



July 1, 2024

Mr. Tate Horton
Augusta Utilities Dept
452 Walker Street, Suite 200
Augusta, GA 30901

Subject: Amendment #2– Hicks Water Treatment Plant Filter 4 Rehabilitation
Consultant Engineering Services

Dear Mr. Horton:

In accordance with recent conversations, it is our understanding that Augusta Utilities Department intends on modifying the existing construction contract for the Hicks Water Treatment Plant Filter 3 Rehabilitation project to include the originally scoped rehabilitation of Filter 4 at the Hicks Water Treatment Plant. Per your request, Ardurra would like to herein request an amendment to our agreement to include additional engineering services in accordance with the attached Attachment A – Scope of Services.

Should you have any questions or need any additional information, please contact me at your convenience.

Thanks in advance,

Jeffrey L. Duplantis, MS, PE, PMP
Client Service Manager

Cc: Aaron Baird

ATTACHMENT A – SCOPE OF SERVICES

Purpose

The purpose of this Scope of Services is to authorize and direct CONSULTANT (Ardurra Group) to provide professional services relating to the proposed sanitary sewer upgrades for the Hicks Water Treatment Plant Filter 4 Rehabilitation project.

Scope of Services

The Filter 4 Rehabilitation project will be limited to replacement of the existing underdrain system and filter media for **both bays** of Filter 4 at the Hicks Water Treatment Plant. Provisions for minor structural repairs will be included, but CONSULTANT has assumed, based on visual inspection, that the filter is not experiencing major structural issues. Anthracite media will be purchased directly from CITY's existing sole source provider, UNIFILT. Proposed underdrain system shall be replaced in-kind with the Leopold Type S block system with IMS 200 cap. Sand media will be open bid.

Under the scope of CITY Purchase Order No. 23AUA199, CONSULTANT previously provided engineering design services for the Filter 4 Rehabilitation project. Additionally, the CITY intends on awarding the construction contract to the contractor already contracted at the Hicks Water Treatment Plant for the Filter 3 Rehabilitation project. Therefore, under this amendment, CONSULTANT shall be providing engineering services solely related to construction administration and as needed resident inspection.

The scope of services for this project includes the following:

Task 1 – Project Management

Project Management services shall include coordination of the project team, communications and meetings with CITY staff, and monitoring schedule and budget. Services also include preparation of invoices and monthly progress reports.

Task 2 – Construction Administration Services

Construction Administration Services will include general consultation and advice regarding construction activities, attending a preconstruction conference, attending monthly construction progress meetings, and attending a final inspection for substantial completion.

CONSULTANT will provide request for information (RFI) reviews, field change reviews, pay request review, and conducting final inspections for substantial completion as may be required of the CONSULTANT by the CITY. At the conclusion of the project, development of as-built documents including the contractor's redline information in the drawings to document changes that occurred in the field.

Task 3 – As-Needed Resident Project Representative

CONSULTANT will provide the services of a Resident Project Representative (RPR) on an as needed basis at the Site to assist the CONSULTANT and to provide more extensive observation of Contractor's work. Duties, responsibilities, and authority of the RPR are as set forth as follows.

Through RPR's observations of the Work, including field checks of materials and installed equipment, CONSULTANT shall endeavor to provide further protection for CITY against defects and deficiencies in the Work. However, CONSULTANT shall not, as a result of such RPR observations of the Work, supervise, direct, or have control over the Work, nor shall CONSULTANT (including the RPR) have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, for security or safety at the Site, for safety precautions and programs incident to the Work or any Constructor's work in progress, for the coordination of the Constructors' work or schedules, or for any failure of any Constructor to comply with Laws and Regulations applicable to the performing and furnishing of its work. The CONSULTANT (including RPR) neither guarantees the performances of any Constructor nor assumes responsibility for any Constructor's failure to furnish and perform the Work, or any portion of the Work, in accordance with the Construction Contract Documents.

RPR shall report to CONSULTANT whenever RPR believes that any part of the Work is defective under the terms and standards set forth in the Construction Contract Documents and provide recommendations as to whether such Work should be corrected, removed and replaced, or accepted as provided in the Construction Contract Documents. RPR will inform CONSULTANT of any Work that RPR believes is not defective under the terms and standards set forth in the Construction Contract Documents but is nonetheless not compatible with the design concept of the completed Project as a functioning whole and provide recommendations to CONSULTANT for addressing such Work. RPR will also advise CONSULTANT of that part of the Work that RPR believes should be uncovered for observation, or requires special testing, inspection, or approval.

Services Not Included

Permitting Services are not part of CONSULTANT's work and may be performed on an as needed basis with compensation being invoiced on a Cost-Plus basis.

ATTACHMENT B - COMPENSATION

The CITY shall compensate the CONSULTANT for services, which have been authorized by the CITY under the terms of this Agreement.

The CONSULTANT may submit to the CITY a monthly invoice, in a form acceptable to the CITY and accompanied by all support documentation requested by the CITY, for payment for the services, which were completed during the billing period. The CITY shall review for approval said invoices. The CITY shall have the right to reject payment of any invoice or part thereof if not properly supported, or if the costs requested or a part thereof, as determined solely by the CITY, are unreasonably in excess of the actual phase of completion of each phase. The CITY shall pay each such invoice or portion thereof as approved, provided that the approval or payment of any such invoice shall not be considered to be evidence of performance by the CONSULTANT to the point indicated by such invoice, or of receipt of acceptance by the CITY of the service covered by such invoice. The CITY shall pay any undisputed items contained in such invoices.

Each invoice shall be accompanied by a letter progress report describing the total work accomplished for each phase and any problems, which have been encountered, which may inhibit execution of the work. The CONSULTANT shall also submit an accurate updated schedule, and an itemized description of the percentage of total work completed for each phase during the billing period.

When the CITY authorizes the CONSULTANT to proceed with the work authorized in a Task Order, it agrees to pay the CONSULTANT for work completed, on a lump sum per cent complete basis.

Overtime may be performed at the discretion of the CONSULTANT, but the premium time portion of the overtime will not be billed to the CITY unless the CONSULTANT has requested acceleration of the scheduled work in writing.

Fee Schedule for Hicks WTP Filter 4 Rehabilitation		
Project Phases	Unit	Unit Cost
Task 1 - Project Management	Lump Sum	\$6,700
Task 2 - Construction Administration Services	Lump Sum	\$25,700
Task 3 - As-Needed Resident Project Representative	T&M	\$10,000
Other Direct Costs		\$2,000
TOTAL		\$44,400

ATTACHMENT C - LISTING OF KEY PERSONNEL

CONSULTANT shall provide qualified personnel to perform its work. The list of key personnel below, including a designated Program Manager will not change or be reassigned without the written approval of the CITY. Those personnel committed for this work are as follows:

Jeff Duplantis, PE, Project Mgr		
Aaron Baird, PE, Design Mgr		
Joe Downey, PE, QA/QC		
Donald Phillips, PE, QA/QC		
Ian Schlosser, EIT, RPR		