



**DeKalb County
Department of Purchasing and Contracting**

February 13, 2023

REQUEST FOR PROPOSALS (RFP) NO. 23-500640

DESIGN BUILD SERVICES

FOR

UPGRADE LOWER CROOKED CREEK NO. 2 (LCC 2) PUMP STATION

Procurement Agent: Willie Moon
Phone: (404) 371 - 7021
Email: wm@dekalbcountyga.gov

Mandatory DeKalb First LSBE Meeting: February 15, 2023, February 22, 2023, March 1, 2023,
(Bidders must attend 1 meeting on either or March 8, 2023
of the dates listed.) (Meetings are held at 10:00 a.m. and 2:00 p.m. EST)

Video Conference: Utilize the link supplied on our
webpage labeled "DeKalb First LSBE Video Meeting"

Mandatory Pre-Proposal Conference: February 27, 2023 at 10:00 A.M.
Via Zoom Video Conference:
<https://dekalbcountyga.zoom.us/j/85208714868>
Password: 500608

Deadline for Submission of Questions: 5:00 P.M. ET, March 15, 2023
Deadline for Receipt of Proposals: 3:00 P.M. ET, May 1, 2023

THE RESPONSIBILITY FOR SUBMITTING A RESPONSE TO THIS RFP TO THE
DEPARTMENT OF PURCHASING AND CONTRACTING OF DEKALB COUNTY
GOVERNMENT ON OR BEFORE THE STATED DATE AND TIME WILL BE SOLELY AND
STRICTLY THE RESPONSIBILITY OF THE RESPONDER.

TABLE OF CONTENTS

Section	Title	Page
I.	Introduction.....	3
II.	Statement of Work	7
III.	Proposal Format	11
	A. Cost Proposal	11
	B. Technical Proposal	12
	C. DeKalb First Local Small Business Enterprise Ordinance	19
	D. Federal Work Authorization Program.....	19
IV.	Criteria for Evaluation	19
V.	Contract Administration.....	20
	A. Standard County Agreement	20
	B. Submittal Instructions	20
	C. Mandatory Pre-Proposal Conference	20
	D. Questions.....	21
	E. Acknowledgement of Addenda	21
	F. Proposal Duration	21
	G. Project Director/Contract Manager.....	21
	H. Expenses of Preparing Responses to this RFP.....	21
	I. Georgia Open Records Act.....	21
	J. First Source Jobs Ordinance.....	22
	K. Business License and Professional License	22
	L. Utility Systems Contractor License and Utility Manager's Certificate....	22
	M. Ethics Rules	22
	N. Right to Audit.....	23
	O. Insurance for Professional Services	23
	P. Valid Insurance, Bonds, Permits and Certificates	24
	Q. Builders Risk Insurance Coverage.....	25
	R. DeKalb County, Georgia's Title VI Policy Statement.....	26
	S. Cooperative Agreement	26
	T. Funding.....	26
	U. Price Escalations and Reductions	26
VI.	Award of Contract.....	27
VII.	Attachments.....	28
VIII.	Exhibits	28



DeKalb County
Department of Purchasing and Contracting
Maloof Administration Building, 1300 Commerce Drive, 2nd Floor, Decatur, Georgia 30030

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FOR

UPGRADE LOWER CROOKED CREEK NO. 2 (LCC 2) PUMP STATION

DEKALB COUNTY, GEORGIA

DeKalb County Government (the County) requests qualified individuals and firms with experience in design build services to submit proposals to provide Design Build Services (DBS) at Lower Crooked Creek No. 2 (LCC 2) Pump Station (PS). This project will replace the existing LCC 2 pump station and allow the decommissioning of the Lower Crooked Creek No. 3 (LCC 3) pump station. The Rogers Lake PS will also be upgraded (needs mechanical updates).

I. INTRODUCTION

A. GENERAL INFORMATION

The DeKalb County Department of Watershed Management (DWM) is soliciting proposals from interested firms to design, permit, construct, and commission the Lower Crooked Creek No. 2 (LCC2) Pump Station (PS). This Project includes but is not limited to replacing the existing LCC 2 PS, demolition of the existing LCC 2 and LCC 3 PSs, upgrading or replacing the Rogers Lake PS, and connecting to the Rogers Lake PS discharge location (manifolded force main connection), and the interconnection of the LCC 2 and LCC 3 force mains (24" to 24").

The RFP for the Design Build Services for Upgrade Lower Crooked Creek No. 2 Pump Station Project invites proposals according to the requirements set forth in this RFP, including the format and content guidelines in Section III. B., Technical Proposal.

B. BACKGROUND

The existing LCC 2 PS is located in the Pole Bridge Creek sewage drainage basin in the southeast part of the County, as shown in Exhibit 7 (Project Map). The Project site is the existing LCC 2 PS site located at 1485 Rock Chapel Road, Lithonia, GA 30058. The LCC 2

PS currently pumps wastewater to Pole Bridge Creek Advanced Wastewater Treatment Plant (AWTP) through a series of two force mains (FM), which discharge into a Gravity (or trunk) Sewer (GS) system, about 15,600 LF long, upstream of the Pole Bridge Creek AWTP.

LCC 2 PS is approximately 36 years old and needs upgrades if it were to remain in service (Brown & Caldwell's [B&C] assessment of the existing facility is included in Exhibit 1 – Existing Lower Crooked Creek No. 2). Options were studied by B&C for this facility (as well as the remaining two Lower Crooked Creek PSs) and applicable excerpts of this evaluation have been provided in this RFP. After the investigation by B&C and discussions with DWM, the replacement of LCC 2 PS with a two-stage pumping system (pumps in series) was selected as this would also allow the elimination of the LCC 3 PS. The small local flow (served by the Rogers Lake Pump Station is also part of this Project (new pump station and small diameter force main manifolded to the combined LCC 2 / LCC 3 large force main). The replacement of LCC 1 PS is a future project not included in this scope of services.

The existing facilities also face an operational challenge of a significant reduction of influent flows into the LCC pumping system from Gwinnett County. Excerpts pertaining to the proposed Basis of Design from the B&C alternatives study are included in Exhibit 2 – Overall BOC Review and Exhibit 3 – Lower Crooked Creek 2 - Two Stage System. Essentially the existing facilities have experienced reductions in average and peak flow pumping requirements due to internal system changes within Gwinnett County.

Additionally, the existing LCC 2 PS experiences hydraulic transients (B&C Technical Memorandum provided in Exhibit 4. The proposed replacement facility will require the application of an integrated Programmable Logic Controller (PLC) and Variable Frequency Drive (VFD) or integrated Variable Voltage Soft Start (VVSS) technologies to reduce impact of hydraulic transients during pump start-ups or shutdowns.

C. PROJECT PHASES

The Project is to be designed and constructed in two (2) phases using the design-build delivery method:

1. Phase 1:
 - a. 30% and 60% design of proposed Project
 - b. Obtain Georgia Environmental Protection Division (EPD) wastewater construction approval and any other permits needed to construct the Project, after the County's Department of Watershed Management (DWM) approval of the Guaranteed Maximum Price (GMP) and 60% design contract documents
 - c. Preparation of a GMP (Open Book Estimating)
2. Phase 2:
 - a. 100% design of Project
 - b. Construct the Project and conduct post-construction tasks, including performance testing, startup and commissioning, and operator training and support (should the GMP be approved by the County in Phase 1)

** The Total Price provided with this PROPOSAL shall be a Guaranteed Maximum Price for evaluation purposes only. Final GMP will be negotiated at the 60% design level with the selected Design-Builder Contractor, however the final GMP shall not exceed the Total Price submitted with this PROPOSAL. If the negotiation is not successful then the County has the right to utilize the design completed in Phase 1.*

D. BASIC DEFINITION

1. GMP – The Guaranteed Maximum Price for complete design and construction of the Project provided with the PROPOSAL, which shall not be exceeded throughout the entire Project duration.
2. Total Price – The Total Price of the Project that shall be negotiated during the 60% design phase and shall not exceed the GMP provided with the PROPOSAL at any time throughout the entire Project duration.
3. Substantial Completion – “Substantial Completion” means that stage in the progressions of Work, as approved by Owner in writing, when the Project is sufficiently complete in accordance with the Contract in which the Owner can enjoy beneficial use of the new LCC 2 PS.
4. Final Completion – “Final Completion” means the completion of all Design Services and all Work required by, and in strict compliance with, the Contract, including Design-Builder’s provision to Owner of all documents and materials required to be provided by the Contract. Final Completion includes the completion of “punch-list” items developed at the field inspection after the D/B Contractor submits application for Substantial Completion. The Final Completion date establishes the start of the warranty period.

This RFP is subject to revision after the date of issuance only via written addenda. Addenda will be posted on County’s website (not distributed directly to potential Respondents). It is each Respondent’s responsibility to obtain all RFP addenda prior to submitting its PROPOSAL.

In no event will County be liable for any costs incurred by any Respondent or any other party in developing or submitting a PROPOSAL.

E. OBJECTIVES

The County’s objectives for delivery of the Project are as follows:

1. Schedule: Achieve mutually agreed upon milestone dates for design, construction and performance testing of the Project.
2. Quality: Provide wastewater pumping facilities that will reliably convey the anticipated quantities of wastewater in full compliance with Federal and State regulations and contractual standards and conditions set forth in Exhibit 8 (Project Technical Requirements).

3. Cost: Minimize life-cycle cost.
4. Risk: Achieve an optimal balance of risk allocation between the County and the Design- Builder.
5. Safety: Implement an effective safety program incorporating best industry practices;
6. Coordination and Collaboration: Achieve a high degree of design-build coordination, establishing a working environment that emphasizes innovation, teamwork, cost savings methodologies, and partnering between all Project parties.

By selecting the design-build delivery method for the Project, the County is committed to working in close collaboration with the Design-Builder during Phase 1 to develop the Project's design to achieve the Project objectives and to obtain a mutually agreeable GMP for delivery of the Project. As set forth in Exhibit 8 (Project Technical Requirements), the County has certain technical requirements and standards that will apply to the Project's design.

F. PERFORMANCE TIME

The services required for this RFP shall commence within 10 calendar days after acknowledgement of receipt of a written Notice to Proceed (NTP) and shall be completed within 1338 days. Any additional performance time that may be required must be approved in writing by the County.

G. The County reserves the right to make one (1) award or multiple awards.

H. REQUIRED DOCUMENTS

The following Required Documents Checklist includes a list of attachments which **must** be completed and returned with Responder's technical proposal:

Required Documents	Attachment
Cost Proposal Form (1 copy, separate & sealed)	B
Proposal Cover Sheet	C
Contractor Reference and Release Form	D
DeKalb First LSBE Information (with Exhibits 1 – 2) and Mentor Protégé Initiative Form	G
Certificate of Corporate Responder or Certificate of Authority-Joint Venture	I
Affidavit and Oath of Responder	J
Proposal Bond	K
Required Professional Licenses or Certificates	-----
Utility Systems Contractor's License and Utility Manager's Certificate	-----
Required Resumes	-----
Technical Details Descriptions and Initial Drawings	-----
Audited Financial Statements or Alternative (Balance sheet, Income Statements, <u>and</u> Cash Flow Statement)	-----
Assumptions and Exceptions to the Scope of Work and/or Sample County Agreement for Professional Services, if any	-----

NOTE: Failure to complete and submit these mandatory forms and/or documents with the technical proposal, will result in the responder being deemed non-responsive. Subcontractor forms are to be completed if a subcontractor will be utilized to fulfill the requirements of this contract. Failure to submit these forms, if applicable, will result in the responder's proposal being deemed non-responsive.

II. STATEMENT OF WORK

The Design-Builder shall be responsible for the design of all facilities in accordance with the design standards and requirements set forth in the Project Technical Requirements (Exhibit 8). The Design-Build Firm shall prepare all construction plans and specifications required to obtain all permits, governmental approvals, and construct all facilities to ensure that the Project is timely constructed to specifications. The construction plans and specifications shall adhere to the design standards and requirements set forth in the Project Technical Requirements (Exhibit 8), DeKalb County Department of Watershed Management Design and Construction Standards, Georgia EPD's Minimum Standards for Public Water and Sewer Systems, and all other local, State, and Federal requirements of Governmental Authority.

DeKalb County Department of Watershed Management Design and Construction Standards can be obtained by downloading from the DWM website at the link below:

<https://www.dekalbcountyga.gov/watershed-management/office-engineering-construction-management-services>

The Design-Builder shall prepare drawings, specifications, permit applications, and supporting documentation to obtain all permits and approvals necessary to construct the Project. The Design-Build firm shall provide construction services to build and complete all Project Facilities as required by this RFP and the Design-Build Contract, including all labor, materials, and equipment. Unless otherwise specified in the Design-Build Contract, the Design-Builder shall furnish or cause to be furnished and assume full responsibility for materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for completion of the Project.

Services also generally encompass construction and performance testing. Permitting activities are included in the scope of this RFP, as shown in Exhibit 9 (Project Permitting Requirements). As-constructed contract documents (complete plans, shop drawings of all proposed components, and an Operations and Maintenance [O&M] Manual) shall be provided to DeKalb County at the conclusion of Phase 2 (before final payment).

The final design is to be prepared in Phase 2 as defined in Attachment A (Scope of Work). Design and construction are to be performed concurrently on a parallel path as design steps are completed by the Design-Builder and approved by the County. Construct the Project and conduct post-construction tasks, including performance testing, startup, commissioning, and operator training and support.

A. PHASE 1 SERVICES:

1. Project Management for the combined design/build team (DB team) including adequate and qualified personnel on this pump station upgrade project.
2. Develop the Project execution plan, including Project schedule to ensure the County is fully informed on overall progress, any issues that the DB team needs answers, ongoing periodic progress meetings with the County, and other efforts needed to ensure professional, accurate, and timely communications relative to this Project. Draft will be submitted seven (7) calendar days prior to the Kickoff Meeting and finalized within fourteen (14) calendar days of receiving County comments, Project Kickoff Meeting – To be scheduled within 21 days of NTP from the County. The DB team shall be fully prepared, including a draft Project Execution Plan, Project Schedule, list of known technical questions and issues, summary of Project goals and objectives, and a risk assessment.
3. Monthly Progress Reports shall be submitted with applications for payment for the Work completed during the prior pay period.
4. Quality control plan (engineering) to ensure proper functionality to required operational metrics, conformance with applicable standards, codes, and permitting requirements (all agencies). The DB team shall internally review all calculations and deliverables prior to submission to the County. Submissions of calculations and other technical details shall be neatly kept in an orderly fashion for ease of reviews, suitable for a permanent record of the design work, and submitted to the County, as applicable, with each deliverable. Highlight significant assumptions and conclusions in these submitted calculations and basis of design elements. All quality control checks shall be comprehensive and shall include at a minimum checking against existing geospatial relationships, subsurface conditions, utilities, sizes/slopes/dimensions, constructability, and coordination of trades/disciplines.
5. A Change Management log (documentation of changes as the Project progresses) shall be maintained by the DB team and submitted with each Monthly Progress Report.
6. Schedule Management – The DB team shall prepare, maintain and provide updates to the Project Schedule using scheduling software approved for use by the County. Submitted schedules shall be submitted as electronic files (native and Adobe Acrobat PDF format) and shall be updated monthly during both Phase 1 and Phase 2. If approved, the final proposed schedule for Phase 2 shall be used as a baseline, and all modifications (e.g., actual progress) shall be measured against the baseline datum. Start and finish dates for all tasks shall be provided, and the schedule shall include all milestones (critical path or not) along with meeting and workshop dates, as applicable. Identification of critical path and float shall be shown. Float is for the exclusive use or benefit of the County. A two (2) week review period shall be assumed for County review/comments.
7. Topographic and subsurface surveys and geotechnical investigations shall be done by the DB team and in accordance with applicable County standards.
8. Project Management Information System (PMIS) – A web-based County-approved PMIS shall be used to facilitate collaboration and management of the Project.
9. The D/B team shall assess the condition of the existing force mains (LCC 2 to LCC 3 and LCC 3 to the discharge point) and provide recommendations for any repairs as necessary.

- This assessment should be assumed to be completed while the force mains are still in use.
10. Develop the Basis of Design Report (BODR) including proposed options considered, conceptual design (10%), specifics on proposed aspects of the needed two-stage pumping, and how the existing site will be used for the proposed construction (e.g., minimizing impact to ongoing operations). Comparison of proposed Project costs for recommended alternative to proposed GMP shall be included in this deliverable.
 11. Prepare and submit 30% Design Documents (after County approval of the BODR), including the following:
 - a. Drawing
 - Cover Sheet
 - Index of Drawings (ultimately expected for 100% drawings/as-constructed)
 - Location/Vicinity Maps
 - General Site Layout
 - Proposed LCC 2 plan and section views
 - Proposed Rogers Lake Pump Station plan and section views
 - Proposed force main interconnection (24") and Rogers Lake force main tie-in details
 - Proposed force main repairs (if any)
 - Start of drawings for additional engineering disciplines
 - a. List of Specifications (highlight modifications from DWM Guide Specifications)
 - b. Design Calculations
 12. Prepare and submit 60% Design Documents for DWM review and approval (after County approval of 30% Design Documents), including response to all DWM/County comments on 30% design documents, any updates to BODR or other prior submittals, drawings developed to 60% completion, specifications developed to at least 60% completion, constructability review, applicable updates to Design Calculations, and any "value engineering" suggestions that the DB team proposes for the County to consider, including any schedule or cost impacts.
 13. Prepare a project cost model and provide detailed cost estimates as the design and design alternatives are advanced. The work breakdown structure of the estimates shall match the detailed schedule of values used in partial payment applications.
 14. Perform engineering studies (such as additional subsurface geotechnical investigations and site surveys) to support design and cost estimating (as necessary).
 15. Perform confirmation of existing gravity sewer (on-site at LCC 3) – notably that there is no sanitary flow (not customers per DWM but the D/B team needs to confirm. Design "future" manifolded connection with isolation valve and cap (for future local pump station) such that no existing pipe requires tapping for future connection.
 16. Identify Project permitting requirements.
 17. Submit and negotiate a GMP to complete the Phase 2 services. Note, this must include a complete and detailed Schedule of Values (broken down to Cost Proposal basis and sub-breakdowns to work according to CSI Division 1-17 format).
 18. Submit and negotiate a final project construction (cost loaded) schedule that reflects all work included in the GMP and 60% design documents.
 19. Identify and provide easement documents (e.g., plats and legals for additional permanent or temporary construction areas needed to complete this Project) to allow DWM to obtain

necessary easements.

B. PHASE 2 SERVICES:

1. Project Management for Phase 2 services shall include administration, correspondence management, document control, Requests for Information (RFIs), Change Orders, and all other pertinent Project documentation.
2. Pre-Construction Conference (prior to any work being initiated).
3. Construction Management (submittals/RFIs/change orders). No changes to the approved 60% Design Documents shall be allowed without prior notice to and approval by DWM (the County).
4. Change Management – continued through Phase 2.
5. Establishment of site-specific benchmarks and survey reference points.
6. Monthly Progress Meetings shall continue throughout the duration of the construction project. Design-Builder to provide an on-site meeting facility sufficient for eight (8) DWM personnel.
7. Coordination with ongoing DWM operations. The DB team shall identify, coordinate and work within proposed process outages (as approved by DWM) in advance of any work that will impact DWM operations. The DB team shall maintain 24/7 access for DWM operations to continue the operation, maintenance, and repairs to the existing facilities (LCC 2, LCC 3, and Rogers Lake pump station).
8. Notice of Intent (NOI) to be prepared by DB team and submitted to applicable agencies.
9. Initiate and maintain fully compliant Best Management Practices (BMPs) throughout the Project area.
10. Support DWM in the obtaining of the necessary additional easements for this Project.
11. Procure equipment and subcontractors.
12. Provide and execute all design efforts needed to complete the project design from 60% to 100%, during construction and through the successful completion of start-up and commissioning efforts.
13. Secure all necessary permits and performance bonds.
14. Construct the Project. As noted above, coordination of construction efforts for LCC 2, LCC 3, and Rogers Lake PSs and force main tie-ins is the responsibility of the DB team. Where applicable, traffic impacts shall be handled in accordance with the requirements of the Manual on Uniform Traffic Control Devices (MUTCD) (latest edition).
15. For the proposed 24” force main interconnection and Rogers Lake PS force main tie-ins, coordinate construction activities to minimize impacts on existing operations (e.g., dry weather, night construction, or other approved flow bypass efforts to be provided by the DB team).
16. After the new LCC 2 and Rogers Lake PSs are constructed (including force main interconnection and tie-ins), demolish the existing LCC 2 and LCC 3 superstructures to two (2) feet below grade. All existing remaining substructures shall be filled with pea stone or flowable fill to ensure future settlement is minimized.
17. Provide as-constructed 100% drawings, shop drawings of all installed components, and an O&M Manual. Final O&M Manuals – Provide six (6) hard copies and two (2) electronic copies (thumb drive PDF format).
18. Conduct startup, commissioning, and performance testing.

19. Provide operator training – two (2) days at LCC 2 PS and one (1) day at Rogers Lake PS. The location and timing of the operator training shall be coordinated with DWM Operations.
20. Provide warranty coverage and contact information in accordance with the contract document requirements.

NOTE: The Phase 2 project schedule will include permits, and milestones that match the Work Breakdown Structure the Contractor will be using to manage this Project and will also form the basis for the detailed Schedule of Values for partial payment requests.

III. PROPOSAL FORMAT

Responders are required to submit their proposals in the following format:

A. Cost Proposal

1. The cost proposal must be submitted in a separate, sealed envelope with the responder's name and "Cost Proposal for Request for Proposals No. 23-500640 Design Build Services for Upgrade Lower Crooked Creek No. 2 (LCC 2) Pump Station" on the outside of the envelope.

Cost Proposal shall be submitted with one (1) original stamped "Original" and one (1) electronic copy on an unlocked thumb drive. All copies of the Cost Proposal must be identical.

The separate sealed envelope containing the cost proposal is requested to be included in the sealed package containing the technical proposal.

2. **DO NOT INCLUDE FEES OR COSTS IN ANY AREA OUTSIDE OF THIS COST PROPOSAL.** Including fees in any area outside of the Cost Proposal in its separate, sealed envelope shall result in Responder's proposal being deemed non-responsive.
3. Responders are required to submit their costs on Attachment B, *Cost Proposal Form*. **Responder shall not alter the cost proposal form.**
4. The proposer with the lowest total cost will receive the full points allocated for cost in this RFP. For respondents with second, third, fourth, etc., their total costs will be divided into the lowest cost and multiplied by the full points allocated for cost in this RFP.
5. Proposer's cost that are substantially or unacceptably below other Proposals, the County may (at its sole discretion) declare that Proposal to be nonresponsive or seek additional detailed information from that Proposer concerning the cost basis for its fee and rate proposal prior to rendering a decision on the Proposal's responsiveness.

6. **The Cost Proposal must be submitted in a separate sealed envelope.** Do not include fees or costs in any area outside of this cost proposal.
7. Do not include any assumptions and clarifications within the Cost Proposal. Assumptions and clarification must be listed in the Responder's Technical Proposal.

B. Technical Proposal

DO NOT INCLUDE ANY COSTS OF ANY KIND IN THE TECHNICAL PROPOSAL OR ON THE FLASH DRIVE CONTAINING THE TECHNICAL PROPOSAL.

1. **Submittals** - Technical Proposals must be submitted in a sealed envelope(s) or box(es) with the responder's name and "**Request for Proposals No. 23-500640 Design Build Services for Upgrade Lower Crooked Creek No. 2 (LCC 2) Pump Station**" on the outside of the envelope.

Technical Proposal shall be submitted with one (1) original stamped "Original" and one (1) electronic copy on an unlocked thumb drive. All copies of the Technical Proposal must be identical.

