



**FULTON  
COUNTY**

**AMENDMENT #1  
CONTRACT TO FORM**

**#24RFP0808K-DB**

**The Progressive Design/Build for  
Johns Creek Environmental Campus  
Membrane System Replacement**

**For**

**DEPARTMENT OF PUBLIC WORKS**

## **AMENDMENT NO. 1 TO FORM OF CONTRACT**

Contractor: **The Ruby-Collins/Brown and Caldwell Joint Venture**

Contract No.: **24RFP0808K-DB, The Progressive Design/Build for Johns Creek Environmental Campus Membrane System Replacement**

Address: **990 Hammond Drive Northeast, Suite 500**  
City, State **Atlanta, GA 30328**

Telephone: **770-432-2900**

Email: **[scline@ruby-collins.com](mailto:scline@ruby-collins.com)**

Contact: **Scott N. Cline,  
President/CEO**

### **WITNESSETH**

WHEREAS, Fulton County ("County") entered into a Contract with **The Ruby-Collins/Brown and Caldwell Joint Venture** to provide **The Progressive Design/Build for JCEC Membrane System Replacement**, dated 2<sup>nd</sup> day of April 2025, on behalf of the Department of Public Works; and

WHEREAS, the County wishes to amend the existing contract to cover additional scope of work for Phases 1B (costs associated with the 80% design of the membrane replacement project as well as the development of a Guaranteed Maximum Price for the installation and upgrade of the membrane treatment process) and 2A (100% design and associated construction costs of ultraviolet (UV) disinfection system replacement); and

WHEREAS, the Contractor has performed satisfactorily over the period of the contract; and

WHEREAS, this amendment was approved by the Fulton County Board of Commissioners on December 17, 2025, BOC Agenda Item #25-0979.

**NOW, THEREFORE**, the County and the Contractor agree as follows:

This Amendment No. 1 to Form of Contract is effective as of December 17, 2025, between the County and The Ruby Collins/Brown and Caldwell Joint Venture, who agree that all Services specified will be performed in accordance with this Amendment No.1 to Form of Contract and the Contract Documents.

1. **SCOPE OF WORK TO BE PERFORMED:** This amendment will cover additional scope of work for Phases 1B and 2A. Phase 1B includes costs associated with the 80% design of the membrane replacement project as well as the development of

a Guaranteed Maximum Price (GMP) for the installation and upgrade of the membrane treatment process. Phase 2A includes 100% design and associated construction costs of ultraviolet (UV) disinfection system replacement.

The Phase 1B work activities conducted by The Ruby-Collins/Brown & Caldwell Joint Venture team will include the following activities:

- Manage and coordinate with both Fulton County and the JCEC plant operator for all preconstruction work.
- Design the replacement membrane system as well as any other upgrades necessary to allow the plant to treat 20 MGD of wastewater flow.
- Obtain all necessary permits from regulatory authorities.
- Coordinate closely with Public Works in preparing and participating in meetings, developing designs, and resolving issues
- Implement preconstruction and construction Quality Assurance and Quality Control Programs which will both include but are not limited to validating design criteria; ensuring the adequacy of drawings and specifications; and coordinating across design disciplines and trades.
- Complete project schedule and progress reports, which will include but are not limited to project narratives and summaries, budgeting values and actual costs, scheduling updates, etc.
- Lead and coordinate public outreach, as necessary.
- Develop the required 30%, 60%, 80% design plans as well as the GMP for removal and replacement of the current membrane system.

In parallel with the work activities identified above as part of Phase 1B, The Ruby-Collins/Brown & Caldwell, Joint Venture will complete the following Phase 2A tasks associated with replacing the current UV disinfection system:

- Manage and coordinate with Fulton County and the JCEC plant operator for all preconstruction and construction work.
- Develop 100% UV System design drawings.
- Remove and replace the current Wedeco UV equipment with a Trojan UV system.
- Provide testing and commissioning services, including final inspections on installed equipment and performance testing.
- Coordinate equipment training and start-up activities with JCEC plant operator and staff.
- Provide final record drawings of UV system as installed, including any construction changes.

2. **COMPENSATION:** The services described under Scope of Work herein shall be performed by Contractor in an amount not to exceed \$3,816,902.75 (Three Million Eight Hundred Sixteen Thousand Nine Hundred Two Dollars and Seventy-Five

cents) approved by BOC.

3. **LIABILITY OF COUNTY:** This Amendment No. 1 to Form of Contract shall not become binding on the County and the County shall incur no liability upon same until such agreement has been executed by the Chair to the Commission, attested to by the Clerk to the Commission and delivered to Contractor.
4. **EFFECT OF AMENDMENT NO. 1 TO FORM OF CONTRACT:** Except as modified by this Amendment No. 1 to Form of Contract, the Contract, and all Contract Documents, remain in full force and effect.

**[INTENTIONALLY LEFT BLANK]**

**IN WITNESS THEREOF**, the Parties hereto have caused this Contract to be executed by their duly authorized representatives as attested and witnessed and their corporate seals to be hereunto affixed as of the day and year date first above written.

OWNER:

**FULTON COUNTY, GEORGIA**

Robert L. Pitts

Robert L. Pitts, Chairman  
Fulton County Board of  
Commissioners

CONTRACTOR:

**The RUBY-COLLINS/BROWN  
AND CALDWELL JOINT  
VENTURE**

Scott N. Cline

Scott N. Cline,  
Managing Member of joint venture

ATTEST:

Tonya R. Grier

Tonya R. Grier  
Clerk to the Commission

(Affix County Seal)



APPROVED AS TO FORM:

Kaye Burnell

Office of the County Attorney

APPROVED AS TO CONTENT:

David Clark

David E. Clark, Director  
Department of Public Works

ITEM#: \_\_\_\_\_ RM: \_\_\_\_\_  
REGULAR MEETING

ITEM#: 25-0979 2<sup>ND</sup> RM: 12/17/2025  
SECOND REGULAR MEETING



November 21, 2025

Fulton County Government  
Department of Purchasing and Contract Compliance  
130 Peachtree Street SW, Suite 1168  
Atlanta, GA 30303

Attention: Mr. David Clark, P.E., Director of Public Works

Reference: Johns Creek Environmental Campus Membrane System Upgrade & Expansion, Phase1B

David,

Please find the attached Phase 1B Scope of Work for review and consideration. The scope follows the services as outlined in the RFP document and all other components of our contract remain in place. We will follow with an advanced procurement and installation proposal for the Ultra-Violet Disinfection Equipment

**The basis of this price for this Amendment No. 1 is shown on the attached Compensation Schedule as \$1,602,134.**

**The Substantial Completion Date** upon which this proposal is November 30, 2026.

Our **Contract Compliance Subcontractor Utilization** is shown on the Exhibit B-2, at **23%** of the value. All other components of our approved Compliance Plan remain in place.

We at the Ruby-Collins/Brown and Caldwell Joint Venture look forward to the successful continuation of this very important project to the County. If you should have any questions, feel free to reach out to me directly.

Sincerely,

A handwritten signature in blue ink that reads "Jesse B. Brown".

Jesse B Brown, Senior Project Manager  
Ruby-Collins, Inc.

A handwritten signature in blue ink that reads "Kelly Comstock".

Kelly Comstock, Vice President  
Brown and Caldwell

## Attachment A

### Phase1B Design Scope for Progressive Design-Build Services for

#### **Johns Creek Environmental Campus Membrane System Upgrade & Expansion Fulton County Project Number 24RFP0808K-DB**

#### **Scope Summary**

This Scope of Work describes services to be provided by the Ruby Collins/Brown and Caldwell Joint Venture associated with the progressive design-build of the FULTON COUNTY Johns Creek Environmental Campus (JCEC) membrane system upgrade and expansion Phase 1B contract for Pre-Construction and Design Services. This Phase of the project consists of the preconstruction and detailed design services to 80% design and establishment of a Guaranteed Maximum Price (GMP) for construction of the project.

