

September 26, 2016

Mr. Heath Lee
Reservoir Operator
Cobb County-Marietta Water Authority
1170 Atlanta Industrial Drive
Marietta, GA 30066

Re: Hickory Log Creek Bridge Coatings Project

Dear Heath:

As requested, Hazen and Sawyer (Hazen) is pleased to provide the following letter proposal for the Hickory Log Creek (HLC) Bridge Coatings Project to the Cobb County-Marietta Water Authority (Authority) and City of Canton, Georgia (City). If acceptable, this work will be performed under a joint contract between the Authority/City and Hazen.

PROJECT UNDERSTANDING

The Authority and City of Canton have scheduled the pedestrian bridge at the HLC Dam to be re-coated. The Authority has requested Hazen to develop technical specifications and provide limited bid phase and construction phase services for this project.

SCOPE OF WORK

The following work tasks will be performed:

- Conduct a site visit to investigate the condition of the exterior coating of the bridge. Discuss existing and possible recommended coating systems with paint manufacturers.
- Prepare and submit draft bid documents that will utilize front-end documents (Division 0) provided by the Authority/City and a technical coatings specification prepared by Hazen. Hazen also will prepare a specification for special conditions that will define unique project requirements. Hazen will conduct a meeting with the Authority and the City to review the draft documents, discuss comments and address final details. For this project no drawings will be required; all project requirements will be included in the contract specification document. The shop drawings of the existing bridge will be included as an appendix to the project specifications.
- Provide limited bid phase services that include attending a pre-bid meeting, responding to questions from bidders, issuing addenda if required, tabulating bids received, and providing a recommendation of award letter to the Authority/City.

The Authority and City will provide administration of the construction contract. Hazen will assist the Authority and City by providing limited construction services consisting of the following:

- Conform contract documents to incorporate any addenda issued. Issue Notice of Award letter upon approval by the Authority and City of Canton.
- Attend preconstruction conference with selected contractor to address key contract and project elements.
- Review and approve shop drawings, respond to Requests for Information (RFI's) and review partial pay requests.
- Provide periodic inspection services (up to 8 visits at 8 hours each) that include verifying surface preparation, verifying environmental conditions meet coating application requirements, and confirming wet film/dry film thicknesses meet contract requirements. The inspection frequency will be determined by Contractor's activities. A site visit report will be prepared and submitted to the Authority/City.
- Coordinate and attend final inspection by Coating Manufacturer.

KEY PERSONNEL

The following key personnel will be assigned to this project:

- *Fred Powell, PE, SE, Associate*, will be the lead engineer and prepare the technical specifications and conduct the periodic coatings inspection services.
- *William Russell, RA, Senior Associate*, will provide technical assistance and QC review of the coating system selection and application.
- *David Haas, Senior Associate*, will be the project manager and assist in preparing the contract documents.

SCHEDULE

The anticipated project milestones are summarized in the following table.

Milestone	Estimated Time From NTP
Kick-Off Meeting & Site Visit	2 weeks
Submission of Draft Bid Documents	5 weeks
Review Meeting	6 weeks
Submission of Final Bid Documents	8 weeks
Bidding Services	As Required
Construction Phase Services	As Required*

* Up to a 10-week construction duration is assumed.

FEE ESTIMATE

Hazen proposes to accomplish the above scope of services using hourly billing rates with a not-to-exceed maximum fee of \$35,000 without prior authorization by the Authority and City. The estimated cost by task is summarized in the following table.

Task	Fee
Design Services	\$11,000
Bidding Services	\$ 5,000
Construction Services	\$19,000
<i>Total Maximum Fee Amount Not To Exceed</i>	<i>\$35,000</i>

Please call Mr. Fred Powell or me if you have any questions about this proposal. We look forward to continue to support the Authority through this project.

Very truly yours,

Pat Rogers, PE
Vice President

cc: David Hatabian, City of Canton
Fred Powell, Hazen
David Haas, Hazen

Enclosure