

ADDITIONAL SERVICES AMENDMENT NUMBER 2

This amendment to the Professional Services Agreement dated August 25, 2021, between the City of Cartersville, GA (Client) and Barge Design Solutions, Inc. (Barge) is for additional services described as follows:

Project: Terrell Heights – Storm Sewer System Improvement Project

Project Description: Provide survey, design, permitting, and bid phase services for stormwater improvements for the Terrell Heights neighborhood.

I. PROFESSIONAL SERVICES: Barge agrees to perform the following additional services under this Amendment:

Bid phase and construction phase services as described in the attached Exhibit A

II. COMPENSATION: The compensation to be paid to Barge for providing the requested additional services shall be:

<input type="checkbox"/>	Cost Plus in accordance with the rate schedule attached as Exhibit "A" including applicable reimbursables.		
<input type="checkbox"/>	Estimated Fee \$		or Maximum Fee \$
<input checked="" type="checkbox"/>	Lump Sum \$	48,500	
<input type="checkbox"/>	Percentage of Construction Cost	%	Estimated Fee \$
<input type="checkbox"/>	Other (specify)		

III. TERMS AND CONDITIONS: Services performed under this amendment are subject to the same terms and conditions described in the Professional Services Agreement as referenced above.

City of Cartersville, GA		Barge Design Solutions, Inc.	
By:		By:	
Printed Name:		Printed Name:	
Title:		Title:	
Address:		Address:	

Barge Design Solutions, Inc. (Barge) will provide the following scope of services for the City of Cartersville, Georgia (Client) including an additional round of bid phase services and construction phase services for the combined Phase 1 & Phase 2 Amendment No. 2 – Terrell Heights Stormwater:

Task 1 – Bid Phase Services

An additional round of bid phase services was required for the project due to lack of bid responses for Phase 1; both phases were combined as a single project. The bid phase services included providing bid documents for advertisement, responses to bidder inquiries, preparation of addenda, and review of bids as summarized below:

- Addressed a second round of utility reviews for the Phase II portion of the construction documents.
- Prepared Advertisement for Bids and coordinate common documentation with CTI Engineers.
- Participated in Bid Opening.
- Assisted the Client with review of contractor bid packages for responsiveness and qualification, contact references of apparent low bidder, and provide recommendation for award.

Deliverables:

- Advertisement for Bids
- Conformed contract documents – plans and specs in PDF format

Assumptions:

- The bid phase services task has been completed and the City intends to self-perform portions of the project while contracting other portions (CIPP, Woodland Dr pipe installation)

Task 2 – Construction Phase Services

Limited construction phase services are proposed, and the Client plans on self-performing portions of the construction. The following construction phase support services are anticipated, to assist the Client in implementing the construction contract.

- For the former Phase I portions of the project, up to two RFIs or field changes are assumed to address unknown conditions along the existing stormwater infrastructure route once excavation has occurred.

- CIPP contractor coordination and RFI responses.

Woodland Drive pipe and/or pond construction portion to be performed by contractor:

- Attend up to one pre-construction meeting for the Woodland Dr pipe installation with Client and the Contractor's representatives.
- Attend monthly progress meetings with Client and the Contractor's representatives to provide engineering support for field issues; prepare meeting agenda and summaries.
- Review Contractor's project status reports, monthly pay applications, and change order log.
- Perform periodic site visits to review site conditions to review materials and workmanship used on the project for compliance with the contract documents.
- Review Contractor submittals for compliance with the specifications and drawings. Barge's review shall be for general conformity to the construction contract documents and shall not relieve the Contractor of any of his contractual responsibilities. Such reviews shall not extend to means, methods, techniques, sequences, or procedures of construction, or to safety precautions and programs incident thereto. It has been assumed that review time will be limited to the initial submittal and one resubmittal for each separately submitted item.
- Respond to Contractor requests for information (RFI), issue clarifications and interpretations of the contract documents as necessary and maintain an RFI log.
- Review test plans and witness field performance and acceptance tests specified in the construction specifications.
- Perform one-day pre-final inspection and prepare construction punch list at Substantial Completion.
- Conduct one-day final inspection to verify completion of punch list and other items.
- Incorporate Contractor's red-line markups into the electronic drawing files to capture field changes or adjustments made during the execution of the work.
- Review Contractor closeout documents for completion, including O&M documents, certificates of completion, warranties, etc.

Deliverables:

- Monthly construction progress meeting agenda, sign-in sheet, and meeting summary

- Contract correspondence, including as applicable: comments on submittals, clarifications, responses to RFIs, and site visit reports
- Punch list at Substantial Completion
- Record drawings – electronic version in PDF format

Assumptions:

- For the former Phase I portion of the project, the client will self-perform the construction with no construction meetings or site visits included in the scope by Barge.
- The construction phase will start in 2024 and is anticipated to take 6 months, with 4 months of onsite construction requiring site visits.
- Periodic site visits are anticipated approximately two times per month during heavy onsite construction activities.
- Resident Project Representative (RPR) services are not included in this proposal but can be added if requested.
- Client- or contractor-directed changes that require design support during construction are not anticipated; such services can be provided as additional services to this proposal.
- No startup and commissioning services are anticipated.
- Review of contractor submittals is limited to one re-review for each submittal and up to 25 submittals are included.
- All concrete, earthwork, and structural steel testing will be furnished by others.
- Any field construction stake-out surveying or as-built surveying is by others.
- By performing the construction phase services, Barge shall not have authority or responsibility to supervise, direct, or control the Contractor's work or the Contractor's means, methods, techniques, sequences or procedures of construction. Barge shall not have authority or responsibility for safety precautions and programs incident to the Contractor's work or for any failure of the Contractor to comply with laws, regulations, rules, ordinances, codes, or orders applicable to the Contractor furnishing and performing the work.
- Barge shall not be responsible for the acts or omissions of the Contractor, or of any subcontractor or supplier, or any of the Contractor's or subcontractor's or supplier's

agents or employees or any other persons (except Barge 's employees or agents) at the site or otherwise furnishing or performing any of the Contractor's work.

Assumptions:

- CIPP design, figure generation, scoping, and specifications for additional areas within the City can be included as an additional service on an hourly basis, at the request of the Client.