Each Proposer assumes full responsibility for timely delivery of its PROPOSAL at the required location. Any PROPOSAL received after the submittal deadline shall be deemed nonresponsive and returned.

The content requirements set forth in this RFP represent the minimum content requirements for the PROPOSAL. It is the Proposer's responsibility to include information in its PROPOSAL to present all relevant qualifications and other materials. The PROPOSAL, however, should not contain standard marketing or other general materials. It is the Proposer's responsibility to modify such materials so that only directly relevant information is included in the PROPOSAL.

2. **Format** - The Technical Proposal must not exceed a total of 26 single-sided pages or 13 double-sided pages, including Transmittal letter and Attachment B, *Proposal Cover Sheet*, and must be on 8½ x 11-inch paper with 1-inch or greater margins, excluding the index or table of contents, front and back covers, title pages/separation tabs, and appendices. A maximum of three (3) of the total pages may be 11 x 17-inch tri-fold format. Eleven-point font or larger must be used.
3. **Contents** - The Technical Proposal shall be organized as follows:
 - a. Proposal Cover Sheet
 - b. Letter of Transmittal
 - c. Part 1 – Executive Summary
 - d. Part 2 – Design-Builder Profile
 - e. Part 3 – Project Team
 - f. Part 4 – Experience
 - g. Part 5 – Project Approach

- h. Part 6 – Project Schedule
- i. Part 7 – Cost Proposal (submitted in separate sealed envelope)
- j. Appendix A – Required Forms and Acknowledgements
- k. Appendix B – Resumes
- l. Appendix C – Financial Statements
- m. Appendix D – Draft Design-Build Agreement Comments (not required)
- n. Appendix E – Completed Addenda Acknowledgement Form

4. Letter of Transmittal

Letter transmitting the Proposal –The letter must be signed by an authorized principal of the proposing consulting firm or the managing member within a teaming arrangement (partnership or joint venture). At minimum the transmittal should provide the following: address, telephone number, and email address of one (1) individual to whom all correspondence regarding the proposal will be directed. Also, provide a straightforward, complete and concise description of the consultant’s capabilities to satisfy the requirements outlined in this RFP.

Letter must include:

- a. Firm Name
- b. Address
- c. Contact Name
- d. Former Firm Names, Joint Venture Information, Out of State Offices, if applicable
- e. A clear and concise response as to why the County should select your firm for this project.
- f. Statement that, if selected, Proposer shall negotiate in good faith with the County.
- g. Statement acknowledging receipt of each and every Addendum that the County may issue to the RFP.
- h. Statement that the proposal shall remain in effect for and not be withdrawn for one-hundred twenty (120) days after the date due to County.

5. Part 1 – Executive Summary

The Executive Summary must include a concise overview of the key elements of the PROPOSAL and must summarize and refer to information in the PROPOSAL concerning satisfaction of the Minimum Qualification Requirements. The Executive Summary shall not be used to convey additional information not found elsewhere in the PROPOSAL.

6. Part 2 – Design Builder Profile

A detailed and complete description of the company proposed as the Design-Builder must be provided in Part 2 of the PROPOSAL. (The term “company” can refer to either a single entity or a joint venture.) Information concerning Key Personnel and other firms that may be included on the Project Team, such as subconsultants and subcontractors, should be provided in Part 3 of the PROPOSAL. The Design-Builder Profile must include the following information:

a. General

Provide general information about the Design-Builder, such as lines of business and service offerings, locations of home office, office that this Project shall be managed from and other offices, number of employees (professional and non-professional), years in business, and evidence of required licenses.

b. Legal Structure

Identify whether the Design-Builder is organized as a corporation, limited liability company (LLC), general partnership, joint venture, limited partnership, or other form of legal entity. As applicable, identify the owners of the Design-Builder (e.g., shareholders, members, partners, etc.) who hold an interest of ten percent or more.

c. Project Office Location

Identify where the Design-Builder intends to maintain its project office(s) and where most of the design work shall be performed.

d. Financial Condition

In the PROPOSAL Appendix C (Financial Statements), provide satisfactory evidence that Responder has the necessary financial resources to furnish services to perform Project. Responder must provide financial statements (balance sheet, income statement or cash flow statement) for the last three (3) years as evidence that the responder has the financial capacity to perform the scope of work. If the Design - Builder is a joint venture, LLC, or partnership, such financial statements must be provided for each partner or member.

7. Part 3 – Project Team

The composition, organization, and management of the Project Team must be described in two separate subsections.

a. Design-Builder/other firms:

- Identify any other firms (such as subcontractors and subconsultants) included on the Project Team along with the Design-Builder and describe the scope of the Design - Builder's and each firm's services and responsibilities during Phase 1 and Phase 2 of the Project. The firm(s) serving as the Designer and the Builder must be clearly identified.
- Provide Phase 1 and Phase 2 organizational charts showing the reporting relationships and responsibilities of the Design-Builder and any other firms and describe the Design-Builder's approach to the management of such firms.

b. Key Personnel:

- Identify all Key Personnel (and their firm affiliations) on the Project Team and describe their specific responsibilities during Phase 1 and Phase 2 of the Project. Key Personnel identified shall include Project Manager, Design Manager, and Construction Manager at a minimum. D/B team should provide Key Personnel with similar design-build project experience.

- Provide Phase 1 and Phase 2 organizational charts showing the reporting relationships and responsibilities of all Key Personnel (along with their firm affiliations) and describe the Design-Builder's approach to the management of such Key Personnel.
- Indicate the commitment of all Key Personnel in terms of an estimated percentage of time during each phase of the Project.
- Provide resumes for all Key Personnel in PROPOSAL Appendix B (Resumes). Resumes must be limited to two (2) pages per individual and include:
 - Academic and professional qualifications
 - Professional registration and Licenses (as applicable)
 - Experience as it relates to the Project and to the individual's specified role on the Project
- Each responsive PROPOSAL shall be reviewed to determine whether it meets the Minimum Qualification Requirements outlined in this subsection.

Material adverse condition. Engineer must not be subject to a material adverse condition, such as pending litigation, insufficient liquidity, weak operating net income or cash flow, or excessive leverage, that gives rise to reasonable doubt concerning its ability to continue to operate as an ongoing concern, to provide insurance, or to maintain sufficient financial strength to undertake and successfully complete the Project and to mitigate/absorb Project risks.

Licensing and registration. Engineer and each of its subconsultant and subcontractor firms must be licensed in the State of Georgia for the type of work to be performed by each firm. Engineer must include in responsible charge an Engineer licensed in the State of Georgia. Contractor shall hold General Contractor License and Utility Contractors License.

Design experience. Within the past ten (10) years, Engineer must have successfully completed the design of at least three (3) sewer pump stations and three (3) gravity and/or force main sewer pipeline projects for municipal clients in the United States.

Any change in the firms or Key Personnel included in the PROPOSAL would require County approval.

8. **Part 4 – Project Experience**

The PROPOSAL must describe the performance history and experience of the Project Team on similar projects and provide information concerning safety.

a. **Staff Experience:**

Project Manager: Within the past ten (10) years, the Project Manager must have successfully completed at least three (3) design projects in a managerial role. Project Manager's reference projects that are similar in size, scope and complexity as defined in Attachment A (Scope of Work).

Design Manager: Within the past ten (10) years, the Design Manager must have successfully completed at least three (3) design projects in a managerial role. Project Manager's reference projects that are similar in size, scope and complexity as defined in Attachment A (Scope of Work).

Construction Manager: Construction Manager shall be an employee of the construction firm and must have successfully completed three (3) projects that are similar in size, scope and complexity as defined in Attachment A (Scope of Work).

b. **Reference Projects:**

The Proposer shall submit descriptions of reference projects to demonstrate relevant experience. Each project description shall contain at least the following information:

- Name of County
- County reference and contact information
- Role of Proposer
- Contract value
- Change Order Value (if any)
- Year started and year completed, as compared to planned year started and planned year completed
- Description of the project showing relevance to this Project
- Firms and Key Personnel that participated in project and are included in this PROPOSAL, along with a clear description of the project role and responsibility of each

In addition, a one-page summary table should be provided to cross-reference the Project Team (firms and Key Personnel) with participation in the reference projects.

9. **Part 5 - Project Approach**

Provide a Project-specific description of how the firm proposes to approach this Project. Include sufficient discussion of proposed value engineering, methodologies, techniques, and procedures for each work item. Provide a breakdown and description of tasks assigned to Project team members. Include obstacles and methods for overcoming these obstacles.

The Technical Approach must provide detailed descriptions and initial drawings (used to generate the included proposed bid for this Project) of all work proposed, as required by this RFP. The level of effort should be sufficient to convey the proposed LCC 2 pumping facility, equipment layouts, coordination of the existing LCC 2 site and all other elements of the Project components such that the County can fully evaluate the proposed facility design reflected in the GMP.

It is required that minimum **thirty percent (30%)** of the Work performed under this contract for the Project be self-performed by the prime company. The following subsections describe in more detail the intent of this section.

a. Design-Build Management Plan:

The Design-Build (DB) Firm must provide an overall plan on how it will manage the entire implementation of the Project. The Management Plan should address how the DB Firm will interact with, resolve issues, and coordinate the work with the many stakeholders involved in the Project. At a minimum, the Management Plan should include the following:

Provide a conceptual description, of the Design-Builder's approach for managing and performing its services during the Project. The following items should be addressed:

- Discuss how a collaborative relationship with the County would be established during design development, scheduling, and cost estimating.
- Discuss how the design and construction processes will interface (including how constructability issues will be addressed).
- Identify the work components critical to the Project's success and how these components would be achieved.
- Describe the process for developing the cost proposals for any additions or deductions that may occur during the design
- Discuss how key risk factors will be identified and mitigated.
- Project-specific safety plan.
- Project-specific quality plan.
- Project-specific detailed schedule, including Phase 1 and Phase 2 activities.

b. Design-Build Plan:

The DB Firm must clearly describe the specifics of the Project. All major components of the Project must be described, including the key process steps and other support steps, buildings, and areas. The following subsections outline the technical elements that must be included to demonstrate compliance with the performance guarantees and minimum design requirements set forth in Exhibit 8 (Project Technical Requirements).

The plan should include at a minimum the following:

- Initial Drawings of Conceptual Proposed Design(s) and/or Improvements:
 - The initial design drawings used by the proposing DB Project Team included in this PROPOSAL serve as an overview of the technical design proposed for the Project and will become a part of the Appendices to the DB Services Agreement. The DB Firm may include additional drawings or propose alternatives to the outlined project requirements in the RFP. **The DB Firm must clearly label and illustrate the specifics of their proposed modifications and/or improvements to the provided project requirements in sufficient detail to be understood by the County.**

- **Design-Build Narrative:**
 - The Design-Build Narrative Section should address, at a minimum, the reasoning and approach to determining the design alternative(s). Indicate the minimum areas to be addressed within the Design-Build Narrative section.
 - Sufficient technical information (drawings, technical summaries and/or additional documents as needed) must be provided for the County to review and understand the design being provided.
 - Pumping equipment selection.
 - Structural improvements and/or design.
 - Power supply and electrical equipment.
 - Instrumentation and controls.
 - Reliability and redundancy.
 - Architecture, aesthetics, and landscaping.
 - Operational coordination and facility startup.
- c. **Licenses, Permits, and Approvals**

The DB Firm must describe the approach to obtaining each license, permit, approval, or other Governmental Approval needed to design and construct the Project. The DB Firm's PROPOSAL must indicate where coordination or assistance from the County in obtaining such licenses, permits and approvals is required. The DB Firm's PROPOSAL must identify the name of the applicable license, permit, or approval, the estimated time required to obtain, and any other parties that must assist in obtaining the licenses, permits and approvals. The DB Firm's PROPOSAL must identify any permits listed in this RFP that the DB Firm believes are not required and must identify any permits not listed in this RFP that may be required due to the specific nature of the Project.

10. Part 6 - Project Schedule

Provide a proposed time schedule that includes the completion of key tasks (BODR, 30% design, 60% design, and GMP) and the method to assure that the time schedule shall be met. The design and construction are to be performed concurrently. Contract time for completion of Phase 1 services shall be completed within 243 days (8 months) after Notice to Proceed. Contract time for completion of Phase 2 services shall be completed within 1,095 days (36 months) after DWM acceptance of Phase 1 deliverables (60% contract documents and the associated GMP for the remainder of the Project) for a total duration of 1,338 days (44 months) excluding DWM review and approval of Phase 1 design and GMP. A Phase 2 project schedule will include permits and milestones that match the Work Breakdown Structure the Contractor will be using to manage this Project.

11. Appendices – Required Forms and Documents

- a. **Appendix A – Required Forms, Documents, Exceptions/Assumptions, and Acknowledgements**

- b. Appendix B – Resumes (limited to two pages per individual)
- c. Copies of firms’ engineering and surveying licenses (State of Georgia required) shall be provided at the end of the proposal (does not count towards page limit).

C. DeKalb First Ordinance

1. It is the objective of the Chief Executive Officer and Board of Commissioners of DeKalb County to provide maximum practicable opportunity for all businesses to participate in the performance of government contracts. The current DeKalb County List of Certified Vendors may be found on the County website at <http://www.dekalbcountyga.gov/purchasing/>.
2. It is required that all responding Responders attend the mandatory LSBE meeting within three-weeks of the solicitation’s advertisement, and comply, complete and submit all LSBE forms with the Responder’s response to remain responsive. Attendance can be in person, via video conference and teleconference. Video conferencing is available through Skype/Lync. Instructions for attendance via video conference can be found on the County’s website at <https://www.dekalbcountyga.gov/purchasing-contracting/dekalb-first-lsbe-program>.
3. For further details regarding the DeKalb First Local Small Business Enterprise Ordinance, contact the LSBE Program representative, at DeKalbFirstLSBE@dekalbcountyga.gov.

CI. Federal Work Authorization Program Contractor and Subcontractor Evidence of Compliance

All qualifying contractors and subcontractors performing work with DeKalb County, Georgia must register and participate in the federal work authorization program to verify the work eligibility information of new employees. Successful responder(s) shall be required to register and participate in the federal work authorization program. It is mandatory that Attachment E, *Responder Affidavit of Compliance with O.C.G.A. § 13-10-91* and Attachment F, *Sub-Responder Affidavit of Compliance with O.C.G.A. § 13-10-91* be completed and submitted to the County after award.

IV. CRITERIA FOR EVALUATION

The following evaluation criteria and the maximum points stated below will be used as the basis for the evaluation of proposals.

- | | |
|---|-------------------------|
| A. Project Approach | (30 points) |
| B. Project Schedule | (15 points) |
| C. Experience and Capabilities | |
| ○ Design-Builder/subcontractor/other firms | (20 points) |
| ○ Key Personnel | (15 points) |
| D. Cost | (10 points) |
| E. Local Small Business Enterprise Participation | (10 points LSBE-DeKalb) |

(5 Points LSBE-MSA)
(2 Points Goof Faith Efforts)
(10 points) *Optional*

D. Oral Interviews (if granted)

V. CONTRACT ADMINISTRATION

A. Standard County Contract

The attached sample contract is the County's standard contract document (see Attachment L), which specifically outlines the contractual responsibilities. All responders should thoroughly review the document prior to submitting a proposal. Any proposed revisions to the terms or language of this document must be submitted in writing with the responder's response to the request for proposals. Since proposed revisions may result in a proposal being rejected if the revisions are unacceptable to the County, responders should review any proposed revisions with an officer of the firm having authority to execute the contract. No alterations can be made in the contract after award by the Board of Commissioners.

B. Submittal Instructions

One (1) original Technical Proposal stamped "Original" and one (1) unlocked flash drive containing an identical copy of the Technical Proposal (do not include the Cost Proposal on the flash drive); and one (1) original Cost Proposal (see Section III.A. for additional instructions regarding submittal of Cost Proposal) must be submitted to the following address no later than 3:00 p.m. on April 12, 2023:

DeKalb County Department of Purchasing and Contracting
The Maloof Center, 2nd Floor
1300 Commerce Drive
Decatur, Georgia 30030

Proposals must be clearly identified on the outside of the packaging with the responder's name and "Request for Proposals No. 23-500640 Design Build Services Upgrade Lower Crooked Creek No. 2 (LCC 2) Pump Station" on the outside of the envelope(s) or box(es).

It is the responsibility of each Responder to ensure that its submission is received by 3:00 p.m. on the proposal due date. The time/date stamp clock located in the Department of Purchasing & Contracting shall serve as the official authority to determine lateness of any response. The RFP opening time shall be strictly observed. Be aware that visitors to our offices will go through a security screening process upon entering the building. Responders should plan enough time to ensure that they will be able to deliver their submission prior to our deadline. Late submissions, for whatever reason, will not be evaluated. Responders should plan their deliveries accordingly. Telephone or fax bids will not be accepted.

C. Mandatory Pre-Proposal Conference

A pre-proposal conference will be held at 10:00 AM on the 27th day of February 2023 via

Zoom video conference. Interested responders are **required** to attend and participate in the pre-proposal conference. For information regarding the pre-proposal conference and site visit, please contact Willie Moon at (404) 371-7021 or wmoon@dekalbcountyga.gov.

D. Questions

All questions concerning the Project and requests for interpretation of the solicitation may be asked and answered at the pre-proposal conference; however, oral answers are not authoritative. Questions must be submitted to Willie Moon, via email to wmoon@dekalbcountyga.gov, no later than close of business on March 15, 2023. Questions and requests for interpretation received by the Department of Purchasing and Contracting after this date will not receive a response or be the subject of addenda.

E. Acknowledgment of Addenda

Addenda may be issued in response to changes in the RFP. It is the responsibility of the responder to ensure awareness of all addenda issued for this solicitation. Please acknowledge the addenda and submit to the Department of Purchasing and Contracting as requested. Responder may call Willie Moon at (404) 371-7021 or send an email to wmoon@dekalbcountyga.gov to verify the number of addenda prior to submission. Addenda issued for this project may be found on DeKalb County's website, www.dekalbcountyga.gov/formalbids.

F. Proposal Duration

Proposals submitted in response to this RFP must be valid for a period of One Hundred Twenty (120) days from proposal submission deadline and must be so marked.

G. Project Director/Contract Manager

The County will designate a Project Director/Contract Manager to coordinate this project for the County. The successful responder will perform all work required pursuant to the contract under the direction of and subject to the approval of the designated Project Director/Contract Manager. All issues including, payment issues, shall be submitted to the Project Director/Contract Manager for resolution.

H. Expenses of Preparing Responses to this RFP

The County accepts no responsibility for any expenses incurred by the responders to this RFP. Such expenses are to be borne exclusively by the responders.

I. Georgia Open Records Act

Without regard to any designation made by the person or entity making a submission, DeKalb County considers all information submitted in response to this invitation or request to be a public record that will be disclosed upon request pursuant to the Georgia Open Records Act, O.C.G.A. §50-18-70 et seq., without consulting or contacting the person or entity making the

submission, unless a court order is presented with the submission. You may wish to consult an attorney or obtain legal advice prior to making a submission.

J. First Source Jobs Ordinance

First Source Jobs Information

The First Source Ordinance is a public regulation which requires contractors and beneficiaries of eligible DeKalb County projects to make a good faith effort to hire fifty (50) percent of all jobs using the First Source Registry. Beneficiaries are immediate recipients of county grants or community development block funds administered by the county of at least \$50,000. Contractors include an individual or entity entering into any type of agreement with the county, funded in whole or in part with county funds. WorkSource DeKalb (WSD) maintains the First Source Registry, comprised of qualified and trained DeKalb County residents. Business Solutions Unit (BSU) is available to assist the employer with selecting the most qualified candidate by using the First Source Registry to meet the company's hiring needs. WSD manages the First Source program through the Business Solutions Unit by assigning a specific BSU Specialist. The First Source process is conducted similarly to the BSU business service request process. The BSU Specialist works closely with employers using TALEO and BSU processes to ensure the hiring needs of the employers are met.

For more information on the First Source Jobs Ordinance requirement, please contact WorkSource DeKalb at www.dekalbworksource.org or 404-687-3900.

K. Business and Professional Licenses

Responder shall submit a copy of its current, valid business license with its proposal or upon award. If the responder is a Georgia corporation, responder shall submit a valid county or city business license. If the responder is not a Georgia corporation, responder shall submit a certificate of authority to transact business in the state of Georgia and a copy of its valid business license issued by its home jurisdiction. If responder holds a professional certification or license issued by the state of Georgia, then responder shall submit a copy of its valid professional certification or license. Any license submitted in response to this requirement shall be maintained by the responder for the duration of the contract.

L. Utility Systems Contractor's License and Utility Manager's Certificate

As required by O.C.G.A. § 43-14-8, et seq., a Proposer responding to this Request For Proposal must provide a copy of its or its subcontractor's Georgia Utility Systems Contractor's License and Utility Manager's Certificate with its Proposal. All licenses and certificates must be issued in the name of the person or entity that will perform the utility work. If a subcontractor's Georgia Utility Systems Contractor's License is submitted with the Proposal, the subcontractor must be listed as such on the appropriate Bid Bond Acknowledgement Form. All licenses and certificates must be current, valid, and issued in compliance with applicable law. Failure to provide this license and necessary certificates in this format will result in the proposed Proposal being deemed non-responsive.

M. Ethics Rules

Bidders are subject to the Ethics provision within the DeKalb County Purchasing Policy; the Organizational Act, Section 22A, the Code of DeKalb County; and the rules of Executive Order 2014-4. Any violations will be addressed, pursuant to these policies and rules.

To the extent that the Organizational Act, Section 22A, the Code of DeKalb County, and the rules of Executive Order 2014-4 allow a gift, meal, travel expense, ticket, or anything else of value to be purchased for a CEO employee by a contractor doing business with the County, the contractor must provide written disclosure, quarterly, of the exact nature and value of the purchase to the Chief Integrity Officer, if created, or the Finance Director or his/her designee. Every contractor conducting business with the County will receive a copy of these ethical rules at the time of execution of the contract.

N. Right to Audit

The County shall have the right to audit all books and records, including electronic records, relating or pertaining to this contract or agreement, including but not limited to all financial and performance related records, property, and equipment purchased in whole or in part with County funds and any documents or materials which support those records, kept under the control of the Contractor, including but not limited to those kept by the Contractor's employees, agents, assigns, successors and subcontractors. The County also has the right to communicate with Contractor's employees related to the audited records.

The Contractor shall maintain such books and records, together with such supporting or underlying documents and materials, for the duration of this contract and for seven (7) years after termination or expiration, including any and all renewals thereof. The books and records, together with supporting documents and materials shall be made available, upon request to the County or its designee, during normal business hours at the Contractor's office or place of business. In the event that no such location is available, then the books, records, and supporting documents shall be made available for audit at a time and location which is convenient for the County.

O. Owner Controlled Insurance Program (OCIP)

The County shall have the right to audit all books and records, including electronic records, relating or pertaining to this contract or agreement, including but not limited to all financial and performance related records, property, and equipment purchased in whole or in part with County funds and any documents or materials which support those records, kept under the control of the Contractor, including but not limited to those kept by the Contractor's employees, agents, assigns, successors and subcontractors. The County also has the right to communicate with Contractor's employees related to the audited records.

The Contractor shall maintain such books and records, together with such supporting or underlying documents and materials, for the duration of this contract and for seven (7) years after termination or expiration, including any and all renewals thereof. The books and records, together with supporting documents and materials shall be made available, upon request to the County or its designee, during normal business hours at the Contractor's office or place of business. In the event that no such location is available, then the books, records, and supporting

documents shall be made available for audit at a time and location which is convenient for the County.