The following summarizes the major components of the proposed improvements for the Johns Creek Environmental Campus based on the Technical Memoranda and the Design Development Report established in Phase 1A:

- Removal and upgrade of the existing membrane system
- Retrofit existing aerobic digestion system with a new Rotary Drum Thickener for the purposes of recuperative thickening including associated chemical and pumping systems.
- New emergency sump pump system for membrane gallery
- Replacement of existing mixing systems in the following locations:
  - Primary Clarifier Effluent Channel
  - BNR Distribution Channel
  - Anaerobic Tanks
  - Pre-Anoxic Tanks
  - Anoxic Tanks 1
  - Anoxic Tanks 2
  - Swing Tanks
- New primary clarifier and treatment train passive overflow system
- Electrical System Upgrades
  - CTs/PTs at MVSWGR will be replaced
  - MVSWGR and Dewatering MCC Main and Tie Breakers will be replaced
  - Repair/replace the two outdoor XFMRS outside Dewatering Building that are leaking oil
  - Inspection and testing of all other XFMRS for age and use for replacements

- Provide updated Arc Flash study and replacement of labeling to come into code compliance
- Provide SCADA upgrades for new equipment
- Retrofit existing SCADA system

Planned engineering services to be performed under this Agreement comprise and are limited to those specifically set forth in this exhibit. Ruby-Collins will work alongside BROWN AND CALDWELL with continuous constructability review through out the design phases and lead the team during GMP Development

The Scope of Services is divided into the following tasks:

- Task 1: Project Management
- Task 2: 30 Percent Design Development (Reference RFP Deliverable Name)
- Task 3: 60 Percent Design Development (Reference RFP Deliverable Name)
- Task 4: 80 Percent Design Development to Support Development of the Proposed Guaranteed Maximum (GMP) for Construction (GMP Design Submittal)
- Task 5: Permitting Services
- Task 6: GMP Development Assistance

## PHASE 1B – DETAILED DESIGN AND GMP SUPPORT

### Task 1 – Project Management

Project management includes those services necessary to provide execution of detailed design and pre-construction services for Phase 1B, management of BROWN AND CALDWELL team staff and its subconsultants, to coordinate preconstruction work with RUBY-COLLINS and FULTON COUNTY, and to regularly report progress.

1.1 Management and Coordination of Design Team Work. The BROWN AND CALDWELL project manager will coordinate the conduct of each of the various work tasks performed by BROWN AND CALDWELL. Subcontract agreements will be prepared and executed, and the work of subcontractors will be supervised. The BROWN AND CALDWELL project manager will also review and coordinate with the RUBY-COLLINS project manager to finalize the Project Management Plan, Quality Assurance procedures (preconstruction), Quality Controls (preconstruction), decision log and the project Risk Register.

#### 1.2 Team Coordination

1.2.1 Design Team Coordination. BROWN AND CALDWELL will be responsible for coordination of all the BROWN AND CALDWELL design team members including all subconsultants. It is anticipated that regular interface will take place throughout the design process including weekly design coordination meetings.

- 1.2.2 Coordination with RUBY COLLINS and FULTON COUNTY. Close coordination will be maintained with RUBY-COLLINS and FULTON COUNTY's staff. Work will include attending meetings, regular working sessions, design coordination, resolving technical issues, and coordinating tasks that will involve BROWN AND CALDWELL personnel, as well as preparing for and attending working session meetings with RUBY-COLLINS and FULTON COUNTY.
- 1.3 Monthly Project Progress Summary. On a monthly basis, following the contract date, BROWN AND CALDWELL will furnish RUBY-COLLINS with a monthly progress report. The monthly progress report will contain, as required by the RFP, the following:
  - 1.3.1 Work Summary. A brief summary of the work completed during the given period, and a description of any items that will potentially impact the project's critical path if not immediately resolved.
  - 1.3.2 Percent completed. A financial breakdown of the status of the job to date.
  - 1.3.3 Any updates to the design schedule
- 1.4 Quality Control Reviews: Formal design quality control (QC) reviews will be performed as part of the standard Quality Assurance (QA) program. QC reviews will be performed at the following milestones:
  - 30 Percent Design / Preliminary Design Report (PDR)
  - 60 Percent Design
  - 80 Percent DesignThe 30 percent reviews will focus on confirmation of sizing and will validate appropriate design criteria, operability review, and finalize appropriate equipment sizing that will impact other disciplines. The 60 percent QC reviews will address constructability and the adequacy of the drawings and specifications to depict the intended facilities adequately for construction. The 80 percent QC review will be a detailed coordination check to identify and address discipline coordination issues and verify that the scope and cost developed for the GMP are in alignment with the design and that any remaining design items not shown on the drawings have been appropriately included in an allowance.
- 1.5 Project Management Plan Updates. As design development progresses BROWN AND CALDWELL will perform periodic updates of the Project Management Plan originally prepared under Phase 1A. Updates will include required plan changes and revisions resulting from design advancement and development of the future construction sequencing and schedule.
- 1.6 Risk Assessment and Management. BROWN AND CALDWELL in close collaboration with RUBY COLLINS and FULTON COUNTY will continue to identify project risks as well

as mitigation strategies. Risk register updates will be performed to document risk items, risk assessment and management/ mitigation strategies. Risk allocation and potential impacts on the Schedule, GMP and/or project contingencies will be identified and documented.

1.7 Project Documentation. BROWN AND CALDWELL will document all meetings and decisions by providing the following:

- 1.7.1 Meeting summaries: following each meeting a meeting summary will be provided that includes information on meeting content, attendees, a copy of the meeting agenda and any handouts, as well as a current version of the Design Decision Log.
- 1.7.2 Design Decision Log: A Design Decision Log will be developed in Excel and used to identify all decisions made during the Phase 1B component of the project. It will also be used to track pending decisions and identify additional information needed to support the decision process. This will be included with each monthly report as well as each meeting summary.

## Task 2 – 30 Percent Design Development

2.1 30 Percent Design Development. During this task a 30 percent design and a draft Basis of Design Report (BODR) will be developed. The Anticipated scope is as follows:

- The BODR will utilize information developed in the DDR during Phase 1A as well as updated information from the design effort undertaken by the membrane supplier. The BODR will include sufficient information to reflect the scope of the project and applicable design criteria on which the final design of facility improvements will be based.
- List of planned specifications
- Preliminary Equipment List
- Results of the laser scanning effort and REVIT Model Backgrounds documenting the existing As-Built Conditions in the areas noted herein.
- 30% Preliminary Mechanical Design. This will consist of piping concepts and preliminary layout of membrane supplier modules and equipment.
- 30% Electrical and SCADA design including preliminary Process and Instrumentation Diagrams (P&IDs) and preliminary power one-line diagram(s). The P&IDs will depict process mechanical equipment, identification of variable speed equipment, piping with preliminary sizes, valves with types and preliminary sizes, and primary element instrumentation.

- Preliminary Structural Details. Preliminary structural details will be provided.
- Input on Preliminary Construction schedule (Developed by RC)
- Input on Preliminary Construction cost estimate (Developed by RC)

## 2.2 30 Percent Design Review:

A one half-day 30 percent design review meeting will be held at the 30 percent design milestone to walk all team members through the progress deliverable. This meeting is intended to be a comprehensive meeting with the team to discuss and make design decisions to be incorporated in the next phase of design. Meeting summary will be prepared and distributed electronically to the team for review and comment. The summary will include a list of design decisions agreed to during the workshop, as well as written responses to all review comments that have been provided by the OWNER. A maximum of six sets of drawings and related documents for the 30 percent design deliverable will be provided to the OWNER for review prior to the meeting.

