

**THIRD AMENDMENT TO AGREEMENT FOR PROFESSIONAL ENGINEERING
DESIGN SERVICES FOR WILLIAM BURGESS EXTENSION
FOR NASSAU COUNTY, FLORIDA**

THIS THIRD AMENDMENT TO THE AGREEMENT FOR PROFESSIONAL ENGINEERING DESIGN SERVICES FOR WILLIAM BURGESS EXTENSION FOR NASSAU COUNTY, FLORIDA (hereinafter “Amendment”) is made by and between the **BOARD OF COUNTY COMMISSIONERS OF NASSAU COUNTY, FLORIDA**, a political subdivision of the State of Florida (hereinafter the “County”), and **GAI CONSULTANTS, INC.**, a business having its primary business location at 1301 Riverplace Blvd, Suite 900, Jacksonville, FL 32207 (hereinafter the “Consultant”).

WITNESSETH:

WHEREAS, the Parties previously entered into an Agreement for Professional Engineering Design Services for William Burgess Extension for Nassau County, Florida dated December 9, 2019 (hereinafter “Agreement”) which was subsequently amended by way of *Amendment No. 1 to the Agreement for Professional Engineering Design Services for William Burgess Extension for Nassau County, Florida* on May 10, 2021 extending the performance period through June 9, 2022 and amended again on May 3, 2024 via the *Second Amendment to Agreement for Professional Engineering Design Services for William Burgess Extension for Nassau County, Florida* extending the performance period to August 31, 2025; and

WHEREAS, on May 24, 2024, the Consultant submitted a Scope of Services and Fee Proposal for post-design engineering services, a copy of which is attached hereto and incorporated herein as Exhibit “A”; and

WHEREAS, on August 23, 2024 the Consultant submitted a Scope of Services and Fee Proposal for additional services for assistance in completing the requisite Cultural Resource Assessment Survey (CRAS) in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended, a copy of which is attached hereto and incorporated herein as Exhibit “B” ; and

WHEREAS, the Parties now desire to amend the Agreement terms and conditions subject to the provisions contained herein.

NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, the Parties do agree to amend the Agreement as follows:

SECTION 1. Article 2 of the Agreement is hereby amended to include additional post-design services as outlined in Exhibit “A” attached hereto and additional services for assistance in completing the requisite Cultural Resource Assessment Survey (CRAS) as outlined in Exhibit “B” attached hereto.

SECTION 2. Article 5 of the Agreement is hereby amended to add additional compensation in the amount of Two Hundred Forty Thousand, One Hundred Seventy-One Dollars and Zero Cents (\$240,171.00), increasing the total compensation amount owed to the Vendor to

CM2785-A3

One Million, Four Hundred Eighty-Three Thousand, Nine Hundred Forty-Two Dollars and Zero Cents (\$1,483,942.00) for the additional post-design services to be rendered pursuant to Exhibit "A" and Exhibit "B".

SECTION 3. Upon execution of this Amendment, and in accordance with Section 787.06, Florida Statutes, the Vendor shall provide the County an affidavit, on a form approved by the County, signed by an officer or a representative of the Vendor under penalty of perjury attesting that the Vendor does not use coercion for labor or services as defined in Section 787.06, Florida Statutes.

SECTION 4. All other terms and conditions of the Agreement not inconsistent with the provisions of this Amendment shall remain the same and in full force and effect.

[The remainder of this page left intentionally blank.]

CM2785-A3

IN WITNESS WHEREOF, the Parties have caused this Amendment to be executed by its duly authorized representatives, effective as of the last date below.

THE COUNTY:

BOARD OF COUNTY COMMISSIONERS

NASSAU COUNTY, FLORIDA

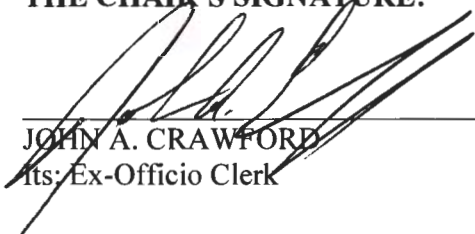
Signature: _____

Print Name: JOHN F. MARTIN

Title: Chairman

Date: 12-9-24

**ATTEST AS TO THE AUTHENTICITY OF
THE CHAIR'S SIGNATURE:**



JOHN A. CRAWFORD
Its: Ex-Officio Clerk

REVIEWED FOR LEGAL FORM AND CONTENT:

Denise C. May, Esq., BCS
DENISE C. MAY, County Attorney

**VENDOR:
GAI CONSULTANTS, INC.**

Signature: Ronald F. Hoogland

By: RONALD F. HOOGLAND

Title: Director, Engineering

Date: 11/22/2024



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

T 904.363.1110
F 904.363.1115

May 21, 2024

GAI Project No.: B190839.00

Mr. Robert Companion, PE
County Engineer
Nassau County Engineering Services
96161 Nassau Place
Yulee, FL 32097
Sent Via E-mail: rcompanion@nassaucountyfl.com

Subject: Post Design Services NC24-010 WBB Extension

GAI Consultants, Inc. (GAI) respectfully submits the following Scope of Services and Fee Proposal for post design services for the subject contract.

