump Sum	\$121,798.06	
Sandridge Realign	S01 Lump Sum	\$183,325.21	
<i>Signal Credit</i>	<i>S01 Lump Sum</i>	-\$49,529.23	
Project 4 VE	S02 Lump Sum		\$75,755.07
Project 3 Reduction	S03 Lump Sum	\$248,628.35	
<i>Incentive Reduction</i>	<i>S03 Lump Sum</i>	-\$42,000.00	-\$42,000.00
CCUA Design	S04 Lump Sum		\$35,303.54
Project Total		\$2,264,592.45	\$1,721,392.95

CMAR Group 1 Total	
Original Fee	\$3,394,789.28
Supplement 01	\$315,509.16
Supplement 02	\$75,755.07
Supplement 03	\$164,628.35
Supplement 04	\$35,303.54
Design Fee	\$3,985,985.40

Optional Services			
Task	Contract Type	Project 3	Project 4
Prepare Bid Plans	Limiting Amount	\$81,714.14	\$81,714.14
Develop 3D Model	Lump Sum	\$55,886.26	\$89,939.19
Ped Bridge	Lump Sum	\$262,648.65	

**ATTACHMENT G
CONSULTANT'S
CLARIFICATIONS
TO RFQ SCOPE
OF SERVICES**

ATTACHMENT G
CLARIFICATIONS TO SCOPE OF SERVICES FOR
REQUEST FOR QUALIFICATIONS NO. 20/21-37
PROFESSIONAL ENGINEERING DESIGN CONSULTANT SERVICES FOR THE
BONDED TRANSPORTATION PROGRAM (BTP)
CONSTRUCTION MANAGEMENT AT RISK (CMAR) GROUP #1

SUPPLEMENTAL AGREEMENT 4

General Clarifications

Project 3 begins at Station 235+17.48 on the alignment depicted in RFQ Addendum 1.

Projects 4A and 4B are combined into a single Project 4, which end at Station 235+17.48.

The incentive and disincentive values for Projects 4A and 4B in the table in RFQ Addendum 1 are combined for a single Project 4.

Submittal reviews shall take two weeks (14 calendar days).

Coordination with third parties, other than utilities and regulatory agencies, will be handled by the Owner's Rep. GAI cannot be responsible for design schedule impacts caused by coordination activities that are the responsibility of the Owner's Rep.

Supplement 1

Sandridge Road will be realigned to connect to Russell Road at the existing intersection of Russell Road and CR 209B. This intersection will be evaluated for a roundabout in accordance with FDOT design criteria. The existing intersection of Sandridge Road and Russell Road will not require a signal. Existing Sandridge Road from Russell Road west to the point of realignment will either be removed or terminated in a cul-de-sac.

The GAI Team has completed a typical section analysis to determine the preferred typical section of Russell Road from CR 209B to Peters Creek. After considering various combinations of three lane, four lane, rural, and urban options, the decision is made to build a three lane urban typical section from the new roundabout to south of Watkins Road and a two lane urban divided typical section from south of Watkins Road to Peters Creek.

Supplement 2

Through the Value Engineering process, the following changes will be made to the Sandridge Road design:

- Reduce the travel lane to 11 feet and the bike lane to 4'. This will be accomplished by shifting the median curb outwards. Right turn lanes will be 10 feet to accommodate a 5 foot keyhole for bicycles.
- An approximately 1,000 foot section of Sandridge Road at Bradley Creek will be widened and resurfaced rather than reconstructed. The proposed sidewalk along the north side of the road will be removed from the plans.

- The Traffic Control Plan will be adjusted to allow full closure of Sandridge Road at Lake Asbury Elementary and Junior High for reconstruction.

The project milestones are adjusted as follows:

- Project 3 90% Plans for GMP: 1/24/2023
- Project 3 Permits Approved: 3/7/2023
- Project 3 Construction Documents Complete: 3/23/2023
- Project 4 90% Plans for GMP: 10/6/2022
- Project 4 Permits Approved: 11/17/2022
- Project 4 Construction Documents Complete: 12/8/2022

Supplement 3

GAI will work with the County and Owner’s Representative to secure a TIIFT Easement for the CR 209 crossing of Peter’s Creek. This effort includes demonstrating that the County has upland riparian interest.

The County acknowledges that the permits for Projects 3 and 4 were delayed for reasons beyond GAI’s control. GAI will therefore not be subjected to disincentives related to this milestone.

GAI will develop the Sandridge Road widening, realignment, and roundabout portions of the 90% Project 3 plans into a standalone plan set.