P. Valid Insurance, Bonds, Permits and Certificates

Proposers shall ensure that any proposal bond, payment bond, performance bond, insurance, license, permit, or certificate submitted in response to this Request for Proposal or as part of the Contract for this Project shall be current and valid when submitted, and shall remain valid, current and maintained in good standing for the Contract Term.

- Proposal Guarantee to Accompany Proposal - Each Proposal must be accompanied by a Proposal Guarantee in an amount of not less than ten percent (10%) of the amount of the Proposal. The Proposal Guarantee may be in the form of an official bank check payable to DeKalb County, or a Proposal Bond in the form provided in the Proposal Document Package. The Proposal Bond shall be issued by a surety company licensed to write bonds in the State of Georgia, listed in the most current U.S. Treasury Circular No. 570, and have a current A.M. Best rating of "A" (Excellent) with a Financial Size Category of XII or better.
- Insurance – Contractor shall, without expense to the County, provide certificates of insurance, and copies of signed insurance policies including declarations pages from companies that are authorized to engage in the insurance business in the state of Georgia and are otherwise acceptable to the County Finance Director or his/her designee, before award. Such insurance shall be placed with admitted insurers that maintain an A.M. Best's rating of not less than A (Excellent) with a Financial Size Category of VII or better with coverage forms acceptable to Contractor. The insurance described below shall be maintained uninterrupted for the duration of the project, including any warranty periods, and shall protect Contractor, and others as required by contract, for liabilities in connection with work performed by or on behalf of Contractor, its agents, representatives, employees or Contractors.
 - *Workers Compensation Insurance.* Statutory workers compensation insurance is to be provided in compliance with the requirements of Georgia law with limits not less than the following:

Employer's liability insurance by accident, each accident \$1,000,000
Employer's liability insurance by disease, policy limit \$1,000,000
Employer's liability insurance by disease, each employee \$1,000,000
 - *Commercial General Liability Insurance.* Commercial general liability insurance is to be provided with limits not less than the following:

\$1,000,000 per occurrence for bodily injury and property damage liability
\$1,000,000 personal and advertising injury liability
\$2,000,000 general aggregate

\$2,000,000 products-completed operations aggregate
\$ 100,000 damage to rented premises (each occurrence)
\$ 5,000 medical expense (any one person)

- Umbrella or Excess Insurance. Umbrella or excess insurance is to be provided with General Liability, Auto Liability and Employers Liability scheduled as underlying policies with limits not less than the following:

\$5,000,000 per occurrence
\$5,000,000 aggregate

- *Comprehensive Automobile Liability Insurance.* Comprehensive automobile liability insurance with form coverage is to be provided for all owned, non-owned and hired vehicles with combined single limit of \$1,000,000. Automobile liability insurance shall be written on ISO Business Auto Coverage Form CA 0001 (1990 edition or later), or a substitute form providing equivalent coverage, and shall cover liability for bodily injury and property damage arising from the use or operation of any automobile, including those owned, hired or otherwise operated or used by or on behalf of Contractor. The policy must include Broadened Pollution Liability Endorsement CA9948 12 93.

Q. Builder's Risk Insurance Coverage

DeKalb County shall procure and maintain Builders Risk Insurance on the entire work which provides "All-risk" form that shall at least include insurance for physical loss or damage to the Work, temporary buildings, falsework, and materials and equipment in transit, and shall insure against at least the following perils or causes of loss: fire, lightning, extended coverage, theft, vandalism, malicious mischief, earthquake, collapse, debris removal, demolition occasioned by enforcement of Laws and Regulations, water damage (other than caused by flood), and such other perils or causes of loss as may be specifically required by Supplementary Conditions) until Final Completion and Acceptance of the Project. Such policy of insurance shall contain at least the following sub-limits of insurance and deductibles:

Sub-limits:	
Property in Transit	\$1,000,000
Property in Offsite Storage	\$1,000,000
Plans & Blueprints	\$25,000
Debris Removal	25% of Insured Physical Loss
Delay in Completion / Soft Cost	TBD
Ordinance of Law (Increased Cost of Construction)	\$1,000,000
Flood and Earthquake	TBD – Full Contract Value
Deductibles:	
Flood and Earthquake	\$25,000
Water Damage other than Flood	\$100,000

All other Perils

\$10,000

R. DeKalb County, Georgia's Title VI Policy Statement

DeKalb County, Georgia is committed to compliance with Title VI of the Civil Rights Act of 1964 and all related regulations and directives. DeKalb County assures that no person shall on the grounds of race, color, sex, or national origin, as provided by Title VI of the Civil Rights Act of 1964, the Federal-Aid Highway Transportation Act of 1973, and the Civil Rights Restoration Act of 1987 be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity. DeKalb County further assures that no person shall on the grounds of age, low income, disability, sexual orientation or gender identity be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity.

DeKalb County assures every effort will be made to ensure nondiscrimination in all of its programs and activities, whether those programs and activities are federally funded or not. In addition, DeKalb County will take reasonable steps to provide meaningful access to services for persons with Limited English Proficiency (LEP).

S. Cooperative Agreement

The County through the Department of Purchasing and Contracting may permit piggybacks to this contract from other city, county, local authority, agency, or board of education if the vendor will extend the same prices, terms, and conditions to the city. Piggybacking shall only be available where competition was used to secure the contract and only for a period of 12-months following entry, renewal or extension of the contract. This provision shall not apply to any contract where otherwise prohibited or mandated by state law.

T. Funding

Funding for this contract may be provided under the Water Infrastructure Finance and Innovation Act (WIFIA) and performance of the contract, in whole or part, may be contingent and subject to availability of such funding under WIFIA to DeKalb County, Georgia. Proposers should become familiar with all laws, ordinances, rules, and regulations applicable to the execution and performance of the contract subject to WIFIA.

U. Price Escalation and Reductions

1. Price Escalations

- a. During the life of the contract, the bidder/Contractor shall furnish price lists to the County for increases, and those of the bidder's/Contractor's subcontractor/supplier (e.g., factory) increases, as prices change.
- b. The bidder/Contractor must also provide a list of the subcontractors/supplier's (e.g., factory's) previous price(s) to the County for purposes of comparison.
- c. Price changes will be in effect only after receipt and approval by the Director of the Department of Purchasing and Contracting.

- d. Price lists and changes thereto are to be furnished under the contract and without charge to the County. Catalogue(s) or Price List(s) must be submitted to the Department of Purchasing and Contracting, Maloof Administration Building, 1300 Commerce Drive, 2nd Floor, Decatur, Georgia 30030.
- e. Contractor certifies, the prices in this contract have been arrived at independently, without consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor.

2. Price Reduction

- a. If at any time after the date of award, the Contractor makes a general price reduction in the comparable price of any article or service covered by the contract to customers generally, an equivalent price reduction based on similar quantities and/or considerations shall apply to the contract for the duration of the contract period (or until the price is further reduced). Such price reduction shall be effective at the same time and in the same manner as the reduction in the price to customers generally. For purposes of this paragraph, a general price reduction shall mean any reduction in the price of an article or service offered:
 - to Contractor's customers.
 - in the Contractor's price schedule for the class of customers; i.e., wholesalers, jobbers, retailers, etc., which was used as the basis for bidding on this contract.
- b. The Contractor shall invoice the County at such reduced price indicating on the invoice that the reduction is pursuant to Price Escalations and Reductions, paragraph X. as stated within the Design And Construction Agreement Between Owner And Design/Builder.

VI. AWARD OF CONTRACT

An evaluation committee will review and rate all proposals and shall determine if interviews are necessary.

If interviews are conducted, firms will be scheduled for an oral presentation to the evaluation committee, not to exceed one hour's duration, to respond to questions from the evaluation committee relevant to the firm's proposal.

The evaluation committee will make its recommendation for award to the DeKalb County Board of Commissioners, who will make the final decision as to award of contract.

THE COUNTY RESERVES THE RIGHT TO REJECT ANY AND ALL PROPOSALS, TO WAIVE INFORMALITIES, AND TO RE-ADVERTISE.

VII. ATTACHMENTS

Attachment A:	Scope of Work
Attachment B:	Cost Proposal
Attachment C:	Proposal Cover Sheet
Attachment D:	Contractor Reference and Release Form
Attachment E:	Responder Affidavit of Compliance with O.C.G.A. § 13-10-91
Attachment F:	Sub-Contractor Affidavit of Compliance with O.C.G.A. § 13-10-91
Attachment G:	Dekalb First Local Small Business Enterprise LSBE Information Ordinance with Exhibits 1 – 2 and Mentor Protégé Form
Attachment H:	First Source Jobs Ordinance Information (with Exhibits 1 – 4)
Attachment I:	Certificate of Corporate Responder, Certificate of Authority – Joint Venture
Attachment J:	Affidavit and Oath of Successful Responder
Attachment K:	Proposal Bond
Attachment L:	Sample County Contract
Exhibit 1:	Existing Lower Crooked Creek No. 2
Exhibit 2:	Overall Basis of Design (BOD) review
Exhibit 3:	Lower Crooked Creek 2 - Two Stage Pumping System
Exhibit 4:	Lower Crooked Creek 2 - Transient Technical Memorandum
Exhibit 5:	Lower Crooked Creek 3 – Force Main Drawings
Exhibit 6:	Pump Station AsBuilts
Exhibit 7:	Project Maps
Exhibit 8:	Project Technical Requirements
Exhibit 9:	Project Permitting Requirements
Exhibit 10:	Technical Guide Specifications

Sincerely,

Willie Moon
Procurement Agent, Senior - CIP
Department of Purchasing and Contracting

ATTACHMENT A

SCOPE OF WORK

The DeKalb County Department of Watershed Management is soliciting proposals from qualified firms for Design-Build services for the design, construction, and commissioning of the Design-Build Services for Upgrade Lower Crooked Creek No. 2 Pump Station Project. The Project site for the existing and proposed Lower Crooked Creek No. 2 Pump Station is located at 1485 Rock Chapel Road, Lithonia, GA 30058.

It is anticipated that the Design-Builder shall provide the County with the following integrated Design-Build services:

A. Project Management (Phases 1 and 2)

1. Provide Project planning and control.
2. Obtain Project-related permits.
3. Provide internal Project communications and assist the County with external communications, such as press releases.
4. Develop a design and construction quality control program.
5. Develop a construction safety program.

B. Design

1. Lower Crooked Creek No. 2 Pump Station Improvements
 - a. Design and develop construction documents for the Lower Crooked Creek No. 2 Pump Station Improvements and ancillary facilities and appurtenances utilizing the anticipated flows outlined in Exhibit 2 Overall BOD Review.

Note – Phase 1 services run through the completion of 60% Contract Documents for approval by DWM. Phase 2 services include the necessary engineering to assist the Contractor during construction and to provide 100% Contract Documents that also reflect all “as-constructed” elements incorporated by the Contractor.

- b. Improvements shall include but not be limited to:
 - 1) New pump station dry pit and wet well.
 - 2) New Electrical room with new HVAC system.
 - 3) Odor control system and facilities.
 - 4) Screenings collection and disposal facilities (climber type screen preferred by DWM with option for washer/compactor system).
 - 5) Standby power facilities.
 - 6) Material and equipment handling facilities (overhead crane system for pumps, valves etc.).
 - 7) Instrumentation equipment normally included as part of a modern facility of this type.
 - 8) Communication systems that can link the existing DWM SCADA facilities.

- 9) Bypass pumping as required for final switchover from the existing LCC 2 PS to the proposed new LCC 2 PS facility.
 - 10) New facility shall include a small restroom.
 - 11) Existing LCC 2 pump station shall be demolished after the new LCC 2 pump station is operational (also noted elsewhere in this RFP).
- c. Support the County design review process (Phase 1).
 - d. Implement the design quality control program (Phases 1 and 2).
 - e. Geotechnical, surveying, and utility locating services, if necessary (Phase 1).
 - f. Obtain permits necessary for construction (identify permits in Phase 1 and obtain in Phase 2).

2. Lower Crooked Creek No. 2 PS and No. 3 PS FM Interconnection

- a. Engineering, design, and construction of the force main interconnection (upon completion and acceptance testing of the new proposed Lower Crooked Creek PS 2) Phase 1 includes effort up to the DWM acceptance of the 60% contract documents, and the remainder of efforts will be during Phase 2.
- b. Support the County during the engineering process (Phase 1).
- c. Provide a local connection point for a future regional pump station (development planned but not built in some time now)
- d. Implement the engineering/design quality control program (Phase 1).
- e. Geotechnical, surveying, and utility locating services, if necessary (Phase 1).
- f. Assess the required temporary and permanent easements, provide the plats and legal description during the 60% design Phase 1. DWM will obtain the required temporary and permanent easements during Phase 2 prior to commencing construction.
- g. Obtain permits necessary for construction (Phase 2).
- h. The D/B team should assess the existing force mains from LCC 2 to LCC 3 and from LCC 3 to the existing discharge point prior to the construction of the force main interconnection and provide recommendations for any force main repairs (to be covered in construction contingency).

3. Demolish existing LCC 3 PS and replace existing Rogers Lake PS

- a. Engineering Services to provide a replacement for the existing Rogers Lake PS and the demolition of the existing LCC 3 PS. The work shall include but not be limited to:
 - 1) Complete an evaluation and design for the replacement of the existing Rogers Lake PS (new pump station or potentially reuse the structure of the existing facility). DWM prefers the connection from the upgraded facility be extended as a manifolded connection to the 24" force main (FM). Phase 1 includes effort up to the DWM acceptance of the 60% contract documents and the remainder of efforts will be during Phase 2.
 - 2) Perform confirmation of existing gravity sewer (on-site at LCC 3) –

notably that there is no sanitary flow (not customers per DWM but the D/B team needs to confirm. Design “future” manifolded connection with isolation valve and cap (for future local pump station) such that no existing pipe requires tapping for future connection.

- 3) Demolish existing LCC 3 and LCC 2 PSs to three (3) feet below proposed grades. Properly dispose of demolished construction debris, materials, and removed equipment (Phase 2).
- 4) Assess existing Rogers Lake FM for ability to reuse for the new Rogers Lake pump station and design manifolded connection into the 24” force main at LCC 3 (Phase 1).
- 5) Geotechnical, surveying, and utility locating services, if necessary (Phase 1).
- 6) Assess the required temporary and permanent easements, provide the plats and legal description during the 60% design Phase 1. DWM will obtain the required temporary and permanent easements during Phase 2 prior to commencing construction.

C. Construction (Phase 2)

1. Build improvements as described by the Design-Build Contract and approved by the County during the Design phase.
2. Comply with all County and industry construction standards and best practices.
3. Comply with all environmental mitigation requirements.
4. Implement the construction quality control program.
5. Implement the construction safety program.

D. Startup, Acceptance, Commissioning & Training (Phase 2)

1. Demonstrate performance and complete facility acceptance tests after the installation of all equipment has been completed including manufacturers’ installation certification. The two-stage pumping system at the new LCC 2 facility will require additional functional (shakedown) testing along with a 7-day acceptance test to ensure the mechanical, electrical, instrumentation and SCADA facilities are all operational and working properly.
2. Provide training to County operations staff; training can be done during the acceptance testing period if all systems are properly running. Note, the advanced controls and PLC ladder logic will require detailed discussion and training for DWM operational staff. A separate thumb drive with PLC programming shall be provided to DWM by the Contractor.
3. Any modifications made to the facility during the Contractor’s final commissioning must be included in the final Operation and Maintenance (O&M) Manuals and Record (As-Constructed) Drawings.
4. Final O&M Manuals shall include copies of all manufacturers’ on-site installation checks/operational validation, contact details of all suppliers of equipment, wiring diagrams, PLC ladder logic (digitally on thumb drive), spare parts list (per manufacturers’ written recommendations), maintenance, disassembly, and re-assembly of equipment. Six (6) complete hard copies and two (2) electronic copies

will be provided.

5. After the successful completion of the acceptance testing, the facility will become the responsibility of the Owner for operation.
6. All keys and special tools shall be provided in duplicate and provided to DWM.
7. Provide two (2) year warrantee on equipment and completed work.
8. It will be the Design-Builder's sole responsibility to prove the performance of the facility and all related components/equipment. Submission of the final O&M Manuals and Record Drawings after acceptance testing is completed will constitute **Substantial Completion**.

List of Minimum Regulatory Standards

Engineer must comply with all Local, State and Federal Regulations including, but not limited to, the following Specifications and Standards:

Item	Title	Edition
1	Department of Watershed Management Design Standards, Potable Water Main, Gravity Sanitary Sewer, and Sanitary Sewer and Force Main Design Standards	Latest Edition
2	Technical Guide Specifications	Latest Edition
3	The Georgia Manual for Erosion and Sedimentation Control	Latest Edition
4	Federal Highway Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD)	Latest Edition
5	ASTM International Standards formerly known as American Society for Testing and Materials (ASTM)	Latest Edition
6	American Water Works Association (AWWA)	Latest Edition
7	The American Association of State Highway and Transportation Officials (hereinafter AASHTO)	Latest Edition
8	National Sanitation Foundation (NSF)	Latest Edition
9	American Concrete Institute (ACI)	Latest Edition
10	29 Code of Federal Regulations (CFR) 1910	Latest Edition
11	29 Code of Federal Regulation 1926	Latest Edition
12	American National Standards Institute (ANSI)	Latest Edition
13	Codes adopted and enforced by DeKalb County	Latest Edition

Item	Title	Edition
14	Georgia Environmental Finance Authority (GEFA)	Latest Edition
15	Water Infrastructure Finance and Innovation Act (EPA) WIFIA	Latest Edition

END OF ATTACHMENT A

ATTACHMENT B

COST PROPOSAL FORM
(consisting of 2 pages)

**DESIGN BUILD SERVICES FOR UPGRADE LOWER CROOKED CREEK
NO. 2 (LCC 2) PUMP STATION**

Responder: Please complete the attached pages of the Cost Proposal Form and return them with this cover page. The cost proposal must be submitted in a separate, sealed envelope or responder will be deemed non-responsive and will not be considered for award. The Responder's name and "Cost Proposal for the Request for Proposals 23-500640 Design Build Services Upgrade Lower Crooked Creek No. 2 (LCC 2) Pump Station" must be clearly identified on the outside of the envelope.

Note 1: In all cases, if there is a discrepancy between the responder's quoted unit price and the extended price, the unit price will govern, unless otherwise specified in the solicitation.

Note 2: Unbalanced bids will not be tolerated by the County and could result in the responder being deemed non-responsive. It is at the County's determination and discretion as to whether the bid is deemed unbalanced.

By signing this page, Responder acknowledges that he has carefully examined and fully understands the Contract, Scope of Work, and other attached documents, and hereby agrees that if his proposal is accepted, he will contract with DeKalb County according to the Request for Proposal documents.

Please provide the following information:

Name of Firm: _____

Address: _____

Contact Person Submitting Proposal: _____

Title of Contact Person: _____

Telephone Number: _____

E-mail Address: _____

Signature of Authorized Signer

Title of Authorized Signer

ATTACHMENT B-1

COST PROPOSAL FORM

DESIGN BUILD SERVICES

for

UPGRADE LOWER CROOKED CREEK NO. 2 (LCC 2) PUMP STATION

DeKalb County,
Georgia Department of Watershed Management
180 Sams Street, Suite B3200
Decatur, Georgia 30030

Attachment B-1, Cost Proposal Form is included as a separate document at the below link

<https://sftp.dekalbcountyga.gov/f/94f8b5eb525b194e>

Note: Attachment B and B-1 are required documents for submittal with the bid.

END OF ATTACHMENT B

ATTACHMENT C

PROPOSAL COVER SHEET

NOTE: Read all instructions, conditions and specifications in detail before completing this Request for Proposal.

Please complete and include this cover sheet with your technical proposal.

Company Name		Federal Tax ID#	
Complete Primary Address	County	City	Zip Code
Mailing Address (if different)	City	State	Zip Code
Contact Person Name and Title	Telephone Number (include area code)		
Email Address	Fax Number (include area code)		
Company Website Address	Type of Organization (check one) <input type="checkbox"/> Corporation <input type="checkbox"/> Joint Venture <input type="checkbox"/> Proprietorship <input type="checkbox"/> Government		
<p>Request for Proposals for 23-500640 Design Build Services for Upgrade Lower Crooked Creek No. 2 (LCC 2) Pump Station described herein will be received in the Purchasing & Contracting Department, Room 2nd Floor, The Maloof Center, 1300 Commerce Drive, Decatur, Georgia 30030 on <u>May 1, 2023 until 3:00 p.m. (EST)</u>. Proposals shall be marked in accordance with the RFP, Section V. Contract Administration, B. Submittal Instructions.</p> <p>CAUTION: The Decatur Postmaster will not deliver certified or Special Delivery Mail to specific addresses within DeKalb County Government. When sending bids or time sensitive documents, you may want to consider a courier that will deliver to specific addresses.</p>			
Proposal Cover Sheet should be signed by a representative of Proposer with the authority to bind Proposer to all terms, conditions, services, and financial responsibilities in the submitted Proposal.			
Authorized Representative Signature(s)		Title(s)	
Type or Print Name(s)		Date	

END OF ATTACHMENT C

ATTACHMENT D

CONTRACTOR REFERENCE AND RELEASE FORM

List below at least three (3) references, including company name, contact name, address, email address, telephone numbers and contract period who can verify your experience and ability to install sanitary sewer lift stations, sewer force mains and gravity sewers at least 8" in diameter with the open cut and trenchless technology. At minimum, one client reference should be external to the County. Within the past ten (10) years, the installer must have successfully completed the construction of at least three (3) similar size projects in the United States, which include either one of the following 2 parts in each of project:

- Part 1 – Gravity Sewer and Manhole Installation
 - Construction components of each project must include the installation of gravity sewer of at least 6" and above in diameter with a minimum length of 2,000 Linear Feet (LF) and the installation of approximately 10 manholes within the last 10 years.
- Part 2 – Sanitary Sewer Pump Station and Force Main
 - Construction components of each project must include the installation of sanitary sewer pump stations and force mains. Contractor shall have successfully completed 3 similar projects within the last 10 years.

Company Name:	Planned year start date:	Planned year completion date:	
Contact Person Name and Title:	Telephone Number (include area code)		
Complete Primary Address:	City:	State:	Zip Code:
Email Address:	Contract Value:	No. of Manholes Installed:	
Project Name:	Diameter: <input type="checkbox"/> 6" <input type="checkbox"/> 8" <input type="checkbox"/> 10" Other:		Linear Feet:
Safety History:	Actual Year started:	Actual Year Completed:	
Services Provided:		PS Capacity/Duty Point	
Description for Part 1 :			

Description for Part 2 :			
Company Name:		Planned year start date:	Planned year completion date:
Contact Person Name and Title:		Telephone Number (include area code)	
Complete Primary Address:	City:	State:	Zip Code:
Email Address:	Contract Value:	No. of Manholes Installed:	
Project Name:	Diameter: <input type="checkbox"/> 6" <input type="checkbox"/> 8" <input type="checkbox"/> 10" Other:		Linear Feet:
Safety History:	Actual Year started:	Actual Year Completed:	
Services Provided:		PS Capacity/Duty Point	
Description for Part 1 :			
Description for Part 2 :			

Company Name:	Planned year start date:	Planned year completion date:	
Contact Person Name and Title:	Telephone Number (include area code)		
Complete Primary Address:	City:	State:	Zip Code:
Email Address:	Contract Value:	No. of Manholes Installed:	
Project Name:	Diameter: <input type="checkbox"/> 6" <input type="checkbox"/> 8" <input type="checkbox"/> 0" Other:		Linear Feet:
Safety History:	Actual Year started:	Actual Year Completed:	
Services Provided:		PS Capacity/Duty Point	
Description for Part 1 :			
Description for Part 2 :			

REFERENCE CHECK RELEASE STATEMENT

You are authorized to contact the references provided above for purposes of this RFP.