## Task 3 – 60 Percent Design Development

### 3.1 60 Percent Design Development. During this task continued design and production of a 60 percent design package will take place. The 60 percent design will incorporate feedback from the 30 percent design review and continue to develop the design. The 60 percent design is anticipated to include:

- Changes from the Preliminary 30 Percent Design, and justification thereof
- Update of any BODR Design Criteria that has changed since 30 percent (if applicable)
- Updated equipment list
- Preliminary process control narratives (to be finalized as control strategies in Final Design)
- 60% Demolition drawings showing elements to be removed and some coordination notes
- 60% Process mechanical plans, sections, and selected details with location of major equipment, piping, and appurtenances; membrane equipment, minor piping may be partially complete
- A progress set of structural details
- 60% Control system network diagram

- 60% Piping and instrumentation diagrams (P&IDs) based on equipment selections, configuration, operating strategies and pipe sizes and valve types and sizes updated
- 60% Electrical overall one-line diagrams with applicable electrical room layouts and preliminary panel layouts
- 60% Preliminary power plans and schedules
- Draft 60% specifications with project-specific information
- Updated Construction sequencing (Prepared jointly with BC and JV)
- Input on Updated Construction schedule (Developed by RC)
- Updated Construction cost estimate (BY JV)
- Initial Construction planning (e.g. trailers, laydown, parking and truck access) (BY RC with BC assistance)

### 3.2 60 Percent Design Review:

A one half-day 60 percent design review meeting will be held at the 60 percent design milestone to walk all team members through the progress deliverable. This meeting is intended to be a comprehensive meeting with the team to discuss and make design decisions to be incorporated in the next phase of design. Meeting summary will be prepared and distributed electronically to the team for review and comment. The summary will include a list of design decisions agreed to during the workshop, as well as written responses to all review comments that have been provided by the OWNER. A maximum of six sets of drawings and related documents for the 60 percent design deliverable will be provided to the OWNER for review prior to the meeting.

## Task 4 – 80 Percent Design Development

### 4.1 80 Percent Design Development. During this task continued design and production of an 80 percent design package will take place. The 80 percent design will incorporate feedback from the 60 percent design reviews and continue to develop the design. The 80 percent design is anticipated to include:

- Changes from the 60 Percent Design, and justification thereof
- Update of any BODR Design Criteria that has changed since 60 percent (if applicable)
- Updated equipment list

- Updated process control narratives (to be finalized as control strategies in Final Design)
- 80% Demolition drawings showing elements to be removed and some coordination notes
- 80% Process mechanical plans, sections, and selected details with location of major equipment, piping, and appurtenances; membrane equipment, minor piping may be partially complete
- 80% Structural design
- 80% Control system network diagram
- 80% Piping and instrumentation diagrams (P&IDs) based on equipment selections, configuration, operating strategies and pipe sizes and valve types and sizes updated
- 80% Electrical overall one-line diagrams with applicable electrical room layouts and preliminary panel layouts
- 80% Preliminary power plans and schedules
- Draft 80% specifications with project-specific information
- Updated Construction sequencing (Prepared jointly with BC and JV)
- Input on Updated Construction schedule (Developed by RC)
- Updated Construction cost estimate (BY JV)
- Initial Construction planning (e.g. trailers, laydown, parking and truck access) (BY RC with BC assistance)

#### 4.2 80 Percent Design Review:

A one half-day 80 percent design review meeting will be held at the 80 percent design milestone to walk all team members through the progress deliverable as well as the GMP. This meeting is intended to be a comprehensive meeting with the team to discuss and make design decisions to be incorporated in the next phase of design. Meeting summary will be prepared and distributed electronically to the team for review and comment. The summary will include a list of design decisions agreed to during the workshop, as well as written responses to all review comments that have been provided by the OWNER. Updates to the design and drawings coming out of the workshop will take place during the 100% design in Phase 2. A maximum of six sets of drawings and related documents for the 80 percent design deliverable will be provided to the OWNER for review prior to the meeting.

## Task 5 – Permitting Services

During Phase 1B, permitting services will take place in order to prepare the design for eventual construction under Phase 2. Since no modifications are being made to the buildings, it is not anticipated that building permits will be necessary with the City of Roswell for this project. However this will be verified during Phase 1B. The following scope is anticipated under Phase 1B:

5.1 NPDES Update During Phase 1B, NPDES modifications will be undertaken to implement the phased permit to 20 mgd. Other permits are not anticipated as the facilities will not change from the current permitted process.

5.2 Local Limits Evaluation: A local limits evaluation will be completed for JCEC as follows”.

BC will evaluate existing local limits for WPCP in accordance with the 2004 U.S. EPA *Local Limits Development Guidance*.

- Evaluate existing Maximum Allowable Headworks Loadings (MAHLs) compared to WPCP influent loadings
- Population trends
- Industrial User (IU) inventory
- IU flow trends
- Treatment Plant Compliance History
- Any changes to the conditions or limiting criteria for which the existing local limits were calculated (e.g., changes in the NPDES permit or water quality standards)

BC will evaluate the list of POCs, together with the information above, to assess if any new POCs need a local limit, and calculate MAHLs.

BC will develop MAHLs, where applicable, for the following environmental criterion:

- Acute and chronic water quality standards
- NPDES permit limits
- Reuse standards and septage practices (if applicable)
- Sludge/Biosolids treatment and end uses, and/or sludge disposal and landfilling, and land application
- Treatment plant design criteria and process inhibition provided by Fulton County or others
- Protection of treatment works, collection system, and workers

- Once allowable headworks loadings are calculated for each applicable environmental criterion, the most stringent of these loadings is designated as the MAHL. The MAHL of each pollutant of concern will be converted to a mass-based local limit. Per Fulton County, local limits will be established as mass-based limits for industrial users rather than uniform concentration limits, with the flexibility to establish daily max and monthly average concentration limits based on permitted flow.

BC will submit the draft report of the completed local limits evaluation or development to Fulton County outlining the evaluation process and any recommendations concerning proposed limits changes. The report will include the following components:

- Guidance on the development of local limits on discharges to the WPCP
- Assumptions and rationale used during the development process
- Descriptions and sources of equations used for calculating local limits
- Sources and limitations of data utilized in the development of local limits
- Hard copies and PDF of all spreadsheets and calculation worksheets used in the evaluation process
- PDF summary of MAHL and MAIL determinations
- Proposed local limits and a comparison to existing local limits
- Recommendations based on technical criteria

Fulton County staff will be provided a draft report for review and comment. BC will incorporate Fulton County's comments into a final report suitable for submission to Georgia EPD for approval.

**5.2 Comprehensive Nutrient Optimization Plan:** BC will prepare a Comprehensive Nutrient Optimization Plan (CNOP) in accordance with the NPDES permit condition as follows:

*Within 24 months of the effective date of this permit, the Permittee shall develop and submit to EPD a Comprehensive Nutrient Optimization Plan (CNOP). Wastewater treatment efficiency optimization is an adaptive management strategy the Permittee shall use to limit the discharge of total nitrogen. The CNOP will include a suite of site specific best management practices. The CNOP shall, at a minimum, identify and quantify sources of nutrients entering the wastewater treatment plant, evaluate potential source reductions, identify and implement operational adjustments aimed to reduce nutrients, and establish annual nutrient reduction goals. The CNOP shall be updated annually and retained on site. Prior to the submittal of the CNOP, the permittee will submit semi-annual progress reports detailing the status of the*

*development and implementation of the CNOP to the assigned EPD Compliance Office.*

Per Georgia EPD guidance, the CNOP will consist of an evaluation of existing treatment processes for nutrient reduction and identify opportunities through influent source identification, operational adjustments designed to enhance nitrification and denitrification, minor retrofits such as the incorporation of anoxic zones, side-stream management opportunities, and minor upgrades, as applicable. The CNOP will establish quantitative and/or qualitative annual nutrient reduction goals.

BC will submit the draft CNOP to Fulton County for review. BC will incorporate Fulton County's comments into a final report suitable for submission to Georgia EPD for approval.