The GAI Team will modify the 90% Project 3 plans along Russell Road south of CR 209B to reduce the scope to include safety improvements only at Oak Stream Drive and Watkins Road. This will be developed as a standalone construction plan set. Drainage design will be re-evaluated, and environmental permits will be updated to show these safety improvements as “Phase 1” of the overall project as previously designed. Temporary Traffic Control Plans will be included to show the 3 major phases of construction. Signing and marking plans will be updated to include the intersection improvements.

Additionally, the GAI Team will evaluate the feasibility of and best location for a sidewalk between Sandridge Road and Watkins Road with a one-page memo to summarize the findings.

Supplement 4

GAI will prepare Utility Work by Highway Contractor plans for modifications of the Clay County Utility Authority’s raw water, potable water, sanitary sewer (gravity and force), and reclaimed water facilities in the Project 4 corridor to accommodate the proposed roadway improvements. See attached CCUA Scope and Fee for more details.

3. Project General Tasks

3.1.5 Driveway Modification Letters: These will be prepared by the Owner’s Rep.

3.3.2 of FDOT Staff Hour Form: Estimated Quantities Report Preparation: This is not required per Owner’s Rep.

4. Drainage Analysis

4.06 Design of Stormwater Management Facility: GAI will design and permit 5 ponds for Project 3 and 4 ponds for Project 4. The remaining ponds identified on the Pond Siting Report will be designed, permitted and constructed by developers.

At NTP, the Owner's Rep shall provide to GAI the pond siting report and all available support documentation and calculations. Regarding ponds that are being built by Developers and used for this project's stormwater management, the Owner's Rep will obtain from those Developers details and calculations necessary to support GAI's permitting effort. A delay in providing this information would be a delay beyond GAI's control and could impact the schedule.

Supplement 1

The GAI Team completed additional pond siting analysis for Project 3 to account for the varying elevations of the project area and to assess the drainage needs of the various typical section options considered for Russell Road.

Supplement 3

The GAI Team will analyze and design an additional pond located within the existing Sandridge Road right of way, east of the realignment. The GAI Team will analyze previously designed Pond 1 and Pond 2 due to modified basin boundaries.

Pond 1 will be shifted southward to avoid a newly established CCUA easement along the south side of Sandridge Road. The Pond 1 outfall structure will be redesigned to avoid newly install CCUA facilities and to connect to the cross drain extension recently constructed by the Annabelle Island developer.

The GAI Team will modify the 90% drainage collection and treatment scheme to support the reduced scope of improvements. Drainage design will be re-evaluated without the construction of SMF 7, and environmental permits will be modified to show the safety improvements as "Phase 1" of the overall project as previously designed. Routing of existing runoff to treatment ponds will be necessary for compensatory treatment in both basins. Calculations will be updated to show that Phase 1 can be constructed with compensatory treatment.

5. Roadway Analysis

5.01 Typical Section Package: This is not required per the Owner's Rep.

5.02 Survey: At NTP, the Owner's Rep will provide survey of the roadway. The Owner's Rep will obtain survey of pond sites that GAI will design after GAI confirms the pond site is required. Any additional survey that should be required during design will be obtained by the Owner's Rep.

Supplement 1

The Owner's Rep will provide a survey of the proposed Sandridge realignment and roundabout. This survey will extend beyond the proposed right of way line and include wetland lines and parcel boundaries.

5.03: GAI will not be responsible for setting project controls for the Contractor.

Supplement 3

The GAI Team will modify the 90% Project 3 plans into two separate plan sets. The first set will consist of the Sandridge Road widening, realignment and roundabout. The second set will be a modification of the design along Russell Road south of CR 209B to reduce the scope to include safety improvements only at Oak Stream Drive and Watkins Road. The design will be limited to widening Russell Road to provide left and right turn lanes at both Oak Stream Drive and Watkins Road along with the realignment of Watkins Road. Design updates will include temporary traffic control, signing, pavement marking, and miscellaneous details.

6. Roadway Plans

- Reference points and project controls will be provided by the Owner's Rep.
- Back of Sidewalk profiles are not necessary.
- Cross Sections will be spaced every 100 feet.
- Optional Materials Tabulations need not be included in the plans.

Supplement 3

The GAI Team will develop standalone plan sets for the Sandridge Road reconstruction/realignment/roundabout in Project 3 and the safety improvements at the Russell Road intersections with Oak Stream Drive and Watkins Road.

9. Environmental Services and Permits

Permit application fees will be paid by the County.