Signed _____ Title _____
(Authorized Signature of Proposer)

Company Name _____ Date _____

END OF ATTACHMENT D

ATTACHMENT E

RESPONDER AFFIDAVIT OF COMPLIANCE WITH O.C.G.A. § 13-10-91

By executing this affidavit, the undersigned verifies its compliance with O.C.G.A. § 13-10-91, as amended, stating affirmatively that the responder submitting a bid to DEKALB COUNTY, GA, a political subdivision of the State of Georgia, has registered with and is participating in a federal work authorization program* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security or any equivalent federal work authorization program operated by the United States of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA), P.L. 99-603], in accordance with the applicability provisions and deadlines established in O.C.G.A. § 13-10-91, as amended].

Responder's Name

Federal Work Authorization
Enrollment Date

BY: Authorized Officer or Agent

Title of Authorized Officer or Agent of Bidder

Identification Number

Printed Name of Authorized Officer or Agent

Address (*do not include a post office box)

SUBSCRIBED AND SWORN
BEFORE ME ON THIS THE

_____ DAY OF _____, 20__

Notary Public

My Commission Expires: _____

END OF ATTACHMENT E

ATTACHMENT F

SUB-RESPONDER AFFIDAVIT OF COMPLIANCE WITH O.C.G.A. § 13-10-91

By executing this affidavit, the undersigned Subcontractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services under a contract with _____ (insert name of Contractor) on behalf of DEKALB COUNTY, GEORGIA has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned Subcontractor will continue to use the federal work authorization program throughout the contract period and the undersigned subcontractor will contract for the physical performance of services in satisfaction of such contract only with sub-subcontractors who present an affidavit to the Subcontractor with the information required by O.C.G.A. § 13-10-91. Additionally, the undersigned Subcontractor will forward notice of the receipt of an affidavit from a sub-subcontractor to the Contractor within five business days of receipt. If the undersigned Subcontractor receives notice that a sub-subcontractor has received an affidavit from any other contracted sub-subcontractor, the undersigned Subcontractor must forward, within five business days of receipt, a copy of the notice to the Contractor. Subcontractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Subcontractor

RFP No. 23-500640 Design Build Services for Upgrade Lower Crooked Creek No. 2
(LCC 2) Pump Station

Name of Project

DeKalb County, Georgia Government

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, 20__ in _____ (city), _____ (state).

By: _____
Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent
Subscribed and Sworn before me on this the

_____ day of _____, 20____.

NOTARY PUBLIC

My Commission Expires: _____

END OF ATTACHMENT F

**ATTACHMENT G
DEKALB FIRST LSBE INFORMATION
WITH EXHIBITS 1-2**

**SCHEDULE OF LOCAL SMALL BUSINESS ENTERPRISE PARTICIPATION
OPPORTUNITY TRACKING FORM**

The Chief Executive Officer and the Board of Commissioners of DeKalb County believe that it is important to encourage the participation of small and local businesses in the continuing business of County government; and that the participation of these types of businesses in procurement will strengthen the overall economic fabric of DeKalb County, contribute to the County's economy and tax base, and provide employment to local residents. Therefore, the Chief Executive Officer and the Board of Commissioners have made the success of local small businesses a permanent goal of DeKalb County by implementing the DeKalb First Local Small Business Enterprise Ordinance.

**PROVISIONS OF DEKALB FIRST LOCAL SMALL BUSINESS ENTERPRISE (LSBE)
ORDINANCE**

Percentage of LSBE Participation Required
20% of Total Award

Certification Designation	Request For Proposals (RFP)
LSBE Within DeKalb (LSBE-DeKalb)	Ten (10) Preference Points
LSBE Outside DeKalb (LSBE-MSA)	Five (5) Preference Points
Demonstrated GFE	Two (2) Preference Points

Certified Local Small Business Enterprises (LSBEs) located within DeKalb County and prime contractors utilizing LSBEs that are locally-based inside DeKalb County shall receive ten (10) points in the initial evaluation of their response to any Request for Proposal. Certified LSBEs located outside of DeKalb County but within the nine (9) County Metropolitan Statistical Area (MSA) consisting of Cherokee, Clayton, Cobb, Douglas, Fayette, Fulton, Gwinnett, Henry and Rockdale Counties shall receive five (5) points in the initial evaluation of their response to any Request for Proposal. Prime Contractors who demonstrate sufficient good faith efforts in accordance with the requirements of the ordinance shall be granted two (2) points in their initial evaluation of responses to any Request for Proposal. Pro-rated points shall be granted where a mixture of LSBE-DeKalb and LSBE MSA firms are utilized. Utilization of each firm shall be based upon the terms of the qualified sealed solicitation.

Prime Contractor(s) deemed responsible and remains responsive to an Invitation to Bid (ITB) because they are either a certified LSBE-DeKalb or LSBE-MSA firm or has obtained 20% participation of an LSBE-DeKalb or LSBE-MSA firm, submits the lowest bid price shall be deemed the lowest, responsive and responsible bidder.

Prime Contractor(s) deemed responsible and remains responsive to an Invitation to Bid (ITB) and documented good faith efforts, submits a lower bid price than a Prime Contractor that achieved 20% LSBE participation, or otherwise required benchmark, then the Prime Contractor who actually met the

benchmark will be given the opportunity to match the lowest bid price of the Prime Contractor who only made good faith efforts. Prime Contractor(s) who choose **not** to match the lowest bid price, then the Prime Contractor who made the good faith efforts will be deemed the lowest, responsive and responsible bidder.

For all qualified sealed solicitations, the Director of Purchasing and Contracting, DeKalb County Government, shall determine if the bidder/proposer has included written documentation showing that at least twenty percent (20%) of the total contract award will be performed by a certified LSBE. This written documentation shall be in the form of a notarized Schedule of LSBE Participation (Attached hereto as "Exhibit 1".) For all contracts, a signed letter of intent from all certified LSBEs describing the work, material, equipment and/or services to be performed or provided by the LSBE(s) and the agreed upon percentage shall be due with the bid or proposal documents and included with "Exhibit 1". The certified vendor list establishes the group of Certified LSBE's from which the bidder/proposer must solicit subcontractors for LSBE participation. This list can be found on our website <http://www.dekalbcountyga.gov/purchasing-contracting/about-purchasing-and-contracting> or obtained from the Special Projects LSBE Program team.

Prime Contractors failing to meet the LSBE benchmark must document and demonstrate Good Faith Efforts in accordance with the attached "Checklist for Good Faith Efforts" portion of "Exhibit 1." The notarized Schedule of LSBE Participation shall be due and submitted with each bid or proposal. Failure to achieve the LSBE benchmark or demonstrate good faith efforts shall result in a bid or proposal being rejected. Prime Contractors that fail to attend the mandatory LSBE meeting in person or via video conference shall mean that the Prime Contractor has not demonstrated sufficient good faith efforts and its bid or proposal if submitted, shall be deemed non-responsive without any further review.

Upon award, Prime Contractors are required to submit a report detailing LSBE Sub-Contractor usage with each request for payment and not less than on a monthly basis. Prime Contractors shall ensure that all LSBE sub-contractors have been paid within seven (7) days of the Prime's receipt of payment from the County. Failure to provide requested reports/documentation shall constitute a material breach of contract, entitling the County to terminate the Contract for default or pursue other remedies. LSBE sub-contractors must confirm payments received from the Prime(s) for each County contract they participate in.

For eligible bids/proposals valued over \$5,000,000.00, the Mentor-Protégé provision of the Ordinance shall apply. Prime Contractors must agree to become mentors and take on an LSBE protégé in an effort to enhance the potential of future LSBEs. Qualifying projects shall be performed by both Mentor and Protégé through a subcontract between both parties. This requirement is in addition to all other applicable sections of the DeKalb First Ordinance. Please review the ordinance, section 2-214 or contact the LSBE Program Representative for detailed information regarding this initiative.

EXHIBIT 1

**SCHEDULE OF DEKALB FIRST LOCAL SMALL BUSINESS ENTERPRISE
PARTICIPATION
OPPORTUNITY TRACKING FORM**

As specified, Bidders and Proposers are to present the details of LSBE participation below:

PRIME
BIDDER/PROPOSER _____

SOLICITATION NUMBER: 23-500640

TITLE OF UNIT OF WORK – Design Build Services for Upgrade Lower Crooked Creek No. 2 (LCC
2) Pump Station

1. My firm, as the prime bidder/proposer on this unit of work, is a certified (check all that apply):
____LSBE-DeKalb ____LSBE-MSA
2. If you are a Certified LSBE-DeKalb or MSA, please indicate below the percentage of that
your firm will carry out directly: _____.
3. If the prime bidder/proposer is a joint venture, please describe below the nature of the joint
venture and level of work and percentage of participation to be provided by the LSBE-DeKalb
or MSA joint venture firm.

4. List the LSBE-DeKalb or MSA subcontractors and/or firms (including suppliers) to be utilized
in of this contract, if awarded. No changes can be made in the subcontractors listed below
without the prior written approval of the County. Please attach a signed letter of intent from all
certified LSBEs describing the work, materials, equipment or services to be performed and/or
provided and the agreed upon percentage of work to be performed. A Letter of Intent form is
attached hereto as "Exhibit 2".

Name of Company	
Address	
Telephone	
Fax	
Contact Person	
Indicate certification status and attach proof of certification: LSBE-DeKalb/LSBE-MSA	
Description of services to be performed	

Percentage of work to be performed	
------------------------------------	--

Name of Company	
Address	
Telephone	
Fax	
Contact Person	
Indicate certification status and attach proof of certification: LSBE-DeKalb/LSBE-MSA	
Description of services to be performed	
Percentage of work to be performed	

Name of Company	
Address	
Telephone	
Fax	
Contact Person	
Indicate certification status and attach proof of certification: LSBE-DeKalb/LSBE-MSA	
Description of services to be performed	
Percentage of work to be performed	

Name of Company	
Address	
Telephone	
Fax	
Contact Person	
Indicate certification status and attach proof of certification: LSBE-DeKalb/LSBE-MSA	
Description of services to be performed	
Percentage of work to be performed	

Please attach additional pages, if necessary.

EXHIBIT 1, CONT'D
DEKALB COUNTY
CHECKLIST FOR GOOD FAITH EFFORTS

A bidder/proposer that does not meet the County's LSBE participation benchmark is required to submit documentation to support all "Yes" responses as proof of "good faith efforts." Please indicate whether or not any of these actions were taken:

	Yes	No	Description of Actions
1.			Prime Contractors shall attend a MANDATORY LSBE Meeting in person or via video conference within two-weeks of advertisement of the solicitation.
2.			Provide a contact log showing the company's name, contact person, address, email and contact number (phone or fax) used to contact the proposed certified subcontractors, nature of work requested for quote, date of contact, the name and title of the person making the effort, response date and the percentage of work.
3.			Provide interested LSBEs via email, of any new relevant information, if any, at least 5 business days prior to submission of the bid or proposal.
4.			Efforts made to divide the work for LSBE subcontracting areas likely to be successful and to identify portions of work available to LSBEs consistent with their availability. Include a list of divisions of work not subcontracted and the corresponding reasons for not including them. The ability or desire of a bidder/proposer to perform the contract work with its own organization does not relieve it of the responsibility to make good faith efforts on all scopes of work subject to subcontracting.
5.			Efforts were made to assist potential LSBE subcontractors meet bonding, insurance, or other governmental contracting requirements. Where feasible, facilitating the leasing of supplies or equipment when they are of such a specialized nature that the LSBE could not readily and economically obtain them in the marketplace.
6.			Communication via email or phone with DeKalb First Program Staff seeking assistance in identifying available LSBEs. Provide DeKalb First Program Staff representative name and title, and date of contact.
7.			For all contracts, a signed letter of intent from all certified LSBEs describing the work, materials, equipment or services to be performed or provided by the LSBE(s) and the agreed upon LSBE participation percentage shall be due with the bid or proposal documents.
8.			Other Actions, to include Mentor/Protégé commitment for solicitations \$5M and above (specify):

Please explain all "no" answers above (by number):

This list is a guideline and by no means exhaustive. The County will review these efforts, along with attached supporting documents, to assess the bidder/proposer's efforts to meet the County's LSBE Participation benchmark. If you require assistance in identifying certified, bona fide LSBEs, please contact the Purchasing and Contracting Department - DeKalb First Program at DeKalbFirstLSBE@dekalbcountyga.gov.

EXHIBIT 1, CONT'D

**DEKALB FIRST LOCAL SMALL BUSINESS ENTERPRISE SCHEDULE OF
PARTICIPATION
OPPORTUNITY TRACKING FORM**

Bidder/Proposer Statement of Compliance

Bidder(s)/Proposer(s) hereby state that they have read and understand the requirements and conditions as set forth in the objectives and that reasonable effort were made to support the County in providing the maximum practicable opportunity for the utilization of LSBEs consistent with the efficient and economical performance of this contract. The Bidder and any subcontractors shall file compliance reports at reasonable times and intervals with the County in the form and to the extent prescribed by the Director of DeKalb County Purchasing and Purchasing and Contracting Department. Compliance reports filed at such times as directed shall contain information as to the employment practices, policies, programs and statistics of Contractors and their subcontractors.

1. Non-Discrimination Policy

- a. During the performance of this agreement, Contractor agrees to conform to the following Non-Discrimination Policy adopted by the County.
- b. Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or disability. The Contractor will take action to ensure that applicants are employed, and the employees are treated during employment without regard to their race, color, religion, sex, national origin, or disability. Such action shall include, but not be limited to, the following:
 - (1) Employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. Contractor agrees to post in conspicuous places available to employees and applicants for employment, notices to be provided setting forth provisions of this non-discrimination clause.
 - (2) Contractor shall, in all solicitations or advertisements for employees placed by or on behalf of Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or disability.
- c. Without limiting the foregoing, Contractor shall not discriminate on the basis of disability in the admission or access to, or treatment or employment in, the programs and activities, which form the subject of the contract. The Contractor will take action to ensure that applicants for participation in such programs and activities are considered without regard to disability. Such action shall include, but not be limited to, the following:
 - (1) Contractor agrees to post in conspicuous places available to participants in its programs and activities notices to be provided setting forth the provisions of this non-discrimination clause.

- (2) Contractor shall, in all solicitations or advertisements for programs or activities, which are the subject of the contract, state that all qualified applicants will receive consideration for participation without regard to disability.

2. **Commitment**

The undersigned certifies that he/she has read, understands, and agrees to be bound by the bid specifications, including the accompanying Exhibits and other terms and conditions of the Invitation to Bid and/or Request for Proposal regarding LSBE utilization. The undersigned further certifies that he/she is legally authorized by the bidder or responder to make the statements and representations in Exhibit 1 and that said statements and representations are true and correct to the best of his/her knowledge and belief. The undersigned will enter into formal agreement(s) with the LSBE(s) listed in this Exhibit 1, which are deemed by the owner to be legitimate and responsible LSBEs. Said agreement(s) shall be for the work and contract with the Prime Contractor. The undersigned understands and agrees that if any of the statements and representations are made by the Bidder knowing them to be false, or if there is a failure of the successful Bidder (i.e., Contractor) to implement any of the stated agreements, intentions, objectives, goals and commitments set forth herein without prior approval of the County, then in any such events the contractor's act or failure to act, as the case may be, shall constitute a material breach of contract, entitling the County to terminate the Contract for default. The right to so terminate shall be in addition to, and not in lieu of, any other rights and remedies the County may have for other defaults under the Contract. Additionally, the Contractor will be subject to the loss of any future contract awards by the County for a period of one year.

Firm Name (Please Print):

Firm's Officer:

(Authorized Signature and Title Required)

Date

Sworn to and Subscribed to before me this ____ day of _____, 20__.

Notary Public

My Commission Expires: _____

EXHIBIT 2

**LETTER OF INTENT TO PERFORM AS A SUBCONTRACTOR
PROVIDING MATERIALS OR SERVICES**

Instructions:

1. Complete the form in its entirety and submit with bid documents.
2. Attach a copy of the LSBE's current valid Certification Letter.

To: _____
(Name of Prime Contractor Firm)

From: _____ ☐ **LSBE –DeKalb** ☐ **LSBE –MSA**
(Name of Subcontractor Firm) **(Check all that apply)**

RFP Number: 23-500640

Project Name: Design Build Services for Upgrade Lower Crooked Creek
No. 2 (LCC 2) Pump Station

The undersigned subcontractor is prepared to perform the following described work or provide materials or services in connection with the above project (specify in detail particular work items, materials, or services to be performed or provided).

Description of Materials or Services	Project/Task Assignment	% of Contract Award

Prime Contractor

Sub-contractor

Signature: _____ **Signature:** _____

Title: _____ **Title:** _____

Date: _____ **Date:** _____

**DEKALB FIRST
LOCAL SMALL BUSINESS ENTERPRISE PROGRAM
MENTOR- PROTÉGÉ INITIATIVE**

The Mentor Protégé Relationship is required for all projects valued at over \$5,000,000.00. *During the term of the contract, the Mentor and Protégé businesses must each provide to the DeKalb First – LSBE Program, a quarterly summary of the mentor skills & training provided to the Protégé, which shall include:*

	Place Initials Below	
	Mentor	Protégé
1. List the type of collaboration and training to be provided to the protégé to assist in the growth and development of their business. The areas of assistance that are encouraged include, but are not limited to, bonding and insurance support, management and scheduling support.	_____	_____
2. Names and titles of the individuals from the Mentor who are responsible for working directly with the Protégé in the areas identified above.	_____	_____
3. The amount of time, nature and extent of managerial, technical, financial and bonding assistance provided.	_____	_____
4. A summary and explanation of any projects bid on or undertaken by the Mentor-Protégé partnership in the private sector or for a governmental entity other than DeKalb County.	_____	_____
5. Mentor- Protégé teams must submit fully executed written agreements to the DeKalb First – LSBE Program, which clearly delineates the rights and responsibilities of the Mentor and Protégé, comply with any requirements of the DeKalb First LSBE Program as set forth in the eligible project bid documents, and provide that the Mentor- Protégé relationship shall continue for, at a minimum, the duration of the project. Protégé(s) shall agree not to subcontract any of their work to other contractors without the written approval of the Director.	_____	_____
6. Any additional or further information required by the DeKalb First LSBE Program as set forth in bid documents or otherwise.	_____	_____

(Please initial each line to acknowledge Mentor-Protégé requirements)

Mentor

Protégé

Signature: _____

Signature: _____

Printed Name: _____

Printed Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

ATTACHMENT H



FIRST SOURCE JOBS ORDINANCE INFORMATION **(WITH EXHIBITS 1 – 4)**

EXHIBIT 1 **FIRST SOURCE JOBS ORDINANCE ACKNOWLEDGEMENT**

The DeKalb County First Source Ordinance requires contractors or beneficiaries of eligible projects entering into any type of agreement with the County, including purchase orders, regardless of what they may be called, for the procurement or disposal of supplies, services, construction projects, professional or consultant services, which is funded in whole or part with County funds or County administered funds in which the contractor is to receive \$50,000 or more in County expenditures or committed expenditures and recipient of urban redevelopment action grants or community development block funds administered in the amount of \$50,000 or more to make a good faith effort to hire DeKalb County residents for at least 50% of jobs created using the First Source Registry (candidate database) within one hundred twenty (120) days of contract execution. The work to be performed under this contract is subject to the provisions of the DeKalb County First Source Jobs Ordinance. All contractors will be asked to submit an Employment Roster and/or copies of active payroll registers on a monthly basis to verify compliance. The undersigned acknowledges and agrees to comply with the provisions of the DeKalb County First Source Jobs Ordinance.

CONTRACTOR OR BENEFICIARY INFORMATION:

Contractor or Beneficiary Name (Signature)

Contractor or Beneficiary Name (Printed)

Title

Telephone

Email

Name of Business

Please answer the following questions:

1. How many job openings do you anticipate filling related to this contract? _____
2. How many incumbents/existing employees will retain jobs due to this contract?
DeKalb Residents: _____ Non-DeKalb Residents: _____
3. How many work hours per week constitutes Full Time employment? _____

Please return this form to WorkSource DeKalb, (404)687-3900 or email to fkadkins@dekalbcountyga.gov

WorkSource DeKalb (WSD) is an EEO/M/F/D/V employer/program. Auxiliary aids/services are available upon request to individuals with disabilities. Persons with hearing impairments may call 1-800-255-0135 or 711 TTY for assistance. WSD is 100% funded by the U. S. Department of Labor and is a proud partner of the American Job Center Network.

ATTACHMENT H
FIRST SOURCE JOBS ORDINANCE INFORMATION



EXHIBIT 2

NEW EMPLOYEE TRACKING FORM

Name of Bidder _____

Address _____

E-Mail _____

Phone Number _____

Fax Number _____

Do you anticipate hiring from the First Source Candidate Registry? Y or N (Circle one)

If so, the approximate number of employees you anticipate hiring: _____

Type of Position(s) you anticipate hiring: (List position title, one position per line) Attach job description per job title:	The number you anticipate hiring:	Timeline

Please return this form to WorkSource DeKalb, fax (404) 687-4099 or email to FirstSourceJobs@dekalbcountyga.gov.

WorkSource DeKalb (WSD) is an EEO/M/F/D/V employer/program. Auxiliary aids/services are available upon request to individuals with disabilities. Persons with hearing impairments may call 1-800-255-0135 or 711 TTY for assistance. WSD is 100% funded by the U. S. Department of Labor and is a proud partner of the American Job Center Network.



ATTACHMENT H
FIRST SOURCE JOBS ORDINANCE INFORMATION
EXHIBIT 3

BUSINESS SERVICE REQUEST FORM

Please complete this form for each position that you have available.

DATE: _____ **FEDERAL TAX ID:** _____

COMPANY NAME: _____ **WEBSITE:** _____

ADDRESS: _____

(WORKSITE ADDRESS IF DIFFERENT): _____

CONTACT NAME: _____ **TITLE:** _____

CONTACT E-MAIL ADDRESS: _____ **CONTACT PHONE:** _____

Are you a private employment agency or staffing agency? ☐ YES ☐ NO

JOB DESCRIPTION: *(Please include a copy of the Job Description)*

POSITION TITLE: _____

NUMBER OF POSITIONS AVAILABLE: _____ **TARGET START DATE:** _____

WEEKLY WORK HOURS: 20-30 hours ☐ 30-40 hours ☐ Other ☐ _____

SALARY RATE (OR RANGE): _____ **SPECIFIC WORK SCHEDULE:** _____

PERM ☐ **TEMP** ☐ **TEMP-TO-PERM** ☐ **SEASONAL** ☐

PUBLIC TRANSPORTATION ACCESSIBILITY: YES ☐ NO ☐

SCREENINGS ARE REQUIRED: YES ☐ NO ☐ **SELECT ALL THAT APPLY:**

☐ CREDIT CHECK ☐ DRUG ☐ MVR ☐ BACKGROUND ☐ OTHER _____

HOW TO APPLY:

Please return form to: jbblack@dekalbcountyga.gov

DO NOT WRITE BELOW THIS LINE - TO BE COMPLETED BY WORKSOURCE DEKALB ONLY	
SYSTEM	
TYPE: <input type="checkbox"/> First Source <input type="checkbox"/> Direct Hire <input type="checkbox"/> Work Experience (WEX)	ENTRY DATE: _____
ASSIGNED TO: _____	DATE: _____

WorkSource DeKalb (WSD) is an EEO/M/F/D/V employer/program. Auxiliary aids/services are available upon request to individuals with disabilities. Persons with hearing impairments may call 1-800-255-0135 or 711 TTY for assistance. WSD is 100% funded by the U. S. Department of Labor and is a proud partner of the American Job Center Network.