#### **Task 6 – Procurement and GMP Development (BC will support RC who will lead this)**

It is anticipated the during the procurement process outreach to subcontractors will take place as part of the GMP development. BC has planned for participating in a site tour / outreach effort for supporting this process.

BC has also planned for the support of GMP Development. BC will address questions during the GMP development period and will review the GMP in advance helping to identify the potential for gaps in the design and developing adequate contingency to address these gaps.

GMP Development includes those services necessary to advance development of the Project Phase 2 costs from the Opinion of the Probable Construction Costs provided at the completion of Phase 1A to a GMP proposal for the OWNER consideration and approval at the completion of Phase 1B.

A Procurement Plan will be developed by incorporating agreed to procurement procedures coordinated with the OWNER and the OWNER Purchasing Department. Plan will include a detailed approach to the procurement of the subcontractors, materials, suppliers and equipment required to complete the project. Selection criteria and solicitation procedures will be established as part of the plan. Trade Level RFP based competitive procurement method will be utilized with most of the Trade Packages. Plan will outline procedures for Limited Non-Competitive Procurement options for those scopes to be performed by JV Team.

Additionally, plan will allow early engagement of the core subcontractors, equipment and material suppliers to ensure design and cost accuracy while creating competitive procurement environment in support of the open book GMP development.

Phase 2 Overall Project Schedule (OPS) will be developed utilizing Primavera Project Scheduler. Work of the JV Team will be planned, scheduled, executed, and reported using the critical path method (CPM).

### **Key Assumptions and Limitations:**

Shown below are key assumptions and limitations to the scope of services described herein:

- Channel and tank mixers are assumed to be replaced with in-kind units – no additional evaluations of alternatives to the existing technologies are assumed to be needed.
- It is assumed that passive overflow and other work will not require hydraulic modeling efforts or field measurements to calibrate the model developed in Phase 1A.
- It is assumed that no building permits will be needed with City of Roswell.
- Any changes identified in the 80% design / GMP review would be made during final design in Phase 2.
- BC will coordinate with Dupont and our proposal assumes that a mutual agreeable schedule for achieving all 3 deliverables within a 10 month period is achievable.
- It is assumed that any additional BioWin modeling required in Phase 1B would be minor and not involve looking at alternative conditions or operating scenarios beyond those already modeled in Phase 1A.
- It is assumed that membrane system related upgrades and design operating conditions will align with the Membrane supplier proposal.
- It is assumed that the canopy/awning requested at the side entrance to the Education Building will be a small/simple pre-engineered structure.
- It is assumed that existing membrane tank covers will remain, as Membrane supplier stated in their proposal that no significant modifications are needed.
- It is assumed that, per Veolia statements and discussions in Workshops, existing equipment (unless noted otherwise herein such as channel/tank mixers) is in acceptable condition to continue to be used, and will not need to be replaced or upgraded in this project.
- It is assumed that ancillary upgrades covered herein will follow the approaches presented in the Workshops, and additional alternatives evaluations or related efforts will not be needed.
- It is assumed that the membrane replacement will utilize the same existing control panels (with upgraded components) and that RAS pump discharge flowmeters will not be installed.

**Johns Creek Environmental Campus  
Membrane System Upgrade & Expansion, Phase 1B  
Compensation Schedule**

Task	Amendment No. 1 Value (Lump Sum)	MB/FBE Subcontractor Value* (Part of Amendment No.1 Value)
Task 1 - Project Management	\$ 123,238	\$ 10,000.00
Task 2 - 30% Design Development	\$ 419,633	\$ 105,500.90
Task 3 - 60% Design Development	\$ 456,580	\$ 109,215.70
Task 4 - 80% Design Development	\$ 250,955	\$ 57,301.08
Task 5 - Permitting Services	\$ 103,298	\$ 25,000.00
Task 6- GMP Development	\$ 103,329	\$ 56,517.68
<b>Subtotal Task Cost</b>	<b>\$ 1,457,034</b>	<b>\$ 363,535.36</b>
Dupont Shop Drawings / Submittals (Dupont)	\$ 56,700	-
Dupont Design Assistance Services (Dupont)	\$ 88,400	-
<b>TOTAL</b>	<b>\$ 1,602,134</b>	<b>\$ 363,535.36</b>

## **EXHIBIT B2 FORM**

**SUB-CONTRACTORS (INCLUDING SUPPLIERS) TO BE UTILIZED IN THE  
PERFORMANCE OF THE SCOPE OF WORK/SERVICES(S), IF AWARDED ARE LISTED BELOW**

**Certification Designation:** AABE – African American Business Enterprise, HBE – Hispanic American Business Enterprise, NABE – Native American Business Enterprise, ABE – Asian American Business Enterprise, FBE – Female Business Enterprise, MBE – Minority Business Enterprise, SDVBE – Service Disabled Veteran Business Enterprise, SBE – Small Business Enterprise, DBE – Disadvantage Business Enterprise



November 21, 2025

Fulton County Government  
Department of Purchasing and Contract Compliance  
130 Peachtree Street SW, Suite 1168  
Atlanta, GA 30303

Attention: Mr. David Clark, P.E., Director of Public Works

Reference: Johns Creek Environmental Campus Membrane System Upgrade & Expansion, Phase2A

David,

Please find attached Phase 2A Scope of Work for review and consideration, including the replacement of the Ultraviolet Disinfection System. The scope follows the services as outlined in the RFP document and all other components of our contract remain in place.

**The basis of this price for this Amendment No. 2 is shown on the attached Compensation Schedule as \$2,214,768.75.**

**The Schedule** upon which this proposal is shown on **Attachment C**.

Our **Contract Compliance Subcontractor Utilization** is shown on the Exhibit B-2, at **39%** of the value. All other components of our approved Compliance Plan remain in place.

We at the Ruby-Collins/Brown and Caldwell Joint Venture look forward to the successful continuation of this very important project to the County. If you should have any questions, feel free to reach out to me directly.

Sincerely,

A handwritten signature in blue ink that reads "Jesse B. Brown".

Jesse B Brown, Senior Project Manager  
Ruby-Collins, Inc.

Kelly Comstock, Vice President  
Brown and Caldwell

## **Attachment A**

### **UV System Design and Engineering Services During Construction for**

### **Progressive Design-Build Services for**

### **Johns Creek Environmental Campus Membrane System Upgrade & Expansion**

### **Fulton County Project Number 24RFP0808K-DB**

#### **Scope Summary**

This Scope of Work describes services to be provided by the Ruby Collins/Brown and Caldwell Joint Venture associated with the progressive design-build of the FULTON COUNTY Johns Creek Environmental Campus (JCEC) membrane system upgrade and expansion project. This specific scope is for the design and engineering services during construction (ESDC) for the UV system implementation. It will involve generating design drawings for system implementation, coordinating with the selected UV supplier, reviewing the UV submittal, addressing questions during construction and providing inspection services, along with assisting with commissioning of the new system, and completing record drawings.

Planned engineering services to be performed under this Agreement comprise and are limited to those specifically set forth in this exhibit.

BROWN AND CALDWELL's Scope of Services is divided into the following tasks:

- Task 1: UV System Design
- Task 2: UV Submittal Review
- Task 3: Design Coordination During Construction
- Task 4: Testing and Commissioning
- Task 5: Record Drawings

Ruby Collins scope consists of Task 6, Remove and Replace the UV Equipment.

#### **Task 1 – UV System Design**

Design services will include development of structural, process, electrical and I&C drawings to support the installation of the new UV system. These will supplement the UV specification that has already been developed. In addition, ancillary specifications for electrical products needed for construction will also be provided.