9.02.1 Establish Wetland Jurisdictional Lines and Assessments: At NTP, the Owner's Rep shall provide a survey of the delineation of the landward extents of wetlands and surface waters for the project.

At NTP, Owner's Rep shall provide a written assessment of the current condition and functional value of the wetlands and other surface waters. The Owner's Rep shall provide data in tabular form which includes the ID number for each wetland impacted, size of wetland to be impacted, type of impact and identify any wetland within the project limits that will not be impacted by the project.

9.02.2 Agency Verification of Wetland Data: The Owner's Rep shall be responsible for verification of wetland data identified in Section 8.3 and coordinating regulatory agency field reviews, including finalization of wetland assessments with applicable agencies, and responding to wetland related Requests for Additional Information by the reviewing agency.

Supplement 1

If not already completed, the Owner's Rep shall also schedule and conduct site reviews with the St. Johns River Water Management District and/or the US Army Corps of Engineers to field verify the delineation of the landward extents of wetlands and surface waters for the project. The Owner's Rep shall provide written verification that the delineation was accepted without change, or the Owner's Rep shall provide an updated survey reflecting the adjustments / modifications to the delineation made by the agency(s). The Owner's Rep shall provide written verification of the acceptance of the delineation, or an updated survey depicting the agency adjustments, within 90 days of NTP.

Wetland delineation/assessment and listed species surveys for the realignment of Sandridge Road will be completed by the Owner's Rep.

Supplement 3

The GAI Team will modify the environmental permits to show the safety improvements as "Phase 1" of the overall project as previously designed. Compensatory treatment of existing pavement runoff will be included in the Phase 1 calculations.

12. Signalization Analysis & Plans

12.3 Signal Warrant Study: This is not required per the Owner's Rep.

12.6 Reference and Master Interconnect Communication Design File: This is not required per the Owner's Rep.

Supplement 1

A traffic signal will not be installed at the intersection of Sandridge Road and Russell Road. Any work beyond the preliminary layouts already prepared will not be necessary. The lighting analysis and design associated with the signal will instead be applied to the roundabout.

14. Post Design Services

The post design services are a limiting amount agreement based on the following assumptions:

- 4 Revisions and 20 RFI's for Project 3
- 3 Revisions and 10 RFI's for Project 4
- Minimal involvement during the construction phase – questions that arise during construction will be handled primarily by the CEI and Owner's Rep.
- Regular attendance at construction progress meetings will not be necessary.
- As-built survey will be the responsibility of the Contractor or CE



Jacksonville Office
12574 Flagler Center Blvd
Suite 202
Jacksonville, Florida 32258

T 904.363.1110
F 904.363.1115

December 20, 2022

Joseph Paterniti
Clay County Utility Authority
3176 Old Jennings Road
Middleburg, FL 32068

Subject: CCUA Water, Sewer, and Reclaimed Design Services for Clay County Bonded Transportation Program Project 4 (Sandridge Road)

Dear Mr. Paterniti,

GAI Consultants, Inc. (GAI) respectfully submits the following Scope of Services and Fee Proposal for engineering design services for the subject contract, per your request on July 8, 2022.

The proposed utility relocations will be designed in conjunction with the Sandridge Road project (Bonded Transportation Program Project #4) for Clay County. This project reconstructs Sandridge Road as a two-lane divided urban roadway with a raised median, curbs, sidewalks, and open drainage. It begins at Henley Road and ties to BTP Project 3 near Russell Haven Cemetery.

The Sandridge Road project is being delivered as Construction Management at Risk. The County has already selected a Contractor, who will provide a Guaranteed Maximum Price after 90% plans completion.

Scope of Services:

The Scope of Services for the new water main design and construction plans are as follows:

- Adjustment of existing water main to avoid the proposed stormwater pipes at approximately 8 locations between Henley Road and Ronnie Van Zant Park as follows:
 - New water crossing and connections at Station 92+80
 - Case A or B crossing in main near Station 94+00
 - Locate and protect existing main near Station 107+00
 - Case A or B crossing in main near Station 108+00
 - New water crossing and connections at Station 110+60
 - Case A or B crossing in main near Station 114+60
 - Case A or B crossing and connections at Station 120+20
- Installation of a new 12" sanitary force main in the County right of way from Station 162+50 to Station 169+40 as follows:
 - Directional drill under Bradley Creek
 - No service connections
- Replacement of the 2.5" water service to Ronnie Van Zant Park and of a 2.5" sewer service near Station 89+26
- Connections of water mains and force mains to existing facilities will be made through nighttime shut-downs unless otherwise directed by CCUA. Provision is made for 1 Team valve and 4 wet taps.
- CCUA is to provide as-built plans and GIS information to GAI at the beginning and end of the project for connection to their existing water supply system where necessary. CCUA will also provide Division 0 and Division 1 specifications.
- Permitting as follows:
 - GAI will obtain a Florida DEP permit for the force main directional drill
 - GAI will submit the CCUA self-permit application for the other improvements
 - GAI will prepare Clay County right of way permit applications
- All work will be completed within County right of way or CCUA easement