ATTACHMENT H
FIRST SOURCE JOBS ORDINANCE INFORMATION

EXHIBIT 4

EMPLOYMENT ROSTER
DeKalb County

Contract Number: _____								
Project Name: _____								
Contractor: _____ Date: _____								
Name	Position:	Start Date	Hourly Rate of Pay	Hired for this Project? (yes/no)	Anticipated Length of Employment (Months)	% of Time Dedicated to the Project	Full or Part Time? (No. of Hours)	Georgia County of Residency

WorkSource DeKalb (WSD) is an EEO/M/F/D/V employer/program. Auxiliary aids/services are available upon request to individuals with disabilities. Persons with hearing impairments may call 1-800-255-0135 or 711 TTY for assistance. WSD is 100% funded by the U. S. Department of Labor and is a proud partner of the American Job Center Network.

END OF ATTACHMENT H

ATTACHMENT I

CERTIFICATE OF CORPORATE RESPONDER

I, _____ (*insert name of the Corporate Secretary*),
certify that I am Secretary of the corporation named as Responder herein, same being
organized and incorporated to do business under the laws of the State of _____; that
_____ (*insert name of individual signing the*
Proposal) who executed this Proposal on behalf of the Responder was, then and there,
_____ (*insert title of individuals signing the*
Proposal) and that said Proposal was duly signed by said officer for and on behalf of
said corporation, pursuant to the authority of its governing body and within the scope
of its corporate powers.

I further certify that the names and addresses of the owners of all outstanding stock of
said corporation as of this date are as follows:

This _____ day of _____, 20____.

By: _____ (Corporate Seal)
Secretary

ATTACHMENT I, CONT'D

CERTIFICATE OF AUTHORITY – JOINT VENTURE
(Separate Certificate to be submitted by each joint venture partner)

I, _____, ⁽¹⁾ certify that:

1. I am the _____ ⁽²⁾ of _____, ⁽³⁾ (hereinafter “Venturer”);
 2. Venturer is a partner and participant in the joint venture having submitted the Request for Proposal No. 23-500640 Design Build Services for Upgrade Lower Crooked Creek No. 2 (LCC 2) Pump Station;
 3. Venturer is organized and incorporated to do business under the laws of the State of _____;
- and
4. Said Request for Proposal No. 23-500640 Design Build Services for Upgrade Lower Crooked Creek No. 2 (LCC 2) Pump Station was duly signed by said officer for and on behalf of said Venturer and the Contractor pursuant to the authority of the governing body of each and within the scope of its corporate powers.

I further certify that the names and addresses of the owners of all the outstanding stock or ownership interest in Venturer as of this date are as follows:

This _____ day of _____, 20____.

By: _____
Signature of Person Executing Certification

INSTRUCTIONS FOR COMPLETION OF THIS CERTIFICATE:

1. Name of secretary (if Venturer is a corporation), or Manager or CEO of Venturer (if Venturer is an LLP).
2. Title of person executing Certification.
3. Name of joint venture partner.

**COPY THIS FORM AND SUBMIT SEPARATE CERTIFICATES FOR
EACH JOINT VENTURE PARTNER WITH PROPOSAL.**

END OF ATTACHMENT I

ATTACHMENT J

AFFIDAVIT AND OATH OF RESPONDER

Personally appeared before me, the undersigned officer, duly authorized to administer oaths,
_____,(insert name), who, after being duly sworn, deposes as follows:

I,_____, (insert name), am a competent adult, and I have personal knowledge of the facts set forth in this Affidavit and Oath which I make for any lawful use or purpose.

I,_____(insert name) swear or affirm that I have not prevented or attempted to prevent competition in bidding or submitting a proposal for this Project by any means whatsoever. I swear or affirm that I have not prevented or endeavored to prevent anyone from making a Bid or Proposal for this Project by any means whatsoever, I swear I have not caused or induced any other person to withdraw a Bid or Proposal for this Project.

I,_____(insert name) swear or affirm that I have not engaged in any collusive or anti-competitive practices in responding to this solicitation for bid or proposal. Bid or Proposal is genuine and not collusive or sham; I swear or affirm that I have not colluded, conspired, connived, or agreed, directly or indirectly, with any Bidder/Proposer or person, to put in a sham Bid or Proposal, or that such other person shall refrain from bidding, and has not in any manner, directly or indirectly sought by agreement or collusion, or communication or conference, with any person, to fix the Bid or Proposal Price of affiant or any other Bidder or Proposer, or to fix any overhead, profit or cost element of said Bid or Proposal Price, or of that of any other Bidder or Proposer, or to secure any advantage against DeKalb County, or any person interested in the proposed Contract; and that all statements in said Bid or Proposal are true; and further, that such Bidder or Proposer has not, directly or indirectly submitted this Bid or Proposal, or the contents thereof, or divulged information or data relative thereto to any association or to any member or agent thereof. If Owner determines that collusion exists among Bidders or Proposers, Bids or Proposals from participants in collusion will not be considered.

I,_____(insert name) swear or affirm that in making the above representation under oath, I understand that any person who knowingly and willfully makes a false, fictitious, or fraudulent statement or representation in an affidavit shall be guilty of a violation of O.C.G.A §16-10-20.

I,_____(insert name) swear or affirm that I understand that Bids or Proposals may be considered irregular and subject to rejection if they show serious omission, unauthorized form alterations, use of unauthorized forms, unauthorized alternate bids or proposals, incomplete or unbalanced unit prices, or other irregularities. I swear or affirm that I understand

ATTACHMENT J (Cont'd)

AFFIDAVIT AND OATH OF RESPONDER

that DeKalb County may reject a bid or proposal as non-responsive if the prices bid are materially unbalanced between the line items or sub-line items. "Unbalanced Bid" shall mean a Bid or Proposal, in the opinion of the Owner, that is based in prices significantly less than cost for some work, or prices which are significantly overstated in relation to the cost for other work, and if there is a reasonable doubt that the Bid or Proposal will result in the lowest overall cost to DeKalb County even though it may be the low evaluated Bid or Proposal, or if it is so unbalanced as to be tantamount to allowing an advance payment.

I hereby declare under penalty of perjury that the foregoing is true and correct. Executed on

_____, 20__ in _____(city), _____(state).

By: _____
Signature

Print Name of Affiant

Print Title of Affiant

Subscribed and Sworn before me on this the

____ day of _____, 20_____.

NOTARY PUBLIC

My Commission Expires:

END OF ATTACHMENT J

ATTACHMENT K

PROPOSAL BOND

KNOW ALL MEN BY THESE PRESENTS, that we, _____
_____(hereinafter called the
Principal) and _____ (hereinafter
called the Surety), a corporation chartered and existing under the laws of the State of
_____, with its principal offices in the City of
_____, _____ and listed in the Federal Register and licensed to write surety
bonds in the State of Georgia, are held and firmly bound unto DeKalb County, Georgia, in the full
and just sum of 10% of the Principal's Proposal good and lawful money of the United States of
America, to be paid upon demand of DeKalb County, Georgia, to which payment well and truly to be
made we bind ourselves, our heirs, executors, administrators, and assigns, jointly and severally and
firmly by these presents.

WHEREAS, the Principal is about to submit, or has submitted to DeKalb County, Georgia, a
proposal for RFP 23-500640 Design Build Services for Lower Crooked Creek No. 2 (LCC 2) Pump
Station.

WHEREAS, the Principal desires to file this Bond in accordance with law to accompany this
Proposal.

NOW, THEREFORE, the conditions of this obligation are such that if the proposal be accepted within
one hundred twenty (120) days of the proposal opening, the Principal shall execute a Contract in
accordance with the Proposal and upon the terms, conditions, and prices set forth therein, and in the
form and manner required by DeKalb County, Georgia, and within ten (10) days from the date of
Notice of Award of the Contract, execute a sufficient and satisfactory Performance Bond and Payment
Bond payable to DeKalb County, Georgia, each in an amount of one hundred percent (100%) of the
total Contract Price, in form and with security satisfactory to DeKalb County and furnish satisfactory
proof of the insurance required, then this obligation to be void; otherwise, to be and remain in full
force and virtue in law; and the Surety shall, upon failure of the Principal to comply with any or all
of the foregoing requirements within the time specified above, immediately pay to the aforesaid
DeKalb County, Georgia, upon demand, the amount hereof in good and lawful money of the United
States of America, not as a penalty, but as liquidated damages.

IN TESTIMONY THEREOF, the Principal and Surety have caused these presents to be duly signed and sealed this _____ day of _____, 20____ .

PRINCIPAL

By: _____(SEAL)
Signature of Principal

Print Name and Title of Authorized Signer

Print Name of Principal Business

ATTEST:

Corporate Secretary

SURETY

By: _____(SEAL)
Signature of Surety (by Power of Attorney)

Print Name and Title of Authorized Signer

Print Name of Surety Business

WITNESS:

[Attach Original Power of Attorney]

END OF ATTACHMENT K

ATTACHMENT L
SAMPLE COUNTY CONTRACT

SAMPLE

STATE OF GEORGIA

COUNTY OF DEKALB

**DESIGN AND CONSTRUCTION AGREEMENT
BETWEEN OWNER AND DESIGN/BUILDER**

This DESIGN AND CONSTRUCTION AGREEMENT (the “**Agreement**” or “**Contract**”) is by and between DEKALB COUNTY, GEORGIA, a political subdivision of the State of Georgia, (hereinafter referred to as the “Owner” or “County”) and _____, a limited liability company of the State of Georgia, with offices in Gwinnett County, (hereinafter referred to as the “**Design/Builder**” or “**Contractor**”). This Agreement is for the design and construction of a Project identified as: RFP No. 23-500640 Design Build Services for Upgrade Lower Crooked Creek No. 2 (LCC 2) Pump Station (the Project).

NOW, THEREFORE, in consideration of the mutual promises, covenants and agreements stated herein, and for other good and valuable consideration, the sufficiency of which is hereby acknowledged, Owner and Design/Builder agree as follows:

**ARTICLE 1
THE CONTRACT AND THE CONTRACT DOCUMENTS**

(A) The Contract: The Contract between Design/Builder and Owner, of which this Agreement is a part, consists of the Contract Documents. The Contract shall be effective on the date this Agreement is executed by all parties (Owner and Design/Builder).

(B) The Contract Documents: The Contract Documents consist of this Agreement and all attachments and exhibits attached hereto and incorporated herein, the proposal document package – RFP No. 23-500640 Design Build Services for Upgrade Lower Crooked Creek No. 2 (LCC 2) Pump Station, dated February 13, 2023, any Special Conditions issued herewith, the Design Scope Specification, all Design Documents hereafter prepared by Design/Builder and approved by Owner in accordance with this Agreement, Change Orders and Field Orders issued in accordance with this Agreement, any other written amendments executed by Owner and Design/Builder, as well as the following:

Design/Builder’s Proposal dated _____.

all of which are hereby incorporated herein by reference and made a part hereof.

(C) Enumerated Documents Form Entire Contract: Documents not specifically enumerated in Paragraph 1(B) of this Agreement are not Contract Documents.

(D) Complete Agreement: The Contract, together with Design/Builder’s and Surety’s performance and payment bonds for the Project, if required, constitute the entire and exclusive agreements between Owner and Design/Builder with reference to the Project. The Contract supersedes any and all prior documents, discussions, communications, representations, understandings, negotiations or agreements by and between the parties.

(E) Contract Interpreted as a Whole: The Contract is intended to be an integral whole and shall be interpreted as internally consistent. Work required by any page, part, or portion of the Contract shall be required.

(F) Provision of All Things Required: Anything that may be required, implied or inferred by the Contract Documents which make up this Contract, or any one or more of them, shall be provided by Design/Builder for the Contract Price.

(G) Privity Only with Design/Builder: Nothing contained in the Contract shall create, nor be interpreted to create, privity or any other relationship whatsoever between Owner and any person except Design/Builder.

(H) Agreed Interpretation of Contract Terms: When a word, term, or phrase is used in this Contract, it shall be interpreted or construed first, as defined herein; second, if not defined, according to its generally accepted meaning in the construction industry; and third, if there is no generally accepted meaning in the construction industry, according to its common and customary usage. Headings are used herein solely for convenience.

(I) Term “Include” Intended to Be Encompassing: “Include”, “includes”, or “including”, as used in the Contract, shall be deemed in all cases to be followed by the phrase, “without limitation”.

(J) Use of Singular and Plural: Words or terms used as nouns in the Contract shall be inclusive of their singular and plural forms, unless the context of their usage clearly requires a contrary meaning.

(K) Definition of Material Breaches Not Exhaustive: The specification herein of any act, failure, refusal, omission, event, occurrence or condition as constituting a material breach of the Contract shall not imply that any other, non-specified act, failure, refusal, omission, event, occurrence or condition shall be deemed not to constitute a material breach of the Contract.

(L) Order of Precedence: In the event of any conflict, discrepancy, or inconsistency among any of the Contract Documents which make up this Contract, the following shall control:

- (1) As between figures given on plans and scaled measurements, the figures shall govern;
- (2) As between large scale plans and small scale plans, the large scale plans shall govern;
- (3) As between plans and specifications, the requirements of the specifications shall govern;
- (4) As between this Agreement and the plans or specifications, this Agreement shall govern.

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ARTICLE 2

DESIGN/BUILDER’S REPRESENTATIONS

(A) Specific Representations: In order to induce Owner to execute this Agreement and recognizing that Owner is relying thereon, Design/Builder, by executing this Agreement, and without superseding, limiting, or restricting any other representation or warranty set forth elsewhere in this Agreement or the Contract, or implied by operation of law, makes the following express representations to Owner:

(1) Design/Builder is professionally and fully qualified to act as the design professional and the general contractor for the Project and is, and will remain, licensed to practice engineering and architecture, utility contracting, and general contracting by all public entities having jurisdiction over Design/Builder or the Project;

(2) Design/Builder will maintain all necessary licenses, permits or other authorization necessary to act as Design/Builder for the Project until Design/Builder’s duties hereunder have been fully satisfied;

(3) Design/Builder has the expertise, experience, and knowledge as well as the necessary plant, personnel and financial capability to perform the Design Services and the Work in accordance with the terms of the Contract;

(4) Prior to the execution of this Agreement, Design/Builder has visited and inspected the Project site and the local conditions under which the Project is to be designed, constructed and operated, and Design/Builder has performed such tests, if any, as are necessary to determine the surface and sub-surface conditions under which the Work will be performed, and Design/Builder accepts the conditions of the Work site and has taken those conditions into account in entering into the Contract;

(5) Design/Builder assumes full responsibility to Owner for the improper acts and omissions of its Subcontractors or others employed or retained by Design/Builder in connection with the Project.

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ARTICLE 3

REGULATORY GUIDELINES, REQUIREMENTS AND STANDARDS

(A) Generally: Design/Builder shall perform all Design Services described in, contemplated by, inferable from, or necessary or desirable to achieve the objectives stated in the Design Scope Specification and the Contract, including all Design Services necessary for the Project to be properly constructed by Design/Builder and used, operated and maintained by Owner in accordance with all applicable guidelines, requirements and standards. “Design Services” means any and all architectural, engineering and design services required to be performed by Design/Builder pursuant to the Contract and all labor, materials, supervision, equipment, computers, documents, and all other things necessary for the performance of such services. “Design Scope Specification” means the document prepared by Owner dated _____, which specifies the general scope of the Design Services to be performed by Design/Builder under the Contract. A copy of the Scope of Work is attached hereto as Attachment A, and is incorporated herein by reference. The Design / Build Services shall be performed within the time provided by the Design Schedule.

(B) Owner’s Review of Design Services: Subject to Paragraph 13(G) of this Agreement, Design/Builder shall submit all documents produced as part of the Design Services to Owner’s Representative for review and approval in accordance with the terms of the Contract. However, any such review or approval by Owner or Owner’s Representative shall not relieve Design/Builder of or otherwise diminish its obligations under the Contract. Owner may direct Design/Builder to make changes to any such documents in order to conform such documents to Owner’s objectives. Any such changes by Design/Builder ordered by Owner shall not relieve Design/Builder of its obligations hereunder unless, and only to the extent that, Design/Builder notifies Owner in writing within seven (7) days of receipt of Owner’s directive to make such changes of any adverse impact on schedules, budgets, operational costs, operational performance, satisfaction of regulatory requirements, or other adverse impact that may result from such changes. Failure of Design/Builder to submit its notice within said seven (7) day period shall constitute a waiver by Design/Builder of any claim for an adjustment to the Design Schedule or the Contract Time.

(C) Preparation of Site Information: Design/Builder shall prepare, as necessary, surveys and topographic information including aerial photographs needed to establish line and grade of sewers, location of property lines and easements. Sewer easements, both construction and permanent, shall be referenced to property lines by field surveys, and plans shall include the location of any improvement as it relates to property lines.

(D) Retention of Geotechnical Consultants: In preparing the Design Documents, Design/Builder shall retain an experienced, qualified geotechnical consultant to evaluate all geotechnical considerations relating to the design and construction of the Project. Design/ Builder shall be responsible for designing the Project in accordance with the analysis and recommendations of its geotechnical consultant.

(E) Quality of Design Services: Design/Builder shall be responsible for the professional quality, completeness, accuracy, and coordination of Design Documents. Design/Builder shall provide Design Services that will result in an operationally cost-efficient and economical facility that meets all environmental and regulatory requirements as of the date hereof, and uses the most appropriate available technology. Design/Builder shall provide for all testing and inspections

required by sound professional architectural and engineering practices and by governmental authorities having jurisdiction over the Project.

(F) Coordination with County's Separate Contractors: Design Builder acknowledges that the County intends to engage separate contractors to perform work adjacent and connected to the Project Work. Design/Builder shall cooperate with the County to ensure the efficient coordination with County's separate contractors. Such cooperation shall include, but is not limited to, attending coordination meetings, sharing of schedule and layout information, as well as further reasonably requested integration functions.

(G) Compliance with Laws and Regulatory Requirements: In providing Design Services, Design/Builder shall comply with the lawful requirements of all federal, state, and local authorities having lawful jurisdiction over the Project. Design/Builder shall design the Project to meet all applicable requirements of building control laws and regulations in relation to the design, construction, occupation, and operation of the Project, including, without limitation, environmental standards, fire and safety regulations, and requirements and compliance with all other applicable standards and codes.

(H) Laws and Regulations: The Design/Builder's attention is directed to the fact that all applicable Federal, State, and County laws, municipal ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the Project, shall apply to the Contract throughout, and they will be deemed to be included in the Contract Documents the same as though herein written out in full. The Design/Builder shall keep himself fully informed of all laws, ordinances, and regulations of the Federal, State, and County in any manner affecting those engaged or employed in the Work or the materials used in the Work or in any way affecting the conduct of the Work and of all orders and decrees of bodies or tribunals having any jurisdiction or authority over same. If any discrepancy or inconsistency should be discovered in this Contract, or in the Drawings or Specifications herein referred to, in relation to any such law, regulation, ordinance, order, or decree, Design/Builder shall herewith report the same, in writing, to the Owner. Design/Builder shall at all times observe and comply with all such laws, ordinances, and regulations, and shall protect and indemnify the County and its agents against any such law, ordinance, regulation, order, or decree, whether by Design/Builder or by Design/Builder's employees.

(I) Applicable Requirements: The work shall comply with the Contract Documents and with all applicable codes, laws, and regulations of the County, State, or Federal agencies which may have cognizance of any part of the Work. In the event of any conflict between the terms of this Contract and such codes, laws, and regulations, the codes, laws, and/or regulations shall prevail. If the Design/Builder performs any work knowing it to be contrary to such codes, laws, or regulations, and without such notice to the County, Design/Builder shall assume full responsibility therefor and shall bear any and all costs necessary to correct the Work.

(J) Duty to Correct Errors: Design/Builder shall, without additional compensation, immediately correct any errors, omissions or deficiencies in its Design Services and Design Documents.

(K) Schedule of Design Services: Design/Builder shall submit for Owner's approval the Design Schedule for the performance of Design/Builder's Design Services which shall include

allowance for reasonable time required for Owner's review of submissions and for approvals of authorities having jurisdiction over the Project. The Design Schedule, when approved by Owner, shall not, except for good cause, be exceeded by Design/Builder. Should Design/Builder at any time during the course of performing the Contract, have any reason to believe that it will be unable to meet any completion date in accordance with the Design Schedule, it shall immediately notify Owner's Representative in writing. In such notice, Design/Builder shall state the reason for the delay including the party responsible, if any, and the steps being taken to remedy or minimize the impact of the delay. Failure of Design/Builder to submit such notice shall constitute a waiver by Design/Builder of any claim for an adjustment to the Contract Price, the Design Schedule, or the Contract Time. All extensions of time shall be governed by Articles 16 and 17 of this Agreement. Subject to the provisions of Paragraph 13(G) of this Agreement, Owner shall review and approve, where appropriate, the Design Schedule, or any portion thereof.

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ARTICLE 4

PRELIMINARY CONSULTATION AND PROJECT ANALYSIS

(A) Determining The Project Objectives: Prior to the preparation of the Preliminary Design as required by Article 5 below, Design/Builder shall first consult in detail with Owner, and shall carefully analyze any information furnished by Owner concerning requirements of the Project including, but not limited to, any design, construction, coordination with County's separate contractors, scheduling, budgetary or operational requirements, limitations, and objectives, as well as the Design Scope Specification.

(B) Report on Project Requirements and Objectives: Based on its study and analysis, and no later than ten (10) days after the effective date of the Contract, Design/Builder shall prepare and submit to Owner a written report detailing Design/Builder's understanding and analysis of the Project requirements and identifying any design, construction, scheduling, budgetary, operational, or other problems which may result from said requirements. The written report of Design/Builder shall also include proposed solutions, including design alternatives if appropriate, addressing each of the identified problems. Design/Builder shall review such report with Owner and shall implement such changes as Owner may require as provided in Paragraph 3(B) of this Agreement.

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ARTICLE 5 PRELIMINARY DESIGN

(to 60% completion stage)

(A) Time For Preliminary Design: Not later than two hundred fifty days (250) calendar days after the Notice to Proceed date the Design/Builder shall review with Owner the written report required by Paragraph 4(B) above, Design/Builder shall prepare and submit to Owner a Preliminary Design and GMP at the end of Phase 1 for this Project.

(B) Contents Of Preliminary Design: The Preliminary Design shall address all requirements of the Project and shall include, without limitation, the following:

- (1) Preliminary drawings which illustrate each of the basic components of the Project including the size, scale, location, dimensions, and character of each building structure;
- (2) Preliminary drawings which illustrate each exterior view of the Project;
- (3) Preliminary drawings, which illustrate a floor plan for each room, office, and functional area of the Project and the dimensions thereof;
- (4) Preliminary drawings and specifications illustrating and describing the architectural, electrical, mechanical, structural, and manufacturing systems of the Project;
- (5) A written description of the materials and equipment to be incorporated into the Project and the location of same;
- (6) Any other documents or things required to illustrate, describe or depict the Preliminary Design and the conformity of same with the requirements of the Design Scope Specification and the Contract.

(C) To Be Reviewed with Owner: Design/Builder shall review with Owner the Preliminary Design and shall incorporate any changes ordered by Owner with respect to said Preliminary Design or with respect to the requirements of the Project.

(D) Authorization to Proceed with Detailed Design: After review of the Preliminary Design and incorporation of any changes ordered by Owner, Owner shall authorize Design/Builder in writing to commence preparing the Detailed Design or such part thereof as directed by Owner.

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ARTICLE 6 DETAILED DESIGN

(A) Time For Preparation: Not later than One Thousand Ninety-Five calendar days (1,095) after Owner has authorized Design/Builder to commence with the Detailed Design and Construction/Commissioning as provided in Paragraph 5(D) hereinabove, Design/Builder shall prepare and submit to Owner the complete Detailed Design.