Please find attached Exhibit A showing the man hour distributions.

Post Design Services:

Attendance to meetings (Preconstruction, progress and field reviews)
Shop Drawing Reviews
Request for Information
Review of As-builts
Plan Revisions

Does not include construction engineering inspection services.

The below post design fee will be billed on an hourly, reimbursable, not to exceed basis and is based on an 18-month expected construction duration.

Total Hourly Post Design Fee (Exhibit A):

\$191,511

Feel free to call me on my mobile line 904-237-2466.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Hoogland'.

Ronald Hoogland, P.E.
Assistant Vice President

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT (Exhibit A)

Name of Project:
County:
BID:

WBB
Nassau County
24-010

Post Design Support Services

Consultant Name: GAI Consultants, Inc.
Consultant No.: B190839
Date: 5-20-24

Estimator: RH

[illegible]

EXHIBIT "B"

Jacksonville Office
12574 Flagler Center Blvd
Suite 202
Jacksonville, Florida 32801

T 904.363.1110
F 904.363.1115

August 26, 2024

Project B190839.00

Scott Pedigo, P.E., PTOE
Senior Project Manager
Nassau County Capital Projects Management
96161 Nassau Place | Yulee, FL 32097

Proposal
Cultural Resource Assessment Survey
William Burgess Boulevard Extension Project
Yulee, Florida

Dear Mr Pedigo:

GAI Consultants, Inc. (GAI) appreciates the opportunity to submit this proposal to the County of Nassau to assist with the William Burgess Extension Project (Project). We understand the Project involves the extension of William Burgess Boulevard from US Highway 17 to Miner Road. The corridor will include two lanes, sidewalk, shared use path and bicycle lanes. Additionally, drainage will include curb, gutter and inlets for a piped collection to three new roadway ponds, one new joint-use pond, and a modified existing joint-use pond at the Yulee High School. The purpose of the Project is to improve public roadway capacity, safety, and transit options in the City of Yulee, Nassau County, Florida. It is GAI's understanding that the limits of ground disturbance (LOD) associated with the Project will include a 9,916-foot-long corridor, with width ranging between 33 and 314 feet. In total, GAI assumes the Project LOD encompasses 38 acres.

Scope of Services

In an email dated August 20, 2024, the US Army Corps of Engineers (USACE) responded to the Project's 404 permit application requiring a Cultural Resource Assessment Survey (CRAS) be conducted across the Project's footprint. GAI will complete the CRAS in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended; the Procedures for the Protection of Historic and Cultural Properties as set forth in Title 36 of the Code of Federal Regulations, Part 800 (36CFR800); as well as the SHPO's *Module Three Guidelines for Use by Historic Preservation Professionals* (SHPO 2024). This work will consist of the following tasks:

Task 1: Background Research and Agency Coordination

- The background research task will involve a review of data from the Florida Master Site File (FMSF), including previously recorded archaeological resources, architectural and historical resources, and prior cultural resources investigations in the Project area.
- GAI will also review historical maps, National Register of Historic Places (NRHP) and National Historic Landmarks listings, and other historical data to assess the Project area's potential to contain unrecorded cultural resources and to develop a context for evaluating resources identified within the Project area.
- GAI will consult with the USACE regulatory archaeologist as needed.

Task 2: Phase I Archaeological Survey

- GAI assumes that the archaeological survey portion of the CRAS will consist of an initial pedestrian reconnaissance survey of the Project LOD to assess locations of High, Moderate,

and Low Probability Zones (HPZ, MPZ, and LPZ) in the Project LOD. HPZ and MPZ are areas with well-drained soils lacking prior ground disturbance. LPZ have minimal potential to yield archaeological deposits due to existing ground disturbance. Given that the proposed Project contains existing ground disturbance from buried utilities, recent development, silviculture, and intersecting roads and driveways, GAI anticipates that the LOD will be LPZ, based on a preliminary review of Project mapping.