- GAI will provide plans and quantities to CCUA for review at 60% and 90%. CCUA will have 1 week to review and provide comments.
- After 90% plans, the County's CMAR contractor will provide a Guaranteed Maximum price to the County for the utility work in the plans. The plans will then be finalized, signed and sealed, and released for construction. County and CCUA will review prior to finalizing.
- GAI will participate in kickoff and review meetings.
- Post Design services to complete field reviews, attend construction meetings, respond to RFI's and approve shop drawings have also been included as a separate limiting amount line item.

Fee Proposal:

These above services will be completed for a fee as follows:

GAI Engineering and Design (Lump Sum): \$28,489.10

GAI Post Design (Limiting Amount): \$6,814.44

Total Fee: \$35,303.54

The conflicts between the CCUA facilities and the proposed roadway improvements are generally split evenly between the County right of way and the CCUA easement. The directionally drilled force main, which requires FDEP permitting, is a CCUA request and is not the result of a conflict. Therefore, the design and post design fee may be divided out as follows:

- 40% for addressing conflicts within CCUA easement: \$14,121.42
- 40% for addressing conflicts within the County right of way: \$14,121.42
- 20% for design and permitting of the proposed force main directional drill: \$7060.70

Exclusions:

- No Geotechnical Investigation is expected or included in this scope and fee as the water main is to be installed by open cut at a depth of 36 inches of cover per standards. Geotechnical Investigation for the force main directional drill also is not necessary.
- No additional survey is expected or included as part of this scope and fee proposal.
- No construction engineering inspection services are included in this scope of services.

Design Schedule:

A design schedule will be provided within 10 days of Notice to Proceed (NTP).

Thank you for giving us the opportunity to submit this proposal and providing you with the above service. We trust that this proposal meets with your expectations. Please if you have any questions or need additional information related to this proposal, do not hesitate to contact us.

Sincerely,

Robert B Jamieson
Digitally signed by
Robert B Jamieson
Date: 2023.03.06
11:19:17-05'00'

Robert B Jamieson, P.E.
Project Manager

**CONTRACT FEE SUMMARY FOR
Sandridge Road Water & Sewer Design**

PART I - GENERAL				
1. Project - Clay County Bonded Transportation Program Project 4 - Sandridge Road			2. Project Number	
3. Name of Consultant GAI Consultants, Inc.			4. Date of Proposal 10/19/2022	
PART II - DESIGN & MANAGEMENT COSTS				
5. DIRECT LABOR	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Chief Engineer 2	\$ 330.73	10	\$ 3,307.30	
Project Manager 2	\$ 247.75	22	\$ 5,450.50	
Senior Engineer 1	\$ 190.46	12	\$ 2,285.52	
Engineer 2	\$ 193.19	12	\$ 2,318.28	
Engineer 1	\$ 143.07	12	\$ 1,716.84	
Senior Designer	\$ 137.29	24	\$ 3,294.96	
Designer	\$ 95.55	20	\$ 1,911.00	
Engineer Intern	\$ 111.35	60	\$ 6,681.00	
Contract Coordinator	\$ 152.37	10	\$ 1,523.70	
DESIGN & MANAGEMENT COSTS				\$ 28,489.10
PART III - POST DESIGN SERVICES COSTS				
5. DIRECT LABOR	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Chief Engineer	\$ 312.48	0	\$ 0.00	
Project Manager	\$ 239.58	12	\$ 2,874.96	
Senior Engineer 1	\$ 204.47	10	\$ 2,044.70	
Engineer 2	\$ 177.57	0	\$ 0.00	
Senior Designer	\$ 130.83	10	\$ 1,308.30	
Contract Coordinator	\$ 146.62	4	\$ 586.48	
POST DESIGN SERVICES COSTS				\$ 6,814.44
PART IV - SUBCONTRACTS				
7. SUBCONTRACTS				
SUBCONTRACT SUB-TOTAL				
PART VI - SUMMARY				
TOTAL AMOUNT				\$ 35,303.54