(B) The Detailed Design: The Detailed Design shall include all Design Documents which shall describe with specificity all elements, details, components, materials, and other information necessary for the complete construction of the Project and the rendering of the Project fully operational for its intended purposes, including satisfaction of all testing, permitting, qualifications, certifications, validations, and obtaining regulatory approvals by all applicable regulatory authorities required to render the Project and all its components operational and functionally and legally usable for their intended purpose. Subject to the provisions of Paragraph 13(G) of this Agreement, Owner shall review and approve, where appropriate, the Design Documents, or any portion thereof.

(C) Design Documents: Design Documents means all the design documents provided by Design/Builder and approved by Owner pursuant to the Contract including, without limitation, those for use in constructing the Project, performing the Work, and the rendering of the Project fully integrated, operational, and shall include, without limitation, detailed plans, drawings, specifications, manuals, and related materials prepared by or on behalf of Design/Builder.

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ARTICLE 7 CONSTRUCTION SERVICES

(A) General Intent: Design/Builder shall perform all Work necessary to construct the Project in accordance with the Contract and to render the Project and all its components operational, functional and legally usable for their intended purpose.

(B) Work Defined: The term “Work” shall mean whatever is done by or required of Design/Builder to perform and complete its duties relating to the construction of the Project under the Contract, including, without limitation, the following:

- (1) Construction of the whole and all parts of the Project in full and strict conformity with the Contract with a total contract completion time for Phase 2 of 36 months (1,095 calendar days)
- (2) The provision and furnishing, and prompt payment therefor, of all labor, supervision, services, materials, supplies, equipment, fixtures, appliances, facilities, tools, transportation, storage, power, fuel, heat, light, cooling, other utilities and things required for the construction of the Project;
- (3) The procurement and furnishing of all necessary building permits and other permits required for the construction of the Project;
- (4) The creation and submission to Owner of detailed as-built drawings depicting all as-built construction;
- (5) The furnishing of any required surety bonds and insurance as required by the Contract;
- (6) The furnishing of all equipment and product warranties, manuals, test results and user guides required by the Contract or otherwise reasonably available to Design/Builder;
- (7) The furnishing of all other services and things required or reasonably inferable from the Contract Documents, including the provisions of Article 9 below.

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ARTICLE 8

TIME FOR CONSTRUCTION: THE CONTRACT TIME

(A) Notice of Commencement: After Owner has approved the Design Documents for the Detailed Design, Owner shall issue a notice to commence the Work directing Design/Builder to proceed with the Work on the date indicated in the notice (the “Commencement Date”). The notice to commence Work shall be issued at least ten (10) days prior to the Commencement Date.

(B) Time for Completion: Design/Builder shall commence the Work on the Commencement Date, and the Work shall be carried out regularly and without interruption. Design/Builder shall substantially complete the Work not later than as described One Thousand Two Hundred and Seventy Eight (1,278) calendar days or such other duration as may by Change Order be designated (the “Scheduled Completion Date”). The number of calendar days between the effective date of the Contract and the Scheduled Completion Date is One Thousand Three Hundred Forty-Eight (1,348) calendar days, the “Contract Time”. Design/Builder shall achieve Final Completion of the Work no later than One Thousand Three Hundred Thirty-Eight (1,338) calendar days after the Notice to Proceed date.

(C) Contract Term: As allowed by O.C.G.A. §36-60-15.1, this Contract shall commence immediately upon the execution date. This Contract shall terminate without further obligation on the part of the County, with no further renewals, four (4) years after the execution date, unless extended by Change Order adopted and approved by the DeKalb County Governing Authority and the Design/Builder in accordance with the terms of this Contract.

(D) Liquidated Damages for Delay in Submittal of Detailed Design: Design/Builder shall pay Owner the sum of Two Thousand Five Hundred and No/100ths dollars (\$2,500.00) per day for each day the Project remains out of compliance for submission of Detailed Design. Any sums due and payable hereunder by Design/Builder shall be payable, not as a penalty, but as liquidated damages representing an estimate of delay damages likely to be sustained by Owner, estimated at the time of executing this Agreement. Such liquidated damages shall apply regardless of whether Design/Builder has been terminated by Owner prior to submission of Detailed Design so long as Design/Builder’s actions or inactions contributed to the delay. Such liquidated damages shall be in addition to and not in preclusion of the recovery of actual damages resulting from other defects in Design/Builder’s performance hereunder for matters other than delays in submission of Detailed Design.

(E) Liquidated Damages For Delay In Substantial Completion: Design/Builder shall pay Owner the sum of Two Thousand five hundred and No/100ths dollars (\$2,500.00) per day for each and every calendar day of unexcused delay in achieving Substantial Completion beyond the Scheduled Completion Date. Any sums due and payable hereunder by Design/Builder shall be payable, not as a penalty, but as liquidated damages representing an estimate of delay damages likely to be sustained by Owner, estimated at the time of executing this Agreement. Such liquidated damages shall apply regardless of whether Design/Builder has been terminated by Owner prior to Substantial Completion so long as Design/Builder’s actions or inactions contributed to the delay. Such liquidated damages shall be in addition to and not in preclusion of the recovery of actual damages resulting from other defects in Design/Builder’s performance hereunder for matters other than delays in Substantial Completion. When Owner reasonably believes that Substantial

Completion will be unexcusably delayed, Owner shall be entitled, but not required, to withhold from any amounts otherwise due to Design/Builder an amount then believed by Owner to be adequate to recover liquidated damages applicable to such delays. If and when Design/Builder overcomes the delay in achieving Substantial Completion, or any part thereof, for which Owner has withheld payment, Owner shall promptly release to Design/Builder those funds withheld, but no longer applicable as liquidated damages.

(F) Liquidated Damages for Delay In Final Completion: If Design/Builder fails to achieve Final Completion for Part Phase 2 within One Thousand Three Hundred Thirty-Eight (1,338) calendar days from the Notice to Proceed date, Design/Builder shall pay Owner the sum of Two Thousand Five Hundred and No/100ths dollars (\$2,500.00) per day for each and every calendar day of unexcused delay in achieving Final Completion beyond the date set forth herein for Final Completion of the Work. Any sums due and payable hereunder by Design/Builder shall be payable, not as a penalty, but as liquidated damages representing an estimate of delay damages likely to be sustained by Owner, estimated at the time of executing this Agreement. Such liquidated damages shall apply regardless of whether Design/Builder has been terminated by Owner prior to Final Completion so long as Design/Builder's actions or inactions contributed to the delay. Such liquidated damages shall be in addition to and not in preclusion of the recovery of actual damages resulting from other defects in Design/Builder's performance hereunder for matters other than delays in Final Completion. When Owner reasonably believes that Final Completion will be inexcusably delayed; Owner shall be entitled, but not required, to withhold from any amounts otherwise due to Design/Builder an amount then believed by Owner to be adequate to recover liquidated damages applicable to such delays. If and when Design/Builder overcomes the delay in achieving Final Completion, or any part thereof, for which Owner has withheld payment, Owner shall promptly release to Design/Builder those funds withheld, but no longer applicable as liquidated damages.

(G) Time Is of The Essence: All limitations of time set forth herein are material and time is of the essence of the Contract.

Time for Completion and Liquidated Damages:

(1) It is hereby understood and mutually agreed, by and between the Design/Builder and the County, that the date of beginning, rate of progress, and the time for completion of the Work are essential conditions of this Contract; and it is further mutually understood and agreed that the Work embraced in this Contract shall be commenced on a date to be specified in the Notice to Proceed.

(2) The Design/Builder agrees that said work shall be prosecuted regularly, diligently, and uninterrupted at such rate of progress as will insure full completion thereof within the time specified. It is expressly understood and agreed, by and between the Design/Builder and the County, that the time for the completion of the Work described herein is a reasonable time for the completion of the same, taking into consideration the average climate range and usual industrial conditions prevailing in this locality.

(3) If the said Design/Builder shall neglect, fail or refuse to complete the Work within the time herein specified, then the Design/Builder does hereby agree, as a part

consideration for the awarding of this Contract, to pay to the County, the amount specified herein, not as a penalty, but as liquidated damages.

(4) It is further agreed that time is of the essence of each and every portion of this Contract and of the Specifications wherein a definite portion and certain length of time is fixed for the performance of any act whatsoever; and where under the Contract an additional time is allowed for the completion of any work, the new time limit fixed by such extension shall be the essence of this Contract. Provided, that the Design/Builder shall not be charged with liquidated damages or any excess cost when the delay in completion of the Work due to unforeseeable causes beyond the control and without the fault or negligence of the Design/Builder, including but not restricted to, acts of God, or to the public enemy, acts of the County, acts of another contractor in the performance of the contract with the County, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather exceeding the average climatic conditions in the area of the Work.

(5) Provided further, that the Design/Builder shall within seven (7) days from the beginning of such delay, notify the County, in writing, of the causes of the delay, who shall ascertain the facts and extent of the delay and notify the Design/Builder within a reasonable time of its decision in the matter.

(6) Where the County has beneficial occupancy of a usable facility prior to the expiration of the specified Contract Time, but where contract work items remain outstanding, the County, at its option, may, in lieu of all or a portion of liquidated damages owed by the Design/Builder, charge the Design/Builder for actual cost of administering the Contract for the period subsequent to expiration of the Contract completion date.

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ARTICLE 9

ADDITIONAL DUTIES AND RESPONSIBILITIES OF DESIGN/BUILDER

(A) Examination of Work by Design/Builder: It is understood and agreed that the Design/Builder has, by careful examination, satisfied itself as to the nature and location of the Work, the conformation of the ground, the character, quality, and quantity of the facilities needed preliminary to and during the prosecution of the Work, the general and local conditions, and all other matters which can in any way affect the Work or the cost thereof under this Contract. No verbal agreement or conversation with any officer, agent, or employee of the County, either before or after the execution of the Contract, shall affect or modify any of the terms or obligations herein contained.

(B) Materials, Services, and Facilities:

(1) The Design/Builder shall at all times employ sufficient labor and equipment for prosecuting the Work to full completion in the manner and time specified. Failure of the Design/Builder to provide adequate labor and equipment may result in default of the Contract. The labor and equipment to be used in the Work by the Design/Builder shall be sufficient to meet the requirements of the Work and shall be such as to produce a satisfactory quality of work, in accordance with accepted industry practices within the time specified in the Contract.

(2) Materials and equipment shall be so stored and handled as to insure the preservation of their quality and fitness for the Work. Stored materials and equipment to be incorporated in the Work shall be located so as to facilitate prompt inspection. No product which has in any way become unfit for the intended purpose shall be incorporated into the Work.

(3) Manufactured articles, materials, and equipment shall be applied, installed, connected, erected, cleaned, tested and commissioned as directed by the manufacturer.

(4) Materials, supplies, and equipment to be incorporated into the Work shall be new and unused unless otherwise specifically stated in the Contract Documents. The source of supply for all such products shall be submitted to the Owner, together with detailed descriptions thereof in the form of samples, Shop Drawings, tests, or other means necessary to adequately describe the items proposed. If, after trial, it is found that sources of supply, even though previously approved by the Owner, have not furnished products meeting the intent of the Contract Documents, the Design/Builder shall thereafter furnish products from other approved sources, and shall remove completed Work incorporating products which do not meet Contract requirements.

(C) Design/Builder to Perform All Work Required by the Contract: The intent of the Contract is to require complete, correct and timely execution of the design and the Work. Any and all Work that may be required, reasonably implied or reasonably inferred by the Contract, or any part of it, as necessary to produce the intended result shall be provided by Design/Builder in accordance with Article 10 of this Agreement for the Contract Price.

(D) Design/Builder's Obligations: The Design/Builder shall, in good workmanlike manner, do and perform, all work and furnish all supplies and materials, machinery, equipment,

facilities, and means, except as herein otherwise expressly specified, necessary, or proper to perform and complete all the Work required by this Contract, within the time herein specified, in accordance with the provisions of this Contract and said Specifications and in accordance with the Drawings of the Work covered by this Contract and any and all supplemental drawings of the Work covered by this Contract. Design/Builder shall furnish, erect, maintain, and remove such construction, plants, and such temporary works as may be required. Design/Builder alone shall be responsible for the safety, efficiency, and adequacy of Design/Builder's plants, appliances, and methods, and for any damage which may result from their failure or their improper construction, maintenance, or operation. The Design/Builder shall observe, comply with, and be subject to all terms, conditions, requirements and limitations of the Contract and Specifications, local ordinances, and State and Federal laws; and shall do, carry on, and complete the entire Work.

(E) Strict Compliance with The Contract Documents: All Work performed by Design/Builder shall be in strict compliance with the Contract. "Substantial Compliance" is not strict compliance. Any Work not in strict compliance with the Contract is defective.

(F) Supervision of the Work: The Work shall be strictly supervised and directed using Design/Builder's best and highest skill and effort, Design/Builder bearing full responsibility for any and all acts or omissions of those engaged in the Work on behalf of Design/Builder.

(G) Warranty of Workmanship and Materials: Design/Builder warrants and guarantees to Owner that all labor furnished to progress the Work under the Contract will be competent to perform the tasks undertaken and is the best quality obtainable, that the product of such labor will yield only first-class results in strict compliance with the Contract, that materials and equipment furnished will be of high quality and new unless otherwise permitted by the Contract, and that the Work will be of high quality, free from faults and defects and in strict conformance with the Contract. Any and all Work not strictly conforming to these requirements shall be considered defective and shall constitute a breach of Design/Builder's warranty.

(H) Commencement of Guarantee and Warranty: Special or specific guarantees and warranties which are required by the Contract to run for a fixed period of time shall commence running on the date of Substantial Completion of all Work.

(I) Design/Builder's Schedule of Construction: Design/Builder, within fifteen (15) days after the Commencement Date, shall submit to Owner, for its information, and comply with, Design/Builder's Schedule of Construction for completing the Work by the Scheduled Completion Date. The Schedule of Construction shall reflect the performance of all Work on week days and non-holidays. The Schedule of Construction shall be a detailed critical path (CPM) schedule in a form acceptable to Owner. The Schedule of Construction shall be revised at least monthly and shall be revised to reflect conditions encountered from time to time and shall be related to the entire Project. Each such revision shall be furnished to Owner. Strict compliance with the requirements of this Paragraph shall be a condition precedent for payment to Design/Builder, and failure to strictly comply with said requirements shall constitute a material breach of the Contract.

(J) Record Copy of Contract Documents: Design/Builder shall continuously maintain at the site, for the benefit of Owner, an updated copy of the Contract, including one record copy of the Contract Documents marked to record on a current basis changes, selections and modifications

made during construction. Additionally, Design/Builder shall maintain at the site, for the benefit of Owner, a copy of all Shop Drawings, Product Data, Samples, and other Submittals. Upon Final Completion of the Work, and/or upon Owner's request, all of the documents described in this Paragraph shall be finally updated and delivered to Owner and shall become the property of Owner.

(K) Review and Approval of Submittals: Design/Builder shall review, study, and approve, or take other necessary action upon all Shop Drawings, Product Data, Samples, and other Submittals to ensure that the Project will be constructed in a timely fashion in strict compliance with the Contract.

(L) Owner's Option to Review Submittals: Owner shall, in its discretion, have the right to review and approve Submittals, and if Owner so elects, Design/Builder shall not perform any portion of the Work as to which Owner has required Submittal and review until such Submittal has been approved by Owner's Representative. Approval by Owner, however, shall not be evidence that Work installed pursuant thereto conforms to the requirements of the Contract nor shall such approvals relieve Design/Builder of any of its responsibilities or warranties under the Contract. If Owner elects to review Submittals, Design/Builder shall maintain a Submittal log which shall include, at a minimum, the date of each Submittal, the date of any resubmittal, the date of any approval or rejection, and the reason for any approval or rejection. Design/Builder shall have the duty to carefully review, inspect and examine any and all Submittals before submission of same to Owner. Shop Drawings and other Submittals from Design/Builder do not constitute a part of the Contract.

(M) Procurement and Review of Warranties: Design/Builder shall procure from all Subcontractors and Suppliers and shall transmit in writing to the Owner, all warranties required by the Contract. Design/Builder shall review all such warranties and shall certify to Owner that the warranties are in strict compliance with the requirements of the Contract.

(N) Procurement of Operations and Maintenance Documentation: Design/Builder shall prepare or procure and shall transmit to Owner all documentation required by the Contract regarding the operation and recommended maintenance programs relating to the various elements of the Work.

(O) As-Built Drawings: Design/Builder shall prepare and provide to Owner a complete set of all as-built drawings which shall be complete and, except as specifically noted, shall reflect performance of the Work in strict compliance with the requirements of the Contract. The Design/Builder shall, upon completion of the Work, furnish a marked set of Drawings showing the field changes, as actually installed and as specified under sections of the Specifications, and deliver them to the Owner.

(P) Compliance with Labor Laws: Design/Builder shall assume all labor responsibility for all personnel assigned to or contracted for the performance of the Work and agrees to strictly comply with all its obligations as employer with respect to said personnel under all applicable labor laws.

(Q) Inspection and Testing of Materials: Unless otherwise specifically provided for, the inspection and testing of materials and finished articles to be incorporated in the Work at the site

shall be made by bureaus, laboratories, or agencies approved by the Owner. The cost of such inspection and testing shall be paid by the Design/Builder. The Design/Builder shall furnish evidence satisfactory to the Owner that the material and finished articles have passed the required tests prior to the incorporation of such materials and finished articles in the Work.

(R) Inspection of Work:

(1) The Design/Builder shall, at all times, permit and facilitate inspection of the Work by authorized representatives of the Owner and public authorities having jurisdiction in connection with the Work of this Contract. The presence or observations of the Owner or its representative at the site of the Work shall not be construed to, in any manner, relieve the Design/Builder of this responsibility for strict compliance with the provisions of the Contract Documents.

(2) If the specifications, County's instructions, laws, ordinances, or a public authority require any work to be specially tested or approved, the Design/Builder shall give the Owner timely notice of its readiness for observation or inspection. If the inspection is by another authority, then the Owner shall be advised of the date fixed for such inspection. Required certificates of inspection shall be secured by the Design/Builder. Design/Builder having secured all certificates of inspection will deliver same to the Owner upon completion. If any work should be covered up without approval or consent of the Owner, it shall, if required by the Owner, be uncovered for examination at the Design/Builder's expense.

(3) Should any disagreement or difference arise as to the estimate, quantities, or classifications or as to the meaning of the Drawings or Specifications, or any point concerning the character, acceptability, and nature of the several kinds of work, any materials and construction thereof, the decisions of the Owner shall be final and conclusive and binding upon all parties to the Contract.

(S) Owner's Regulations and Applicable Laws: Design/Builder shall, during the course of the Work, comply with any regulations or guidelines prescribed by Owner. Design/Builder warrants that it will comply with all public laws, ordinances, rules and regulations applicable to the services to be performed under the Contract, including without limitation, those relating to the terms and conditions of the employment of any person by Design/Builder in connection with the Work to be performed under the Contract.

(T) Compliance with Construction Regulations: Design/Builder shall perform the Work in accordance with all construction codes, laws, ordinances or regulations applicable to the design and execution of the Work. Any fine or penalty which may be imposed as consequence of any violation of this provision shall be paid by Design/Builder, and Design/Builder shall indemnify and hold Owner harmless from all loss, damages, and expense, including attorney's fees, resulting from any such violation or alleged violation.

(U) Permits, Licenses and Notices: All construction and building permits, licenses and authorizations necessary for the construction of the Project shall be secured and paid for by Design/Builder. Design/Builder shall notify Owner's Representative when it has received said permits, licenses and authorizations and upon receipt shall supply Owner with copies of same. The

originals of said permits, licenses and authorizations shall be delivered to Owner upon completion of the Work, and receipt of such documents by Owner shall be a condition precedent to final payment. Design/Builder shall also give and maintain any and all notices required by applicable laws pertaining to the construction of the Work. The County will not charge the Design/Builder for permits and inspections obtained from the County.

(V) Conditions to Site Access: While on Owner's property, all Design/Builder's employees and Subcontractors shall confine themselves to areas designated by Owner's Representative and will be subject to Owner's badge and pass requirements, if any, in effect at the site of the Work.

(W) Protection of Work, Property, and Persons:

(1) The Design/Builder will be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work. Design/Builder will take all necessary precautions for the safety of, and will provide the necessary protection to prevent damage, injury or loss to all employees on the Work and other persons who may be affected thereby, all the Work and all materials or equipment to be incorporated therein, whether in storage on or off the site, and other property at the site or adjacent thereto, including trees, shrubs, lawns, lakes, drainage ways, walks, pavements, roadways, structures, and utilities not designated for removal, relocation or replacement in the course of construction.

(2) The Design/Builder will comply with all applicable laws, ordinances, rules, regulations, and orders of any public body having jurisdiction. Design/Builder will erect and maintain, as required by the conditions and progress of the Work, all necessary warning, safeguards for devices and safety and protection of the Work, the public, and adjoining property. Design/Builder will notify owners of adjacent utilities when prosecution of the Work may affect them. The Design/Builder will remedy all damage, injury, or loss to any property caused, directly or indirectly, in whole or in part, by the Design/Builder, any Subcontractor, or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable.

(3) The Design/Builder shall, prior to commencing other on-site work, accurately locate utilities within the structure and above and below ground utilities and structures which may be affected by the Work, using whatever means may be appropriate. The Design/Builder shall mark the location of existing utilities and structures, not otherwise readily visible, with flagging, stakes, barricades, or other suitable means, and shall preserve and protect all utilities and structures not designated for removal, relocation, or replacement in the course of construction. Design/Builder shall notify the Owner promptly on discovery of any conflict between the Contract Documents and any existing facility.

(4) In emergencies affecting the safety of persons or the Work or property at the site or adjacent thereto, or unanticipated conditions where delay would substantially impact the time or cost of work, the Design/Builder, upon notification to the Owner, shall act to prevent threatened damage, injury, or loss. Any claim for compensation or extension of time by the Design/Builder due to such extra work shall be submitted to the Owner, in writing,

within ten (10) days of the date of performing such work or deviations in the manner prescribed for a Change Order.

(5) All existing utilities, both public and private, including sewer, gas, water, electrical, and telephone services, etc., shall be protected and their operation shall be maintained through the course of the Work. Any temporary shutdown of an existing service shall be arranged between the Design/Builder and the responsible agency. The Design/Builder shall assume full responsibility and hold the County harmless from the result of any damage that may occur as a result of the Design/Builder's activities.

(X) Repair of Collateral Damages: Unless otherwise instructed by Owner, Design/Builder shall repair and return to original condition all buildings, streets, curbs, sidewalks, utilities or other facilities affected by Design/Builder's performance of the Work.

(Y) Cleaning Up: The Design/Builder shall at all times keep the premises free from accumulation of waste materials or rubbish caused by Design/Builder's employees or work. Upon completion of the Work, the Design/Builder shall remove all Design/Builder's plants, tools, materials, and other articles from the property of the County.

(Z) Access to Work: The County shall at all times have access to the Work wherever it is in preparation or progress and the Design/Builder shall provide proper facilities for such access without formality or other procedures.

(AA) Decisions Regarding Aesthetic Effect: Owner's decisions in matters relating to aesthetic effect shall be final if consistent with the intent of the Contract.

(BB) Design/Builder to Remain an Independent Contractor: In the performance of the Contract, Design/Builder's status as an independent contractor shall not be modified or diminished by reason of any instructions issued by Owner or Owner's Representative to Design/Builder or any of Design/Builder's employees, Subcontractors, or representatives.

(CC) Assignments: The Design/Builder shall not assign the whole or any part of this Contract or any monies due or to become due hereunder without written consent of the County.