- Subsequent to the initial pedestrian reconnaissance survey of the Project LOD, GAI will conduct systematic shovel test at least 10 percent of LPZ areas at 328-foot intervals. Judgmentally placed shovel test pits (STPs) will also be excavated in the Project LOD at the discretion of the Field Director and Principal Investigator. LPZ with existing buried utilities and asphalt, gravel, and concrete surfaces will be mapped with a handheld sub-foot Global Positioning System (GPS), photographed, and excluded from subsurface testing.
- STPs will measure 19.7 inches in diameter and will, on average, be excavated to a maximum depth of 3.3 feet below ground surface. Excavated soils will be screened through 0.25-inch hardware mesh for systematic artifact recovery. If identified, artifacts will be bagged according to provenience. STPs will be recorded on standardized field forms, noting depths of soil horizons, soil texture and Munsell color, and presence of artifacts. STP locations will be recorded on Project maps and will be backfilled upon their completion. Additionally, STPs will be located by way of a mapping grade, handheld GPS and documented with photographs, as appropriate.
- If artifacts are identified during shovel testing, GAI will delineate archaeological resource boundaries by way of excavation of 33-foot interval STPs in grid cardinal directions surrounding the initial positive STP(s) within the Project LOD, in accordance with SHPO guidelines.
- GAI assumes excavation of up to 30 STPs in the LOD.
- GAI assumes identification of one newly recorded archaeological resource and recovery of up to 25 artifacts requiring laboratory processing, analysis, and completion of a site form.
- Given the existing vegetation in the LOD, GAI assumes poor ground surface visibility that will preclude archaeological survey by way of surface collection.
- GAI assumes that the Project LOD will be readily accessible and landowner permissions gained prior to the start of fieldwork.
- GAI assumes mobilization to the Project area on September 3, 2024.
- No permits are anticipated to be required for the Phase I archaeological survey, as the Project LOD is located within an existing Florida Department of Transportation right-of-way (ROW), private property, and property owned by the Yulee Highschool.
- GAI will coordinate with Sunshine 811 to identify buried utilities in the LOD prior to the start of Phase I archaeological fieldwork.
- GAI assumes no deep testing, geomorphological studies, or Phase II NRHP eligibility evaluation fieldwork will be required for the Project. If these services are needed, GAI can provide them as a change order to the current scope and cost.

Task 3: Phase I Architectural/Historical Resources Survey

- The architectural and historical resources survey portion of the CRAS will be conducted from public ROW to identify and assess, according to NRHP criteria, the significance of aboveground resources 50 years old and older. Given that the proposed Project consists of mostly of modifications to the ground surface with low height profiles, GAI assumes that the Area of Potential Effects (APE) for architectural and historical resources will consist of the LOD and its immediate vicinity.

- GAI will conduct an initial reconnaissance walkover of the Project APE to verify the locations of previously recorded and unrecorded resources identified during background research. Subsequently, each architectural/historical resource in the APE will be visually examined, mapped, photographed, and recorded with FMSF forms.
- GAI assumes identification of up to five architectural and historical resources with construction dates of 1974 or earlier and completion of up to five FMSF forms and accompanying photographs.

Task 4: CRAS Report Preparation, Laboratory Processing, and Curation

- After Phase I fieldwork is completed, GAI will prepare a CRAS report that will include results and recommendations from the archaeological and architectural/historical resources surveys, per the SHPO's *Cultural Resource Management Standards & Operational Manual* (SHPO 2024).
- All artifacts will be collected and subjected to laboratory processing and analysis. GAI assumes that no more than 25 artifacts will be recovered for laboratory processing and analysis. If additional artifacts are collected, GAI will prepare a supplemental cost estimate to cover any additional laboratory analyses and reporting that would be required.
- It is assumed that collected artifacts will be either be returned to the appropriate landowner(s) or permanently curated at the University of Florida at Gainesville. GAI assumes no curation facility/box fees will be required to curate the artifacts, and we have not included any funds for this purpose. If such fees are required, GAI will prepare a supplemental cost estimate to complete these tasks.

Cost, Schedule, Terms, and Conditions

GAI is prepared to negotiate schedule w Nassau County's Notice to Proceed. We anticipated these services extending to the end of year 2024.

GAI proposes to complete this work on a time and materials basis, not to exceed the costs presented below in Table 2 without prior approval from the County of Nassau. If additional support is required as a result of changes to the Project or additional Project elements, those costs will be covered in a separate scope of services. GAI appreciates the opportunity to submit this Proposal for your review and consideration, and we look forward to working with you on this Project. Should you have any questions in the meantime, please feel free to contact Ms. Kelly Hockersmith at k.hockersmith@gaiconsultants.com or 615-788-9016.

Table 2 Cost Proposal Summary Cultural Resources Services William Burgess Boulevard Extension Project City of Yulee, Florida	
Task 1: Background Research	Estimated Unit Cost: \$1,350
Tasks 2 and 3: Phase I Archaeological and Architectural/Historical Resources Survey	Estimated Unit Cost: \$23,382
Task 4: CRAS Report Preparation, Laboratory Processing, and Curation	Estimated Unit Cost: \$23,907
Total Estimated Cost: \$48,660	

Nassau Board of County Commissioners
August 26, 2024
Project B190839.00

Page 4

Sincerely,
GAI Consultants, Inc.



Ronald Hoogland, PE
Project Manager

cc. Kelly Hockersmith at k.hockersmith@gaiconsultants.com

References

Florida Division of Historic Resources (SHPO)
2024 *Module Three Guidelines for Use by Historic Preservation Professionals*. Electronic document, <https://files.floridados.gov/media/31394/module3.pdf>, accessed January 2024.

C:\Users\HoogIRF\AppData\Local\Microsoft\Windows\Outlook\PDJTJDM0\William Burgess Blvd Ext_8.26.2024