To provide backgrounds in Revit format, laser scanning will be completed. This will include scanning of the UV area as well as the membrane gallery, outdoor area of membrane tanks, and the dewatering building truck bay. The exterior and interior 3D Laser Scanning in various locations within the site will be done with mobile mapping technology. Then a

NavVis VLX device will be utilized to perform point cloud registration and post-processing in NavVis ION version 2025. The tolerance of point cloud data will be 1/4" to 1/8" in 30 feet – linear. These point cloud data will be utilized to generate existing condition Revit models in Level of Development (LOD) 300: These will then be utilized for design drawing development. The following drawings are anticipated to be developed:

Drawing Number	Content
G-1	Cover Sheet
G-2	Drawing Index
G-3	Hydraulic Profile - Liquid Process
S-1	UV Details
DD-1	Demolition Plan 1
D-1	UV System Plan
D-2	UV System Sections
ED-1	Electrical Demolition 1
E-1	LVMCC - UV/RP1 - Single Line Diagram
E-2	LVMCC - UV/RP2 - Single Line Diagram
E-3	LVMCC - UV/RP1, UV/RP2 - MCC Elevations
E-4	UV Power and Control Plan
E-5	UV Grounding Plan
E-6	UV Riser Diagram 1
E-7	UV Riser Diagram 2
I-1	UV System P&ID

Due to the fact that the scope is well defined and the desire for speed of implementation, the design will progress directly to 100% design. A draft 100% design set will be provided to the County for review prior to being issued for construction. Any comments will be addressed and incorporated into the construction documents.

### **Task 2 – UV Submittal Review**

Submittals for the UV system as well as ancillary electrical components will be reviewed and approved by Brown and Caldwell and Our subcontractors. Multiple disciplines including process mechanical, electrical, I&C and structural will take part in the review process. A copy of the submittal will also be provided to the County for any comment. It is assumed that the County will provide any feedback in a timely fashion (within 7 days). CMMS data will be collected during the submittal process and provided to the County for their use in the current CMMS system.

### **Task 3 – Design Coordination During Construction**

Brown and Caldwell will provide design coordination during construction that includes addressing any questions that arise during installation (vis RFC process), issuing any designer clarifications needed to address issues, and coordinating with phased

implementation to minimize system downtime. In addition, periodic inspection (assume 9 inspection events) during construction will take place.

#### **Task 4 – Testing and Commissioning**

BC will provide testing and commissioning services including I/O checkout, final inspection services and punch list generation, witnessing of performance testing of the system and coordination of training and start-up activities associated with the new system.

#### **Task 5 – Record Drawings**

BC will generate record drawings associated with the new system and incorporate any changes that were encountered during the construction process based on input including markups and/or model updates from RC. These will be turned over to the County in digital and hardcopy format (assume 4 hardcopy half size sets and 2 full size sets).

#### **Task 6 – Remove & Replace the UV Equipment**

Ruby Collins will coordinate continuously with JCEC Operations personnel to isolate process water flows to a single channel and selectively demolish the existing UV Equipment, once the equipment is de-energized and made safe. The new equipment will be installed in coordination with Player Electric, including new electrical infrastructure. All required Instrumentation and Controls for the new equipment will be integrated into the existing plant SCADA system. Once a completed channel is placed into service and tested for the required amount of time, the next channel will be upgraded in similar fashion. All services and appurtenances required for a complete and operable system are included such that the area is returned to service with a minimum amount of disturbance to the adjacent areas.

#### **Key Assumptions and Limitations:**

Shown below are key assumptions and limitations to the scope of services, in addition any that may be listed above) described herein:

- No additional O&M manual development is planned beyond the UV supplier O&M manual.
- It is assumed that the County will be able to either confirm or drain each UV channel to verify existing conditions inside the channels, such as channel drain location.
- It is assumed that the County will provide a CMMS template that can be provided to the UV system manufacturer to populate during the submittal review process.
- For the laser scanning the geo-referencing point cloud will require BIMNYC to locate up to forty (40) checkerboard targets within the site in various locations. These need to be surveyed to obtain Easting (X), Northing (Y), and Elevation (Z). BC has not included the cost of this survey and assumed that it will be done by RC.

- It is assumed that although this scope has been pulled out separately for early GMP approval, it will be managed (invoicing / reporting / etc.) as a task for the Phase 1B project. Additional PM time has not been included to send separate invoices / reports.
- UV design will go straight to 100% design with a draft set issued for review and comment.
- Laser scanning and Revit Background modeling are assumed to be completed only in the following areas of the facility.
  - Membrane Gallery
  - Membrane Tanks (above deck level)
  - UV Area
  - RDT Truck Bay Location
- Any delay to equipment delivery beyond the date shown on Attachment C will result in a commensurate extension of Substantial Completion.

Proj Nm: JCEC UV REPLACEMENT  
 Locat'n: Fulton County, GA  
 Date: 21-Nov-25

GMP Estimate Component Summary - Rev0	
General Conditions	\$ 172,181.05
Construction Cost	\$ 1,430,277.91
Construction Manager's Fee	\$ 200,307.37
Brown & Caldwell Design Engineering Service	\$ 295,559.36
Allowances	\$50,000
Contingency	3% \$ 66,443.06
<b>Total</b>	<b>\$ 2,214,768.75</b>

Construction Manager's Fee Calculation	
General Conditions, Construction Cost	\$1,602,458.96
Construction Manager's Fee	12.50% \$ 200,307.37



ITEM	ITEM DESCRIPTION	QUANTITY	UM	UC MISC MAT	UC MAT	UC LAB	UC EQP	UC SUB	MISC MAT	MATERIAL	LABOR	EQUIPMNT	SUBCONTR	UC TTL	TOTAL
<b>01</b>	<b>General Conditions</b>														
GCW	Project Duration	63	days	*Note											
GCW	Project Duration	9	wks	*Note											
<b>01</b>	<b>General Conditions - Total</b>								\$0	\$0	\$0	\$0	\$0	\$0.00	\$0.00
									<b>\$0</b>	<b>\$70,963</b>	<b>\$72,034</b>	<b>\$29,184</b>	<b>\$0</b>		<b>\$172,181.05</b>
<b>02</b>	<b>UV Replacement</b>														
		1	ls						\$0	\$0	\$0	\$0	\$0	\$0.00	\$0.00
Wkst #1	TROJAN UV Replacement	1	ls		\$1,075,625.00	\$66,429.43	\$19,804.53	\$185,058.00	\$0	\$1,075,625	\$66,429	\$19,805	\$185,058	\$1,346,916.97	\$1,346,916.97
									\$0	\$0	\$0	\$0	\$0	\$0.00	\$0.00
Tax	Taxes @ 7.75%	7.75%	tax		\$1,075,625.00				\$0	\$83,361	\$0	\$0	\$0	\$1,075,625.00	\$83,360.94
									\$0	\$0	\$0	\$0	\$0	\$0.00	\$0.00
<b>02</b>	<b>UV Replacement - Total</b>								<b>\$0</b>	<b>\$1,158,986</b>	<b>\$66,429</b>	<b>\$19,805</b>	<b>\$185,058</b>		<b>\$1,430,277.91</b>
	Total (General Conditions + Construction Cost)								<b>\$0</b>	<b>\$1,158,986</b>	<b>\$66,429</b>	<b>\$19,805</b>	<b>\$185,058</b>		<b>\$1,602,458.96</b>
	<b>Allowances</b>														
		1	ls						\$0	\$0	\$0	\$0	\$0	\$0.00	\$0
	SCADA Allowance	1	ls						\$50,000.00	\$0	\$0	\$0	\$0	\$50,000.00	\$50,000
		1	ls						\$0	\$0	\$0	\$0	\$0	\$0.00	\$0
	<b>Allowances - Total</b>								<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>		<b>\$50,000</b>

PROJ NM:  
LOCAT'N:  
BID DTE:

JCEC UV REPLACEMENT  
Fulton County, GA  
11/22/2025

## ESTIMATE WORK SHEET

ESTIMATOR: E LEDOUX  
CHECKD BY: REVIEW

SPEC NO	ITEM DESCRIPTION	PROD	CREW	QTY	UM	UNIT COSTS					TOTAL COSTS				
						UC MAT	UC LAB	UC EQP	UC SUB	TTL UC	MATERIAL	LABOR	EQUPMNT	SUBCONTR	TOTALS
Wkst #1	TROJAN UV Replacement														
<b>MOBILIZATION &amp; DEMOBILIZATION</b>															
SITE	MOBILIZE TO SITE	0.5 DY	MISC	1	LS		\$3,008.13	\$760.96		\$3,769.09		\$3,008	\$761		3,769.09
SITE	DEMOBILZE FROM SITE	0.5 DY	MISC	1	LS		\$3,008.13	\$760.96		\$3,769.09		\$3,008	\$761		3,769.09
SITE	PURCHASE HOISTING AND JACKING EQUIPMENT								\$3,000.00					\$3,000	3,000.00
<b>UV WORK</b>															
CHANNEL 1	DEMOLITION ON CHANNEL 1 EQUIPMENT	0.2 DY	MISC	1	EA	\$200.00	\$7,520.31	\$1,902.40		\$9,622.71	\$200	\$7,520	\$1,902		9,622.71
CHANNEL 1	INSTALL 1/2" SS 316 CHANNEL REDUCTION PLATE	2 DY	MISC	3	EA	\$50.00	\$752.03	\$190.24		\$992.27	\$150	\$2,256	\$571		2,976.81
CHANNEL 1	INSTALL TROJAN REDUCTION BAFFLES	2 DY	MISC	2	EA	\$50.00	\$752.03	\$190.24		\$992.27	\$100	\$1,504	\$380		1,984.54
CHANNEL 1	INSTALL CUSTOM MODULE SUPPORT RACK FOR BANK 1A	2 DY	MISC	2	EA	\$20.00	\$752.03	\$190.24		\$962.27	\$40	\$1,504	\$380		1,924.54
CHANNEL 1	INSTALL BANK 1A	1 DY	MISC	1	EA	\$200.00	\$1,504.06	\$380.48		\$2,084.54	\$200	\$1,504	\$380		2,084.54
CHANNEL 1	INSTALL PDC 1A	2 DY	MISC	1	EA	\$200.00	\$752.03	\$190.24		\$1,142.27	\$200	\$752	\$190		1,142.27
CHANNEL 1	INSTALL CUSTOM MODULE SUPPORT RACK FOR BANK 1B	2 DY	MISC	2	EA	\$20.00	\$752.03	\$190.24		\$962.27	\$40	\$1,504	\$380		1,924.54
CHANNEL 1	INSTALL BANK 1B	1 DY	MISC	1	EA	\$200.00	\$1,504.06	\$380.48		\$2,084.54	\$200	\$1,504	\$380		2,084.54
CHANNEL 1	INSTALL PDC 1B	2 DY	MISC	1	EA	\$200.00	\$752.03	\$190.24		\$1,142.27	\$200	\$752	\$190		1,142.27
CHANNEL 1	INSTALL CUSTOM MODULE SUPPORT RACK FOR BANK 1C	2 DY	MISC	2	EA	\$20.00	\$752.03	\$190.24		\$962.27	\$40	\$1,504	\$380		1,924.54
CHANNEL 1	INSTALL BANK 1C	1 DY	MISC	1	EA	\$200.00	\$1,504.06	\$380.48		\$2,084.54	\$200	\$1,504	\$380		2,084.54
CHANNEL 1	INSTALL PDC 1C	2 DY	MISC	1	EA	\$200.00	\$752.03	\$190.24		\$1,142.27	\$200	\$752	\$190		1,142.27
CHANNEL 1	INSTALL 60% POROSITY FLOW CONDITIONER PLATE	2 DY	MISC	1	EA	\$20.00	\$752.03	\$190.24		\$962.27	\$20	\$752	\$190		962.27
CHANNEL 1	INSTALL HSC PLATFORM	3 DY	MISC	1	EA	\$20.00	\$501.35	\$126.83		\$648.18	\$20	\$501	\$127		648.18
CHANNEL 1	INSTALL LOW LEVEL SENSOR	3 DY	MISC	1	EA	\$10.00	\$501.35	\$126.83		\$638.18	\$10	\$501	\$127		638.18
CHANNEL 1	INSTALL LEVEL SENSOR MONITOR	3 DY	MISC	1	EA	\$10.00	\$501.35	\$126.83		\$638.18	\$10	\$501	\$127		638.18
CHANNEL 1	REPLACE MODULATING WIER GATE ACTUATOR	1 DY	MISC	1	EA	\$100.00	\$1,504.06	\$380.48		\$1,984.54	\$100	\$1,504	\$380		1,984.54
CHANNEL 1	INSTALL FLOW CONDITIONER	2 DY	MISC	1	EA	\$10.00	\$752.03	\$190.24		\$952.27	\$10	\$752	\$190		952.27
CHANNEL 2	DEMOLITION ON CHANNEL 2 EQUIPMENT	0.2 DY	MISC	1	EA	\$200.00	\$7,520.31	\$1,902.40		\$9,622.71	\$200	\$7,520	\$1,902		9,622.71
CHANNEL 2	INSTALL 1/2" SS 316 CHANNEL REDUCTION PLATE	2 DY	MISC	3	EA	\$50.00	\$752.03	\$190.24		\$992.27	\$150	\$2,256	\$571		2,976.81
CHANNEL 2	INSTALL TROJAN REDUCTION BAFFLES	2 DY	MISC	2	EA	\$50.00	\$752.03	\$190.24		\$992.27	\$100	\$1,504	\$380		1,984.54
CHANNEL 2	INSTALL CUSTOM MODULE SUPPORT RACK FOR BANK 2A	2 DY	MISC	2	EA	\$20.00	\$752.03	\$190.24		\$962.27	\$40	\$1,504	\$380		1,924.54
CHANNEL 2	INSTALL BANK 2A	1 DY	MISC	1	EA	\$200.00	\$1,504.06	\$380.48		\$2,084.54	\$200	\$1,504	\$380		2,084.54
CHANNEL 2	INSTALL PDC 2A	2 DY	MISC	1	EA	\$200.00	\$752.03	\$190.24		\$1,142.27	\$200	\$752	\$190		1,142.27
CHANNEL 2	INSTALL CUSTOM MODULE SUPPORT RACK FOR BANK 2B	2 DY	MISC	2	EA	\$20.00	\$752.03	\$190.24		\$962.27	\$40	\$1,504	\$380		1,924.54
CHANNEL 2	INSTALL BANK 2B	1 DY	MISC	1	EA	\$200.00	\$1,504.06	\$380.48		\$2,084.54	\$200	\$1,504	\$380		2,084.54
CHANNEL 2	INSTALL PDC 2B	2 DY	MISC	1	EA	\$200.00	\$752.03	\$190.24		\$1,142.27	\$200	\$752	\$190		1,142.27
CHANNEL 2	INSTALL CUSTOM MODULE SUPPORT RACK FOR BANK 2C	2 DY	MISC	2	EA	\$20.00	\$752.03	\$190.24		\$962.27	\$40	\$1,504	\$380		1,924.54
CHANNEL 2	INSTALL BANK 2C	1 DY	MISC	1	EA	\$200.00	\$1,504.06	\$380.48		\$2,084.54	\$200	\$1,504	\$380		2,084.54
CHANNEL 2	INSTALL PDC 2C	2 DY	MISC	1	EA	\$200.00	\$752.03	\$190.24		\$1,142.27	\$200	\$752	\$190		1,142.27
CHANNEL 2	INSTALL 60% POROSITY FLOW CONDITIONER PLATE	2 DY	MISC	1	EA	\$20.00	\$752.03	\$190.24		\$962.27	\$20	\$752	\$190		962.27
CHANNEL 2	INSTALL HSC PLATFORM	3 DY	MISC	1	EA	\$20.00	\$501.35	\$126.83		\$648.18	\$20	\$501	\$127		648.18
CHANNEL 2	INSTALL LOW LEVEL SENSOR	3 DY	MISC	1	EA	\$10.00	\$501.35	\$126.83		\$638.18	\$10	\$501	\$127		638.18
CHANNEL 2	INSTALL LEVEL SENSOR MONITOR	3 DY	MISC	1	EA	\$10.00	\$501.35	\$126.83		\$638.18	\$10	\$501	\$127		638.18
CHANNEL 2	REPLACE MODULATING WIER GATE ACTUATOR	1 DY	MISC	1	EA	\$100.00	\$1,504.06	\$380.48		\$1,984.54	\$100	\$1,504	\$380		1,984.54
CHANNEL 2	INSTALL FLOW CONDITIONER	2 DY	MISC	1	EA	\$10.00	\$752.03	\$190.24		\$952.27	\$10	\$752	\$190		952.27
CHANNEL 1 & 2	INSTALL LEVEL CONTROL PANEL	2 DY	MISC	1	EA	\$10.00	\$752.03	\$190.24		\$952.27	\$10	\$752	\$190		952.27
CHANNEL 1 & 2	INSTALL HSC	2 DY	MISC	1	EA	\$20.00	\$752.03	\$190.24		\$962.27	\$20	\$752	\$190		962.27
CHANNEL 1 & 2	INSTALL UV TRANSMITTANCE CONTROLLER	3 DY	MISC	1	EA	\$10.00	\$501.35	\$126.83		\$638.18	\$10	\$501	\$127		638.18
CHANNEL 1 & 2	INSTALL UV TRANSMITTANCE SENSOR	3 DY	MISC	1	EA	\$10.00	\$501.35	\$126.83		\$638.18	\$10	\$501	\$127		638.18
CHANNEL 1 & 2	INSTALL SYSTEM CONTROL CENTER	1 DY	MISC	1	EA	\$100.00	\$1,504.06	\$380.48		\$1,984.54	\$100	\$1,504	\$380		1,984.54
CHANNEL 1 & 2	INSTALL UV MODULE LIFTING SLING WITH FRAME	3 DY	MISC	1	EA	\$10.00	\$501.35	\$126.83		\$638.18	\$10	\$501	\$127		638.18
CHANNEL 1 & 2	INSTALL MAINTENANCE RACK	3 DY	MISC	1	EA	\$10.00	\$501.35	\$126.83		\$638.18	\$10	\$501	\$127		6