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ARTICLE 10 CONTRACT PRICE

(A) Contract Price: Owner shall pay, and Design/Builder shall accept, as full and complete payment for the Design Services, the performance of all Work required by the Contract, and the performance of all requirements of this Agreement, the Contract Price. The Contract Price shall be an amount not to exceed \$XXXXXXXXXXXX dollars (\$XXXXXXXXXXXX).

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ARTICLE 11

PAYMENT OF THE CONTRACT PRICE

(A) Payment Procedure: Owner shall pay the Contract Price to Design/Builder in accordance with the procedures set forth in this Article 11.

Partial payments to the Design/Builder shall be made monthly, based on the value of work completed as provided in the Contract Documents, plus the value of materials and equipment suitably stored, insured and protected at the construction site.

Payment to the Design/Builder shall be made within thirty (30) days of submission by the Design/Builder of a duly certified and approved estimate of work performed during the preceding calendar month, less the amount of retainage. The estimate shall be submitted on or before the thirtieth (30th) day following the month in which the Work was performed. The amount of retainage shall be as follows:

(1) Ten (10%) percent of each progress payment shall be withheld as retainage until the value of fifty (50%) percent of the Contract Price, including change orders and other authorized additions provided in the Contract is due;

(2) When fifty (50%) percent of the contract value, as described above, becomes due and the manner of completion of the contract work and its progress are reasonably satisfactory to the County, the withholding of retainage shall be discontinued. If after discontinuing the retention, the County determines that the Work is unsatisfactory or has fallen behind schedule, retention may be resumed at the previous level.

(3) When the Work is substantially complete (operational or beneficial occupancy) and the County determines the Work to be reasonably acceptable, the Design/Builder shall submit an invoice or other documents as may be required and receive payment thereof within thirty (30) days. If there are any remaining incomplete minor items, an amount equal to two hundred (200%) percent of the value of each item, as determined by the County, shall be withheld until such items are completed.

(4) This Contract is governed by O.C.G.A. § 13-10-80, which requires that the Design/Builder, within ten (10) days of receipt of retainage from DeKalb County, pass through payments to Subcontractors and reduce each Subcontractor's retainage accordingly. The Code provision also requires Subcontractors to pass through payments to Lower Tier Subcontractors and reduce each lower tier contractor's retainage. Therefore, DeKalb County, in its discretion, may require the Design/Builder to submit satisfactory evidence that all payrolls, material bills, or other indebtedness connected with the Work have been paid before making any payment. Within sixty (60) days after the Work is fully completed and accepted by the County, the balance due hereunder shall be paid; provided, however, that final payment shall not be made until said Design/Builder shall have completed all work necessary and reasonably incidental to the Contract, including final cleanup and restoration.

(5) Owner shall be entitled to rely upon the accuracy and completeness of the information furnished by Design/Builder in connection with its request for payment. Owner shall have the right, however, upon demand, to make a detailed examination, audit or

inspection of Design/Builder's books and records for the purpose of verifying the accuracy and completeness of such information. In the event Owner determines that Design/Builder has been paid any sums not due Design/Builder, same shall be reimbursed by Design/Builder to Owner within forty-eight (48) hours of demand by Owner.

(6) Notwithstanding any other provision in the Contract Documents, final payment shall not be made to Design/Builder until Design/Builder has fully performed all of its obligations under the Contract and the Design Services and the Work are fully complete.

(B) Owner's Review of Pay Requests: Owner shall have the right to review all pay requests and the Design Services and the Work at the Project site or elsewhere to determine whether the quantity and quality of the Work and the Design Services is as represented in the pay request and as required by the Contract.

(C) Conditions Precedent To Payment: In addition to all other conditions precedent contained herein, it shall be a condition precedent to payment of any pay request that Design/Builder have submitted updated schedules for the performance of its Work and Design Services as required by this Agreement and that Design/Builder shall have furnished to Owner properly executed waivers of lien, in a form acceptable to Owner, from all Subcontractors, materialmen, Suppliers or others having lien rights, wherein they shall acknowledge receipt of all sums due pursuant to all prior pay requests and waive and relinquish any liens or lien rights relating thereto.

(D) Title Passes Upon Payment: Design/Builder warrants and represents that upon payment of any pay request submitted by Design/Builder, title to all Work covered by the pay request shall immediately pass to Owner. All equipment, materials, and work covered by progress payments shall, upon payment thereof, become the sole property of the County, but this provision shall not be construed as relieving the Design/Builder from the sole responsibility for the care and protection of materials and work upon which payments have been made, or the restoration of any damaged work.

(E) Payment Not a Waiver or Acceptance: No payment to Design/Builder, nor any use or occupancy of the Project by Owner, shall be interpreted or construed to constitute acceptance of any Work not in strict compliance with the Contract, and Design/Builder expressly accepts the risk that defective Work may not be detected (1) during any inspection by Owner, (2) prior to making of any payment to Design/Builder, or (3) before Owner's occupancy of the Project.

(F) Withholding of Payment: Owner shall have the right to refuse to make payment and, if necessary, may demand the return of a portion or all of the amount previously paid to Design/Builder in an amount then believed by Owner to be adequate to cover the penalties, damages, and potential losses resulting or likely to result from:

(1) The quality of a portion, or all, of Design/Builder's Work not being in accordance with the requirements of this Contract;

(2) The quantity of Design/Builder's Work not being as represented in Design/Builder's pay request, or otherwise;

(3) Design/Builder's rate of progress being such that, in Owner's opinion, Substantial Completion, Final Completion, or both, may be unexcusably delayed;

(4) Design/Builder's failure to use Contract funds, previously paid Design/Builder by Owner, to pay Design/Builder's Project-related obligations including, but not limited to, Subcontractors, laborers and material and equipment Suppliers;

(5) Evidence that the balance of the Work cannot be completed in accordance with the Contract for the unpaid balance of the Contract Price;

(6) Claims made, or likely to be made, against Owner or its property;

(7) Loss caused by Design/Builder; Design/Builder's failure or refusal to perform any of its obligations to Owner. In the event that Owner makes written demand upon Design/Builder for amounts previously paid by Owner as contemplated in this Paragraph 11(H), Design/Builder shall promptly comply with such demand.

(G) Unexcused Failure to Pay: If Owner, without cause or basis hereunder, fails to pay Design/Builder any amounts due and payable to Design/Builder within thirty (30) days after the date established herein for payment of such amounts, then Design/Builder may suspend its Design Services or, as applicable, the Work until payment is made, provided that Design/Builder first gives ten (10) days' written notice to Owner of its intent. Any payment due hereunder which is not made within thirty (30) days after the date due shall bear interest at the rate of 7 percent (7%) per annum.

(H) Payments to Design/Builder: Cost Breakdown - The Design/Builder shall be prepared to submit a cost breakdown immediately after the opening of Bids. Cost breakdown shall be based on values of parts of the Work as divided according to sections of the Specifications, and shall be further subdivided into labor and materials.

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ARTICLE 12

SUBSTANTIAL AND FINAL COMPLETION

(A) Substantial Completion: “Substantial Completion” means that stage in the progression of the Work, as approved by Owner in writing, when the Project is sufficiently complete in accordance with the Contract that Owner can enjoy beneficial use or occupancy of the entire Project and can utilize it for all of its intended purposes. A condition precedent to Substantial Completion is the receipt by Owner of all necessary certificates of occupancy or other authorizations for the use and occupancy of the Project required by any governmental or regulatory authority. Owner reserves the right to occupy and use any part, phase or system of the Project when such part, phase or system is substantially completed, but such partial use or occupancy of the Project shall not result in the Project being deemed substantially complete, and such partial use or occupancy shall not be evidence of Substantial Completion.

(B) Determination of Substantial Completion: When Design/Builder believes that the Work is substantially complete, Design/Builder shall notify Owner in writing and shall submit to Owner a list of items remaining to be completed or corrected. Owner will perform an inspection and if the Work is substantially complete in the opinion of Owner, Owner will prepare a Certificate of Substantial Completion which shall establish the date of Substantial Completion. The Certificate of Substantial Completion shall state the responsibilities of Owner and Design/Builder for Project security, maintenance, heat, utilities, damage to the Work, and insurance, and shall fix the date, 30 days hence, within which Design/Builder shall complete any items of incomplete or defective Work. The Certificate of Substantial Completion shall be submitted to Design/Builder for its written acceptance of the responsibilities assigned to it in such certificate.

(C) Final Completion: “Final Completion” means the completion of all Design Services and all Work required by, and in strict compliance with, the Contract, including Design/Builder’s provision to Owner of all documents and things required to be provided by the Contract.

(D) Determination of Final Completion: When Design/Builder believes that all of the Work is finally complete, and Design/Builder is ready for a final inspection, Design/Builder shall so notify Owner in writing. Owner will then make final inspection of the Work and, if the Work is complete in strict accordance with the Contract, and the Contract has been fully performed, then Owner will issue a Certificate for Final Payment, providing for payment of the remainder of the Contract Price, less any amount withheld pursuant to the Contract.

(E) Conditions Precedent to Final Payment: Prior to being entitled to receive final payment, and as a condition precedent thereto, Design/Builder shall furnish Owner, in the form and manner required by Owner, the following:

- (1) An affidavit that all of Design/Builder’s obligations to Subcontractors, laborers, equipment or material Suppliers, or other third parties in connection with the Project, have been paid or otherwise satisfied;
- (2) If required by Owner, separate releases of lien or lien waivers from each Subcontractor, lower tier subcontractor, laborer, Supplier or other person or entity who has, or might have a claim against Owner or Owner’s property;

- (3) If applicable, consent(s) of Surety to final payment;
- (4) A complete set of the as-built drawings and the record set of Contract Documents;
- (5) All product warranties, operating manuals, instruction manuals and other record documents, drawings and things customarily required of a contractor, or expressly required herein, as a part of or prior to Project closeout.

(F) Acceptance of Final Payment a Waiver: Acceptance by Design/Builder of final payment shall constitute a waiver and release of all claims against Owner by Design/Builder except for those claims previously made in writing against Owner by Design/Builder, pending at the time of final payment and specifically identified on Design/Builder's pay request for final payment as unsettled at the time it submits its pay request.

(G) Final Payment:

(1) Before final payment to the Design/Builder of the percentage retained by the County, the following requirements shall be complied with:

a. Final Inspection: Upon notice from the Design/Builder that Design/Builder's work is completed, the Owner shall make a final inspection of the Work, and shall notify the Design/Builder of all instances where Design/Builder's work fails to comply with the Drawings and Specifications, as well as any defects Design/Builder may discover. The Design/Builder shall immediately make such alterations as are necessary to make the Work comply with the Drawings and Specifications. Failure of the Owner to notify the Design/Builder of any defect or deficiency in the Work and/or failure of the Work to comply with the Drawings and Specifications shall not release or discharge the Design/Builder from any of its duties or obligations under this Agreement.

b. Final Payment: When the Work under this Contract is completed, a final payment request shall be submitted representing the original Contract Price and Change Orders to the Contract. The final payment shall not be due until the Design/Builder shall have completed all work necessary and reasonably incidental to the Contract, including final clean-up.

(2) Acceptance of the Work and the making of final payment shall not constitute a waiver of any claims by the County. Payments otherwise due the Design/Builder may be withheld by the County because of defective work not remedied and unadjusted damage to others by the Design/Builder or Subcontractors, vendors, or laborers.

(3) Requests for final payment must be submitted within sixty (60) days after the Work has been completed and accepted by the County. All requests for final payment are subject to final approval and audit by the Board of Commissioners of DeKalb County.

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ARTICLE 13

OWNER’S DUTIES, OBLIGATIONS, AND RESPONSIBILITIES

In addition to payment, Owner shall undertake to perform the following:

(A) Provide Project Information: Owner shall provide Design/Builder with information regarding Owner’s requirements for the Project including any desired or required design or construction schedule.

(B) Review of Documents: Owner shall review any documents submitted by Design/Builder requiring Owner’s decision, and shall render any required decisions pertaining thereto.

(C) Provide Notice of Defects: In the event Owner knows of any material fault or defect in the Work, nonconformance with the Contract, or of any errors, omissions or inconsistencies in the Design Documents, then Owner shall give prompt notice thereof to Design/Builder.

(D) Access to the Site and the Work: Owner shall provide Design/Builder access to the site and to the Work, and shall provide Design/Builder with such information, existing and reasonably available, necessary to Design/Builder’s performance of the Contract as Design/Builder may request.

(E) Cooperation to Secure Permits, Licenses, Approvals, and Authorizations: Owner shall cooperate with Design/Builder in securing any necessary licenses, permits, approvals or other necessary authorizations for the design, construction and certification of the Project.

(F) Timely Performance: Owner shall perform the duties set forth in this Article 13 in a reasonably expeditious fashion so as to permit the orderly and timely progress of Design/Builder’s Design Services and of the Work.

(G) Owner’s Reviews, Inspections, Approvals, And Payments Not a Waiver: Owner’s review, inspection, or approval of any Work, Design Documents, Submittals, or pay requests by Design/Builder shall be solely for the purpose of determining whether such Work and such documents are generally consistent with Owner’s construction program and requirements. No review, inspection, or approval by Owner of such Work or documents shall relieve Design/Builder of its responsibility for the performance of its obligations under the Contract or the accuracy, adequacy, fitness, suitability, or coordination of its Design Services or the Work. Approval by any governmental or other regulatory agency or other governing body of any Work, Design Documents, or Contract Documents shall not relieve Design/Builder of responsibility for the strict performance of its obligations under the Contract. Payment by Owner pursuant to the Contract shall not constitute a waiver of any of Owner’s rights under the Contract or at law, and Design/Builder expressly accepts the risk that defects in its performance, if any, may not be discovered until after payment, including final payment, is made by Owner.

(H) Delay or Forbearance Not Waiver: Owner’s agreement not to exercise, or its delay or failure to exercise, any right under the Contract or to require strict compliance with any obligation

of Design/Builder under the Contract shall not be a waiver of the right to exercise such right or to insist on such compliance at any other time or on any other occasion.

(I) Documents Requested by Design/Builder: Owner shall furnish to Design/Builder, prior to the execution of this Agreement, any and all written and tangible material knowingly in its possession concerning conditions below ground at the site of the Project. Such written and tangible material is furnished to Design/Builder only in order to make complete disclosure of such material and for no other purpose. By furnishing such material, Owner does not represent, warrant, or guarantee its accuracy or completeness either in whole or in part, and shall have no liability therefor. If Design/Builder requests in writing, Owner shall also furnish surveys, legal limitations, and utility locations (if known), and a legal description of the Project site.

(J) Approvals and Easements: Owner shall obtain all easements required for construction, and shall pay for necessary assessments and charges required for use and occupancy of the Work. Design/Builder shall render such assistance as Owner may request in obtaining such easements, certificates of occupancy, and the like.

(K) Right to Stop Work: In the event Design/Builder fails or refuses to perform the Work in strict accordance with the Contract, or is otherwise in breach of this Contract in any way, Owner may, at its option, instruct Design/Builder to cease and desist from performing further Work, or any part thereof. Upon receipt of such instruction from Owner in writing, Design/Builder shall immediately cease and desist as instructed by Owner and shall not proceed further until the cause for Owner's instructions has been corrected, no longer exists, or Owner instructs that the Work may resume.

(L) Owner's Right to Perform Work: In the event Owner issues such instructions to stop Work, and in the further event that Design/Builder fails and refuses within seven (7) days of receipt of same to provide adequate assurance to Owner that the cause of such instructions will be eliminated or corrected, then Owner shall have the right to carry out the Work with its own forces, or with the forces of other contractors, and Design/Builder shall be fully responsible for the costs incurred in correcting any defective or deficient Work. The rights set forth in Paragraph 13(K) and this Paragraph 13(L) are in addition to, and without prejudice to, any other rights or remedies Owner may have against Design/Builder, including the rights to terminate or withhold payment as provided herein.

(M) Owner's Representative: "Owner's Representative" means the individual named by Owner, in writing, to act on Owner's behalf in the administration of the Contract.

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ARTICLE 14 PROJECT DOCUMENTATION

(A) Maintenance of Project-Related Records: Design/Builder shall maintain and protect all records relating in any manner whatsoever to the Project (the “Project Records”) for no less than seven (7) years after Final Completion of the Project, and for any longer period of time as may be required by law or good management practice.

(B) Availability of Project-Related Records to Owner: All Project Records which are in the possession of Design/Builder or Design/Builder’s Subcontractors shall be made available to Owner for inspection and copying upon Owner’s request at any time. Additionally, such records shall be made available upon request by Owner to any state, federal or other regulatory authorities, and any such authority may review, inspect and copy such records. The Project Records include, without limitation, all drawings, plans, specifications, Submittals, correspondence, logs, minutes, memoranda, photographs, tape or videotape recordings, or other writings or things which document the Project, its design, or its construction. Said records include those documents reflecting the cost of design and construction to Design/Builder.

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ARTICLE 15

PERSONNEL, SUBCONTRACTORS AND SUPPLIERS

(A) Subcontractor Defined: A “Subcontractor” means an entity which has a direct contract with Design/Builder to perform a portion of the Work or the Design Services. For purposes of the Contract, Subcontractors shall also include those furnishing specially fabricated equipment and materials for the Project. The Design/Builder understands and agrees that it shall be a breach of this Contract to subcontract any portion of the Work on this Project unless the Work and the contractor proposed to perform it have been declared in the Proposal to the Contract; or the Design/Builder shall have obtained written approval from the County.

THE DESIGN/BUILDER FURTHER UNDERSTANDS AND AGREES THAT ANY WORK ON THIS PROJECT WHICH THE DESIGN/BUILDER SECURES IN VIOLATION OF THIS PROVISION SHALL BE DEEMED A GRATUITY FROM THE DESIGN/BUILDER FOR WHICH DEKALB COUNTY SHALL NOT BE OBLIGATED TO PAY.

Nothing contained in this Contract shall create any contractual relation between any Subcontractor and the County.

(B) Supplier Defined: A “Supplier” means an entity providing only equipment or materials for the performance of the Work.

(C) Objections to Subcontractors: Design/Builder shall furnish Owner, in writing, the names of persons or entities proposed by Design/Builder to act as Subcontractors on the Project. Design/Builder shall provide such information regarding such proposed Subcontractors as Owner deems necessary. Design/Builder shall not enter into a subcontract with an intended Subcontractor with reference to whom Owner objects. Any consent or failure to reject by Owner shall in no way relieve Design/Builder of any of its duties or warranties under the Contract.

(D) Terms of Subcontracts: All subcontracts and purchase orders with Subcontractors shall afford Design/Builder rights against the Subcontractor which correspond to those rights afforded to Owner against Design/Builder herein, including those rights of Contract suspension, termination, and stop Work orders as set forth herein. It is expressly agreed that no relationship of agency, employment, contract, obligation or otherwise shall be created between Owner and any Subcontractor of Design/Builder and a provision to this effect shall be inserted into all agreements between Design/Builder and its Subcontractors.

(E) Design/Builder Responsible For Acts of Its Subcontractors: Should Design/Builder subcontract all or any part of the Work, such subcontracting of the Work shall not relieve Design/Builder from any liability or obligation under the Contract or under any applicable policy, law or regulation, and Design/Builder shall be responsible for all and any acts, defaults, omissions or negligence of its Subcontractors, Suppliers, and consultants.

(F) Removal of Subcontractors and Personnel: If, at any time during the course of the Project, Owner reasonably determines that the performance of any Subcontractor or any member of Design/Builder’s staff working on the Project is unsatisfactory, Owner may require Design/Builder to remove such Subcontractor or staff member from the Project immediately and replace the staff member at no cost or penalty to Owner for delays or inefficiencies the change may cause.

(G) Design/Builder's Personnel:

(1) The Design/Builder will supervise and direct the Work. Design/Builder will be solely responsible for the means, methods, techniques, sequences, and procedures of construction. An experienced Superintendent and necessary assistants competent to supervise the particular types of work involved shall be assigned to the Project by the Design/Builder, and shall be available at all times when work is in progress. The name of the Superintendent shall be submitted with qualifications of same prior to start of the Work and shall be approved by the Owner prior to start of the Work. The Superintendent so named by the Design/Builder shall be employed by the Design/Builder and shall have served in a supervisory capacity on at least one Project of like description and size performed by the Design/Builder during the previous twelve months. Under no circumstances shall an employee of any Subcontractor serve as Project Superintendent. The Superintendent shall represent the Design/Builder, and all directions given to the Superintendent shall be as binding as if given to the Design/Builder.

(2) Only persons skilled in the type of work which they are to perform shall be employed. The Design/Builder shall, at all times, maintain discipline and good order among Design/Builder's employees, and shall not employ on the Work any unfit person or persons or anyone unskilled in the work assigned him.

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ARTICLE 16

CHANGES AND EXTENSIONS OF TIME

(A) Definition of Change Order: “Change Order” shall mean a written order to the Design/Builder authorizing an addition, deletion, or revision in the Work within the general scope of the Contract Documents, or authorizing an adjustment in the Contract Price or Contract Time, as approved by the DeKalb County Board of Commissioners, or the Chief Executive Officer, if exempted from Governing Authority adoption and approval in accordance with the express terms of this Contract. The County’s Chief Executive Officer or his/her designee shall have authority to approve a change order in a total amount less than \$100,000.00.

Design/Builder acknowledges that Change Orders may require the approval of the DeKalb County Board of Commissioners. Design/Builder agrees that Owner may have no less than thirty-one (31) days in which to seek approval by said Board of any proposed or required Change Order. In no event, and under no circumstances, shall Design/Builder make any claim for delay, acceleration, interference, or other claim for damages, cost or expense arising out of, or relating to, the time required to secure the approval or rejection of any Change Order, so long as said approval or rejection is made by the Board within thirty-one (31) days after submission of a proposed Change Order by Design/Builder.

(B) Changes in the Work:

(1) The County may at any time, as the need arises, order changes within the scope of the Work without invalidating the Agreement. If such changes increase or decrease the amount due under the Contract Documents, or in the time required for performance of the Work, an adjustment may be authorized by Change Order.

(2) The Owner, also, may at any time, by issuing a Field Order make changes in the details of the Work. The Design/Builder shall proceed with the performance of any changes in the Work so ordered by the Owner unless the Design/Builder believes that such Field Order entitles Design/Builder to a change in Contract Price or Time, or both, in which event Design/Builder shall give the Owner written notice thereof within fifteen days after the receipt of the ordered change, and the Design/Builder shall not execute such changes pending the receipt of an executed Change Order or further instruction from the County.

(3) The Contract Price may be changed only by a Change Order. The value of any work covered by a Change Order or of any claim for increase or decrease in the Contract Price shall be determined by one or more of the following methods in the order of precedence listed below.

a. Unit prices previously approved.

b. An agreed sum.

c. The actual cost for labor, direct overhead, materials, supplies, equipment, and other services necessary to complete the Work. In addition, there shall be added an amount agreed upon but not to exceed fifteen percent of the actual cost of such work to cover the cost of general overhead and profit.

(C) **Modification:** This Agreement may be modified or amended by the County to reduce the scope of work or Project description upon seven (7) days written notice; the written notice shall be sent to the Design/Builder addressed as follows:

Contractor:

Address:

Attn:

All notices shall be sent via (a) registered or certified United States mail, return receipt requested, postage prepaid, (b) personal delivery, or (c) overnight courier service. All notices sent to the Design/Builder's address shall be binding upon the Design/Builder unless said address is changed by the Design/Builder in writing to the County.

(D) **Continuing Duty to Perform Work and Make Payment:** In the event the parties are unable to agree on the terms of a Change Order, then Design/Builder shall continue to diligently perform the Design Services and the Work, including any change directed by Owner by Change Order, and shall keep thorough records of the cost of performance of such Change Order.