PROJ NM:  
LOCAT'N:  
BID DTE:

JCEC UV REPLACEMENT  
Fulton County, GA  
11/22/2025

## ESTIMATE WORK SHEET

ESTIMATOR: E LEDOUX  
CHECKD BY: REVIEW

SPEC NO	ITEM DESCRIPTION	PROD	CREW	QTY	UM	UNIT COSTS					TOTAL COSTS				
						UC MAT	UC LAB	UC EQP	UC SUB	TTL UC	MATERIAL	LABOR	EQUPMNT	SUBCONTR	TOTALS
<b>MATERIALS &amp; SUBCONTRACTORS</b>															
QUOTE	PURCHASE TROJAN UV SYSTEM			1	LS	\$1,033,400.00				\$1,033,400.00	\$1,033,400				1,033,400.00
QUOTE	NEW GRATINGS AND ALUMINUM PLANK GRATING			1	LS	\$38,165.00				\$38,165.00	\$38,165				38,165.00
QUOTE	ELECTRICAL SUBCONTRACTOR			1	LS			\$162,308.00	\$162,308.00						\$162,308 162,308.00
<b>OTHER</b>															
SCOPE	REPAIR OF EXISTING EPOXY FLOORING			1,250	SF			\$15.00	\$15.00						\$18,750 18,750.00
Wkst #1	TROJAN UV Replacement - SUBTOTAL				44.2 DAYS						\$1,075,625	\$66,429	\$19,805	\$185,058	1,346,916.97

## **EXHIBIT B2 FORM**

**SUB-CONTRACTORS (INCLUDING SUPPLIERS) TO BE UTILIZED IN THE  
PERFORMANCE OF THE SCOPE OF WORK/SERVICES(S), IF AWARDED ARE LISTED BELOW**

**Certification Designation:** AABE – African American Business Enterprise, HBE – Hispanic American Business Enterprise, NABE – Native American Business Enterprise, ABE – Asian American Business Enterprise, FBE – Female Business Enterprise, MBE – Minority Business Enterprise, SDVBE – Service Disabled Veteran Business Enterprise, SBE – Small Business Enterprise, DBE – Disadvantage Business Enterprise

\* In accordance with Fulton County Compliance policy, the Percentage figures above are calculated on the project total exclusive of the process equipment acquisition cost.

## Attachment C

### Project Schedule

Activity	Duration (Weeks)	Date
Notice To Proceed		15-Jan-26
Equipment Shop Drawings	10	26-Mar-26
Site Mobilization		15-Oct-26
Equipment Delivery	30	22-Oct-26
Installation	8	14-Dec-26
Startup & Testing (Each Channel)	5	
Substantial Completion		31-Dec-26



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
12/11/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERs NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	McGriff, a Marsh & McLennan Agency LLC Company 2000 International Park Drive Suite 600 Birmingham, AL 35243	CONTACT	Lindsay Tidmore 205-583-9891		
		NAME:			
		PHONE (A/C, No. Ext):	1-800-476-2211	FAX (A/C, No.):	
		E-MAIL	Lindsay.Tidmore@marshmma.com		
		ADDRESS:			
		INSURER(S) AFFORDING COVERAGE			
		INSURER A :The Travelers Indemnity Company of America	25666		
		INSURER B :The Travelers Indemnity Company	25658		
		INSURER C :Travelers Property Casualty Company of America	25674		
		INSURER D :			
		INSURER E :			
		INSURER F :			

## COVERAGEs

CERTIFICATE NUMBER: WKDBUADB

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> GEN® AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO- JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:		X	X	VTC2K-CO-4R631469-IND-26	01/01/2026	01/01/2027	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (EA occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
C	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		X	X	VTJ-CAP-4R631470-TIL-26	01/01/2026	01/01/2027	COMBINED SINGLE LIMIT (EA accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$		X	X	CUP-4R631482-25-26	01/01/2026	01/01/2027	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> Y / N <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A	X	UB-A1962673-26-25-D	01/01/2026	01/01/2027	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000 \$ \$ \$ \$	

## DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: Project #24RFP0808K-DB; The Progressive Design/Build for Johns Creek Environmental Campus Membrane System Replacement

Fulton County Government, Its Officials, Officers and Employees are Additional Insureds with respect to General Liability on a primary and noncontributory basis, Automobile Liability and Umbrella Liability as required by written contract. Waiver of Subrogation applies in favor of Fulton County Government with respect to General Liability, Automobile Liability, Workers' Compensation and Umbrella Liability as required by written contract.

## CERTIFICATE HOLDER

## CANCELLATION

Fulton County Government - Purchasing Department 130 Peach Street, S.W. Suite 1168 Atlanta, GA 30303-3459	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

AGENCY CUSTOMER ID: \_\_\_\_\_  
LOC #: \_\_\_\_\_

## ADDITIONAL REMARKS SCHEDULE

Page 2 of 2

PRODUCER McGriff, a Marsh & McLennan Agency LLC Company	INSURED Ruby-Collins/Brown and Caldwell Joint Venture
POLICY NUMBER	
CARRIER	NAIC CODE

ISSUE DATE: 12/11/2025

## ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: \_\_\_\_\_ FORM TITLE: \_\_\_\_\_

Professional and Pollution Liability Policy

Insurance Carrier: Steadfast Insurance Company

Policy Number: EOC716967901

Policy Term: 1/1/2026 - 1/1/2027

## Limits of Liability:

\$10,000,000 Professional Liability - Each Claim

\$15,000,000 Professional Liability - Aggregate

\$25,000 Deductible

\$10,000,000 Contractors Pollution Legal Liability - Each Occurrence

\$15,000,000 Contractors Pollution Legal Liability - Aggregate

\$25,000 Deductible

\$10,000,000 Third Party Claims for Non-Owned Disposal Sites - Each Claim

\$15,000,000 Third Party Claims for Non-Owned Disposal Sites - Aggregate

\$25,000 Deductible

## Certificate Of Completion

Envelope Id: 59541FC5-B21A-4A71-9BD5-0E64D7827C17  
 Subject: 24RFP0808K-DB Amend 1 for \$3,816,902.75 to The Ruby-Collins/Brown & Caldwell jv  
 Parcel ID:  
 Employee Name:  
 Source Envelope:  
 Document Pages: 31  
 Certificate Pages: 6  
 AutoNav: Enabled  
 Envelope Stamping: Enabled  
 Time Zone: (UTC-08:00) Pacific Time (US & Canada)

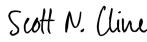
Status: Completed

Envelope Originator:  
 Darlene Banks  
 141 Pryor Street  
 Purchasing & Contract Compliance, Suite 1168  
 Atlanta, GA 30303  
 darlene.banks@fultoncountyga.gov  
 IP Address: 74.174.59.4

## Record Tracking

Status: Original	Holder: Darlene Banks darlene.banks@fultoncountyga.gov	Location: DocuSign
12/18/2025 7:51:52 AM		
Security Appliance Status: Connected	Pool: StateLocal	
Storage Appliance Status: Connected	Pool: Fulton County Government	Location: Docusign

## Signer Events

Scott N. Cline scline@ruby-collins.com President & CEO Security Level: Email, Account Authentication (None)	 Signature Adoption: Pre-selected Style Using IP Address: 174.195.35.102 Signed using mobile	<b>Timestamp</b>
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### Electronic Record and Signature Disclosure:

Accepted: 3/20/2025 11:29:24 AM  
ID: e3bf5b9a-d692-41f7-b557-113d1d0fbe0d

DARLENE BANKS darlene.banks@fultoncountyga.gov Assistant Purchasing Agent Fulton County Government Security Level: Email, Account Authentication (None)	<b>Completed</b> Using IP Address: 74.174.59.4	<b>Timestamp</b>
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### Electronic Record and Signature Disclosure:

Not Offered via Docusign

David Clark david.clark@fultoncountyga.gov Director Public Works Security Level: Email, Account Authentication (None)	 Signature Adoption: Pre-selected Style Using IP Address: 74.174.59.10	<b>Timestamp</b>
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### Electronic Record and Signature Disclosure:

Accepted: 11/13/2017 10:07:14 AM  
ID: 62e0a41e-60ea-4640-a1cb-69bfc2cfa732

Kaye Burwell kaye.burwell@fultoncountyga.gov Deputy County Attorney Security Level: Email, Account Authentication (None)	 Signature Adoption: Pre-selected Style Using IP Address: 74.174.59.10	<b>Timestamp</b>
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Sent: 12/18/2025 8:08:07 AM  
 Viewed: 12/18/2025 8:19:44 AM  
 Signed: 12/18/2025 8:27:36 AM

Sent: 12/18/2025 8:27:37 AM  
 Viewed: 12/18/2025 8:42:48 AM  
 Signed: 12/18/2025 8:43:15 AM

Sent: 12/18/2025 8:43:17 AM  
 Viewed: 12/18/2025 9:03:20 AM  
 Signed: 12/18/2025 9:03:31 AM

Sent: 12/18/2025 9:03:32 AM  
 Viewed: 12/22/2025 9:32:25 AM  
 Signed: 12/23/2025 9:57:01 AM

Signer Events	Signature	Timestamp
<b>Electronic Record and Signature Disclosure:</b>		
Accepted: 12/23/2025 9:56:53 AM ID: b8e2ccf5-6468-4f25-8481-043c251f455b		
Nikki Peterson nikki.peterson@fultoncountyga.gov Chief Deputy Clerk to the Board of Commissioners Fulton County Government Security Level: Email, Account Authentication (None)	Completed	Sent: 12/23/2025 9:57:03 AM Viewed: 12/29/2025 7:39:39 AM Signed: 12/29/2025 7:40:09 AM
<b>Electronic Record and Signature Disclosure:</b>		
Accepted: 11/27/2017 10:39:37 AM ID: b7ce88ee-0c66-4f3a-bfee-705e0af602d8		
Robert L. Pitts harriet.thomas@fultoncountyga.gov Chairman Fulton County Security Level: Email, Account Authentication (None)	<i>Robert L. Pitts</i>	Sent: 12/29/2025 7:40:10 AM Viewed: 12/29/2025 7:48:32 AM Signed: 12/29/2025 7:48:43 AM
<b>Electronic Record and Signature Disclosure:</b>		
Accepted: 12/29/2025 7:48:32 AM ID: 7aea2eb6-1b55-4909-904d-128c71abce14		
Tonya Grier tonya.grier@fultoncountyga.gov Clerk to the Commission Fulton County Government Security Level: Email, Account Authentication (None)	<i>Tonya Grier</i> 	Sent: 12/29/2025 7:48:45 AM Viewed: 12/29/2025 7:51:11 AM Signed: 12/29/2025 7:51:26 AM
<b>Electronic Record and Signature Disclosure:</b>		
Accepted: 10/27/2025 8:21:47 AM ID: 4889b84d-8ea3-4ba9-bf87-bf4c309e21ab		
In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp
Darlene Banks darlene.banks@fultoncountyga.gov Assistant Purchasing Agent Fulton County Government Security Level: Email, Account Authentication (None)	COPIED	Sent: 12/29/2025 7:51:29 AM
<b>Electronic Record and Signature Disclosure:</b>		
Not Offered via DocuSign		

Carbon Copy Events	Status	Timestamp
Dian DeVaughn dian.devaughn@fultoncountyga.gov Security Level: Email, Account Authentication (None)	<b>COPIED</b>	Sent: 12/29/2025 7:51:30 AM
<b>Electronic Record and Signature Disclosure:</b> Not Offered via DocuSign		
Nikki Carr ncarr@ruby-collins.com Security Level: Email, Account Authentication (None)	<b>COPIED</b>	Sent: 12/29/2025 7:51:31 AM
<b>Electronic Record and Signature Disclosure:</b> Accepted: 4/7/2025 1:42:26 PM ID: 874fcc63-d8a9-4aac-ac4a-61510e39fd9d		
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	12/18/2025 8:08:07 AM
Certified Delivered	Security Checked	12/29/2025 7:51:11 AM
Signing Complete	Security Checked	12/29/2025 7:51:26 AM
Completed	Security Checked	12/29/2025 7:51:31 AM
Payment Events	Status	Timestamps
<b>Electronic Record and Signature Disclosure</b>		

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To let us know of a change in your e-mail address where we should send notices and disclosures electronically to you, you must send an email message to us at [glenn.king@fultoncountyga.gov](mailto:glenn.king@fultoncountyga.gov) and in the body of such request you must state: your previous e-mail address, your new e-mail address. We do not require any other information from you to change your email address..

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**Required hardware and software**

Operating Systems:	Windows® 2000, Windows® XP, Windows Vista®; Mac OS® X
Browsers:	Final release versions of Internet Explorer® 6.0 or above (Windows only); Mozilla Firefox 2.0 or above (Windows and Mac); Safari™ 3.0 or above (Mac only)
PDF Reader:	Acrobat® or similar software may be required to view and print PDF files
Screen Resolution:	800 x 600 minimum
Enabled Security Settings:	Allow per session cookies

\*\* These minimum requirements are subject to change. If these requirements change, you will be asked to re-accept the disclosure. Pre-release (e.g. beta) versions of operating systems and browsers are not supported.

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