(E) **Changes in Unit Prices:** If unit prices are provided in the Contract, and if the quantities contemplated are changed in a proposed Change Order such that an application of the unit prices to the quantities of Work proposed will cause substantial inequity to Owner or to Design/Builder, the applicable unit prices may be equitably adjusted.

(F) **Price Escalations and Price Reductions**

(1) Price Escalations

- a. During the life of the contract, the Contractor shall furnish price lists to the County for increases, and those of the proposer's/Contractor's subcontractor/supplier (e.g., factory) increases, as prices change.
- b. The Contractor must also provide a list of the subcontractors/suppliers (e.g., factory's) previous price (s) to the County for purposes of comparison.
- c. Price changes will be in effect only after receipt and approval by the Director of the Department of Purchasing and Contracting.
- d. Price lists and changes thereto are to be furnished under the contract and without charge to the County. Catalogue (s) or Price List (s) must be submitted to the Department of Purchasing and contracting, Maloof Administration Building, 1300 Commerce Drive, 2nd Floor, Decatur, Georgia 30030.
- e. Contractor certifies, the prices in this contract have been arrived at independently, without consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor.

(2) Price Reductions

- a. If at any time after the date of award, the Contractor makes a general price reduction in the comparable price of any article or service covered by the contract to customers generally, an equivalent price reduction based on similar quantities and/or considerations shall apply to the contract for the duration of the contract period (or until the price is further reduced). Such price reduction shall be effective at the same time and in the same manner as the reduction in the price to customers generally. For purposes of this paragraph, a general price reduction shall mean any reduction in the price of an article or service offered:
- to Contractor's customers.
 - in the Contractor's price schedule for the class of customers; i.e., wholesalers, jobbers, retailers, etc., which was used as the basis for bidding on this contract.

The Contractor shall invoice the County at such reduced price indicating on the invoice that the reduction is pursuant to Price Escalations and Reductions, paragraph X. as stated within this agreement.

(G) Minor Changes: Owner shall have authority to order minor changes in the Work not involving a change in the Contract Price nor extension of the Contract Time and not inconsistent with the intent of the Contract. Such minor changes shall be made by written Field Order, and Design/Builder shall promptly carry out such written Field Orders.

(H) Effect of Executed Change Order: The execution of a Change Order by Design/Builder shall constitute conclusive evidence of Design/Builder's agreement to the ordered changes in the Design Services or the Work and the Contract Time, if any, as thus amended.

(I) Consent of Surety: Design/Builder shall notify and obtain the consent and approval of Design/Builder's surety with reference to all Change Orders if such notice, consent or approvals are required by Owner, Design/Builder's surety or by law. Design/Builder's execution of the Change Order shall constitute Design/Builder's warranty to Owner that the surety has been notified of, and consents to, such Change Order and the surety shall be conclusively deemed to have been notified of such Change Order and to have expressly consented thereto.

(J) Fiduciary Relationship: Design/Builder recognizes and accepts a fiduciary relationship of trust and confidence hereby established between Design/Builder and Owner and agrees that it shall at all times in good faith use its best efforts to advance Owner's interests and agrees to perform the Design Services and the Work in the best professional manner.

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ARTICLE 17

CLAIMS BY DESIGN/BUILDER

(A) Terms and Conditions of Claims: Claims by Design/Builder against Owner are subject to the terms and conditions of this Article 17, and strict compliance herewith shall be a condition precedent to any liability of Owner therefor.

(B) Notice of Claim: All Design/Builder claims, disputes and other matters in question against Owner arising out of or related to the Contract or the breach thereof, including without limitation claims in respect of changes in the Contract Price or Contract Time, shall be initiated by a written notice of claim submitted to Owner. Such written notice of claim shall be received by Owner no later than seven (7) days after the event, or the first appearance of the circumstances, causing the claim, and same shall set forth in detail all known facts and circumstances supporting the claim including the amount claimed. Design/Builder agrees and acknowledges that its failure to provide written notice of a claim as set forth herein shall constitute a waiver of any claim for additional compensation or time extension related thereto.

(C) Documentation in Support of Claims: Upon discovering an event or condition forming the basis of a claim for an increase in the Contract Price or an extension of the Contract Time, Design/Builder shall, until the claim is resolved, commence to maintain separate records evidencing all costs and delays incurred in connection with the event or condition forming the basis for the claim. Formal Written Claim: No later than thirty (30) days after the date of the written notice of claim, Design/Builder shall submit a formal written claim which shall include at least the following information: (1) a concise statement of the occurrence(s) supporting the claim, dispute or other matter, and the relief sought; (2) identification of the facts giving rise to the claim dispute or other matter; (3) the date Design/Builder discovered the occurrence(s); (4) a detailed schedule identifying all costs resulting from the claim, dispute or other matter; (5) documentation supporting the schedule; (6) identification of any impact the claim, dispute or other matter has on the critical path schedule; and (7) all correspondence, internal memoranda, progress notes, and other documentation relating to the events which form the basis of the claim, dispute or other matter. The claim shall be verified as to its truthfulness and accuracy, under oath, by an officer of the Design/Builder. Other information or documents shall be submitted to Owner within ten (10) days after written request by Owner. The failure to provide a claim as set forth herein, or the failure to provide such other documents or information requested by Owner within ten (10) days after the written request shall constitute a waiver of any claim for additional compensation or time extension related thereto.

(D) Continuous Duty to Provide Documentation: Design/Builder shall provide, and continue to provide, to Owner all such documentation, including cost and time records, as and when Owner may request so that Owner may evaluate Design/Builder's claim.

(E) Duty to Continue Performance: Design/Builder and Owner shall continue their performance hereunder regardless of the existence of any claims submitted by Design/Builder.

(F) Claims for Increase in Contract Price: In the event Design/Builder seeks to make a claim for an increase in the Contract Price, as a condition precedent to any liability of Owner therefor, Design/Builder shall strictly comply with the requirements of Paragraph 17(B) above and

such notice shall be given by Design/Builder before proceeding to execute any additional or changed Work. Failure of the condition precedent to occur shall constitute a waiver by Design/Builder of any claim.

(G) Limit of Owner's Liability for Increased Costs: In connection with any claim by Design/Builder against Owner for compensation in excess of the Contract Price, any liability of Owner shall be strictly limited to the Cost of the Work and Services as defined and allowed in Paragraph 10(A) hereinabove and shall in no event include, indirect, consequential, impact or other costs, expenses or damages of Design/Builder or its Subcontractors. Owner shall not be liable to Design/Builder for claims of third parties, including Subcontractors, for acts, omissions, events, or conditions for which Owner would not be liable to Design/Builder under the terms of the Contract. As a condition precedent to Owner's liability to Design/Builder for any loss or damage resulting from claims of third parties, including Subcontractors, such third parties must have complied with all conditions contained in their agreements with Design/Builder and such claims must have been submitted to Owner by Design/Builder in strict compliance with all the requirements of this Article 17. Owner shall not be liable to Design/Builder for claims of third parties including Subcontractors, unless and until the liability of Design/ Builder therefor has been established in a court of competent jurisdiction.

(H) Claims for Increase in Contract Time: If Design/Builder is delayed in progressing any task which at the time of the delay is then critical or which during the delay becomes critical, as the sole result of any act or neglect to act by Owner or someone acting in Owner's behalf, or by changes ordered in the Design Services or the Work, unusually bad weather not reasonably anticipatable, fire or other Acts of God, then the date for achieving Substantial Completion, or, as applicable, Final Completion, shall, subject to the provisions of Paragraph 17(J) below, be appropriately adjusted by Owner upon the written notice and claim of Design/Builder to Owner for such reasonable time as Owner may determine. A task is critical within the meaning of this Paragraph 17(I) if, and only if, said task is on the critical path of the Project schedule so that a delay in performing such task will delay the ultimate completion of the Project. As a condition precedent to any right to an extension of time, Design/Builder shall strictly comply with the requirements of Paragraph 17(B) above and such notice shall be given by Design/Builder before proceeding to execute any additional or changed Design Services or Work. If Design/Builder fails to give such notice, any claim for an extension of time shall be waived. In the event the delay to Design/Builder is a continuing one, only one notice and claim for additional time shall be necessary, provided the continuing nature of the delay is indicated in the notice and claim.

(I) Owner's Right to Order Acceleration and to Deny Claimed and Appropriate Time Extensions, in Whole or in Part: Design/Builder acknowledges and agrees that Substantial Completion of the Work by or before the Scheduled Completion Date is of substantial importance to Owner.

(1) Owner shall accordingly have the right in its sole discretion to order Design/Builder to accelerate its progress in such a manner as to achieve Substantial Completion on or before such date as Owner may reasonably direct and, upon receipt, Design/Builder shall comply with such order.

(2) In the event that Design/Builder is otherwise entitled to an extension of Contract Time and has made claim therefor in accordance with Paragraph 17(I) above, Owner shall have the right in its sole discretion to deny all, or any part, of such extension of Contract Time by written notice to Design/Builder provided within seven (7) days of receipt of Design/Builder's claim. Should Owner deny Design/Builder's claim for an extension of Contract Time under this Subparagraph (2), either in whole or in part, Design/Builder shall proceed to prosecute the Work in such a manner as to achieve Substantial Completion on or before the then existing Scheduled Completion Date.

(J) Claims Resolved By Change Order: The resolution of any claim under this Article 17 shall be reflected by a Change Order executed by Owner and Design/Builder.

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ARTICLE 18 UNCOVERING AND CORRECTING WORK

(A) Design/Builder not to Cover Work Contrary to Requirements: If any of the Work is covered, concealed or obscured contrary to the written request of Owner, or contrary to any provision of the Contract, said Work shall, if required by Owner, be uncovered for inspection and shall be properly replaced at Design/Builder's expense without change in the Contract Time.

(B) Owner's Right to Order Uncovering of Any Work: If any of the Work is covered, concealed or obscured in a manner not inconsistent with Paragraph 18(A) above, it shall, if required by Owner, be uncovered for inspection. If such Work conforms strictly to the Contract, the cost of uncovering and proper replacement shall be charged to Owner. If such Work does not strictly conform to the Contract, Design/Builder shall pay the cost of uncovering and proper replacement.

(C) Guarantee and Correction of Work: The Design/Builder shall guarantee all work to have been accomplished in conformance with the Contract Documents. Neither the final certificate of payment nor any provision of the Contract Documents, nor partial or entire occupancy or use of the Work by the County, shall constitute an acceptance of any part of the Work not done in accordance with the Contract Documents, or relieve the Design/Builder of liability for incomplete or faulty materials or workmanship. The Design/Builder shall promptly remedy any omission or defect in the Work and pay for any damage to other Replacement or facilities resulting from such omission or defect which shall appear within a period of twelve (12) months from the date of final completion, unless a longer period is elsewhere specified. In the event that the Design/Builder should fail to make repairs, adjustments, or other remedy that may be made necessary by such defects, the County may do so and charge the Design/Builder the cost thereby incurred. The Performance Bond shall remain in full force and effect through all warranties contained in the Contract Documents.

(D) Duty To Correct Defective Work Discovered After Completion: In addition to its warranty obligations set forth elsewhere herein, Design/Builder shall be specifically obligated to correct at its cost and expense any and all defective or nonconforming Work for a period of twelve (12) months following Final Completion upon written direction from Owner. This obligation shall survive final payment by Owner and termination of the Contract.

(E) No Period of Limitation Established: Nothing contained in Paragraphs 18(C) and 18(D) shall establish any period of limitation with respect to other obligations which Design/Builder has under the Contract. Establishment of the twelve (12) month time period in Paragraphs 18(C) or 18(D) above relates only to the duty of Design/Builder to specifically correct the Work.

(F) Owner's Option to Accept Defective Work: Owner may, but shall in no event be required to, choose to accept defective or nonconforming Work. In such event, the Contract Price shall be reduced by the reasonable costs of removing and correcting the defective or nonconforming Work. Owner shall be entitled to such reduction in the Contract Price regardless of whether Owner has, in fact, removed and corrected such defective Work. If the unpaid balance of the Contract Price, if any, is insufficient to compensate Owner for the acceptance of defective or nonconforming Work, Design/Builder shall, upon written demand from Owner, pay Owner such additional compensation for accepting defective or nonconforming Work.

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SAMPLE

ARTICLE 19 SUSPENSION AND TERMINATION

(A) Suspension of Performance: Owner may for any reason whatsoever suspend performance under the Contract. Owner shall give written notice of such suspension to Design/Builder specifying when such suspension is to become effective.

(B) Ceasing Performance upon Suspension: From and upon the effective date of any Suspension ordered by Owner, Design/Builder shall incur no further expense or obligations in connection with the Contract, and Design/Builder shall cease its performance. Design/Builder shall also, at Owner's direction, either suspend or assign to Owner any of its open or outstanding subcontracts or purchase orders.

(C) Claim for Costs of Suspension: In the event Owner directs a suspension of performance under this Article 19, through no fault of Design/Builder, and provided Design/Builder submits a proper claim as provided in this Agreement, Owner shall pay Design/Builder as full compensation for such suspension Design/Builder's reasonable costs, actually incurred and paid, of:

- (1) Demobilization and remobilization, including such costs paid to Subcontractors;
- (2) Preserving and protecting Work in place;
- (3) Storage of materials or equipment purchased for the Project, including insurance thereon;
- (4) Performing in a later, or during a longer, time frame than that contemplated by this Contract.

(D) Resumption of Work after Suspension: If Owner lifts the suspension it shall do so in writing, and Design/Builder shall promptly resume performance of the Contract unless, prior to receiving the notice to resume, Design/Builder has exercised its right of termination as provided herein.

(E) County's Right to Suspend or Terminate:

- (1) If the Design/Builder is adjudged bankrupt or insolvent, or if Design/Builder makes a general assignment for the benefit of Design/Builder's creditors, or if a trustee or receiver is appointed for the Design/Builder or for any of Design/Builder's property, or if Design/Builder files a petition to take advantage of any debtor's act or to reorganize under the bankruptcy or applicable laws, or if Design/Builder repeatedly fails to supply sufficient skilled workers or suitable materials or equipment, payments to Subcontractors or for labor, materials or equipment, or if Design/Builder disregards laws, ordinances, rules, regulations or orders of any public body having jurisdiction of the Work, or if Design/Builder otherwise violates any provision of the Contract Documents, then the County may, without prejudice to any other right or remedy and after giving the Design/Builder and Design/Builder's surety a maximum of seven days from delivery of a written notice, declare the Contract in default, take possession of the Project and of all materials, equipment, tools, construction equipment

and machinery thereon owned by the Design/Builder, and call upon the surety to finish the Work by whatever method deemed expedient.

(2) Where Design/Builder's services have been so terminated by Owner, the termination will not affect any rights or remedies of Owner against Design/Builder then existing or which may therefore accrue. Any retention or payment of moneys due Design/Builder by Owner will not release Design/Builder from liability. If the Design/Builder can establish or it is otherwise determined that the Design/Builder was not in default or that the failure to perform is excusable a termination for default will be considered to have been a termination for the convenience of the Owner and the rights and obligations of the parties governed accordingly.

(3) Upon seven days' written notice to Design/Builder, Owner may, for its own convenience and at its sole option, without cause and without prejudice to any other right or remedy of Owner, elect to terminate the Contract. In such case, Design/Builder shall be paid (without duplication of any items):

- a. For completed and acceptable work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such work;
- b. For expenses sustained in performing services and furnishing labor, materials, or equipment as required by the Contract Documents in connection with Uncompleted Work;
- c. For amounts paid in settlement of terminated contracts with Subcontractors and Suppliers;
- d. Reasonable expenses directly attributable to termination including, but not limited to, fees and charges of engineers, architects, attorneys and other professionals, and court costs;
- e. Design/Builder shall not be paid on account of anticipatory profits or overhead or consequential damages.

(F) Termination of Agreement: The County may unilaterally terminate this Agreement, in whole or in part, for the County's convenience, or because of failure of the Design/Builder to fulfill the obligations of this Agreement in any respect. The County shall terminate by delivering to the Design/Builder, with at least thirty (30) days' notice, a Notice of Termination specifying the nature, extent, and effective date of termination. If terminated by the County, the written notice shall be sent to the Design/Builder via (a) registered or certified United States mail, return receipt requested, postage prepaid, (b) personal delivery, or (c) overnight courier service, addressed as follows:

Contractor:

Address:

Attn:

All notices sent to the above address shall be binding upon the Design/Builder unless said address is changed by the Design/Builder in writing to the County. If this Agreement is so terminated, the Design/Builder shall be paid as provided in this Article 19.

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ARTICLE 20 OWNERSHIP OF DOCUMENTS

(A) Ownership of Documents: All documents, including drawings, estimates, specifications, and data are and remain the property of the County. The Design/Builder agrees that the County may reuse any and all plans, specifications, drawings, estimates, or any other data or documents described herein in its sole discretion without first obtaining permission of the Design/Builder and without any payment of any monies to the Design/Builder therefor. However, any reuse of the documents by the County on a different site shall be at its risk and the Design/Builder shall have no liability where such documents are reused. Any documents furnished by Owner shall remain the property of Owner. Design/Builder may be permitted to retain copies of the Design Documents and Contract Documents and any documents furnished by Owner for its records with approval in writing of Owner; provided, however, that in no event shall Design/Builder use, or permit to be used, any portion or all of such documents on other Projects without Owner's prior written authorization.

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ARTICLE 21 INDEMNITY

(A) From Personal Injury Or Damage To Tangible Property: Design/Builder shall indemnify and hold Owner and its affiliates, officers, directors and employees harmless from any and all claims, liability, damages, loss, cost and expense of every type whatsoever including, without limitation, attorneys' fees and expenses, in connection with Design/Builder's performance of this Contract, provided that such claims, liability, damage, loss, cost or expense is due to sickness, personal injury, disease or death, or to loss or destruction of tangible property (other than the Work itself), including loss of use resulting therefrom, to the extent caused by Design/Builder or anyone for whose acts Design/ Builder may be liable, regardless of whether such liability, claim, damage, loss, cost or expense is caused in part by Owner.

(B) From Violations of Laws, Environmental Requirements, Performance Guidelines, and Licensing Requirements: Design/Builder shall indemnify and hold harmless Owner and its affiliates, officers, directors, and employees from and against all claims, liabilities, damages, losses, costs, expenses (including reasonable attorney's fees and expenses, and fees and expenses of experts) for bodily injury, including death, or damage to or loss of property, or any other type or form of loss occurring or sustained or resulting from:

(1) Any violation by Design/Builder, its Subcontractors, representatives, employees, and agents of any municipal, state or federal laws, rules, or regulations applicable to the performance of its obligations under the Contract;

(2) Environmental violations or contamination from hazardous substances, hazardous wastes and emissions or other substances or chemicals regulated by any applicable environmental laws or regulations and resulting from any willful misconduct, negligent act or omission, or legal violation by Design/Builder, its Subcontractors, Suppliers, representatives, employees, or agents;

(3) The failure of any of Design/Builder's employees, agents, representatives, Suppliers, or Subcontractors to obtain and maintain the required skills, licenses, certificates and permits mandated by applicable federal, state or local governing authorities with jurisdiction over construction, fabrication, environmental, health and safety matters on the Project.

(C) Hazardous Materials: In the event Design/Builder discovers hazardous or contaminated materials, including but not limited to asbestos, PCBs, petroleum, hazardous waste, or radioactive material, Design/Builder shall stop all Work in connection with such hazardous condition and in any area affected thereby, and notify Owner of the discovery of said condition. Design/Builder shall strictly comply with all applicable laws, regulations, rules or other promulgations by governing bodies, agencies, authorities or organizations having jurisdiction over the Project or the discovery of said hazardous or contaminated material. Design/Builder shall secure the Work site to prevent access by unauthorized personnel. If Design/Builder fails to comply with this Paragraph 21(C) or contaminated, hazardous or suspected contaminated or hazardous material is transported (either on or off site) without notice to Owner, such materials shall become the

property of Design/Builder and Design/Builder shall be solely responsible for all costs and fines associated therewith.

(D) Indemnification Agreement: The Design/Builder shall be responsible from the time of signing the Contract, or from the time of the beginning of the first work, whichever shall be the earlier, for all injury or damage of any kind resulting from this work to persons or property, including employees and property of the County. To the fullest extent permitted by law, the Design/Builder shall exonerate, indemnify, and save harmless the County and its affiliates, officers, directors and employees from and against all claims or actions, and all expenses incidental to the defense of any such claims, litigation, and actions, based upon or arising out of damage or injury (including death) to persons or property caused by or sustained in connection with the performance of this Contract or by conditions created thereby or arising out of or any way connected with work performed under this Contract and shall assume and pay for, without cost to the County, the defense of any and all claims, litigations, and actions suffered through any act or omission of the Design/Builder, or any Subcontractor, or anyone directly or indirectly employed by or under the supervision of any of them. The Design/Builder expressly agrees to defend, through legal counsel acceptable to the County, against any claims brought or actions filed against the County, where such claim or action involves, in whole or in part, the subject of the indemnity contained herein, whether such claims or actions are rightfully or wrongfully brought or filed. Notwithstanding any language or provision in this Contract,

(1) With respect to any construction, alteration, repair, or maintenance services performed under this contract, Design/Builder shall not be required to indemnify any County Indemnatee against claims, actions, or expenses based upon or arising out of the County Indemnity's sole negligence; and

(2) With respect to any engineering, architectural, or land surveying services performed under this contract, Contractor's indemnity obligation extends only to claims, actions, or expenses based upon or arising out of the Contractor's negligence, recklessness, or intentionally wrongful conduct.

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ARTICLE 22 INSURANCE

(A) OCIP Insurance Coverage: In connection with the Work, and for the Contractor/Design/Builder and those subcontractors deemed eligible by the County for participation, the County will implement an Owner Controlled Insurance Program (“OCIP”), providing certain insurance coverages as detailed herein. The insurance coverages provided by the OCIP apply only to the Work performed on the Project site. The Design/Builder and its Subcontractors shall provide their own insurance for all off-site activities. The Builder’s Risk/All Risk Property Insurance component of the OCIP will expressly exclude coverage on Design/Builder’s and Subcontractors’ machinery, tools, and equipment not destined to become a part of the Project Work.

(B) OCIP Manual of Insurance Procedures: The OCIP coverage provided by the County shall be further detailed in, and the Design/Builder requirements with respect to the OCIP shall be described in, the General Liability Wrap-Up Manual (“the Manual”) to be incorporated into the Contract Documents and to be issued via an Exhibit to the Contract. This Manual includes information on the following OCIP coverages: Commercial General Liability, Excess Liability, and Builder’s Risk/All Risk Property Insurance.

Exclusion of Contractor/Design/Builder Insurance Costs

Because the County is providing specific limits of General Liability, Excess Liability and Property Coverage (for eligible workers), following enrollment in the OCIP the Design/Builder shall exclude all General Liability, Excess Liability, and Property Coverage (Builder’s Risk) costs from the Contract Price and its proposal/bid for itself and for all included Subcontractors. The Design/Builder warrants, for itself and all included Subcontractors, that all such on-site insurance costs for the coverages listed above shall be excluded in their entirety from the Contract Price, and no such coverage is duplicated by the Design/Builder or any Subcontractor of any tier. The Design/Builder and its Subcontractors shall make available to the County all documentation deemed necessary by the County in order to verify this cost exclusion. If requested by the County, the Design/Builder shall provide complete copies of its and its Subcontractors’ current insurance policies in order to assist in the verification of the accuracy of the exclusion of insurance costs and to verify the accuracy of the information provided by the Design/Builder and its Subcontractors.

Builders’ Risk Insurance Coverage

DeKalb County shall procure and maintain Builders Risk Insurance on the entire work which provides “All-risk” form that shall at least include insurance for physical loss or damage to the Work, temporary buildings, false work, and materials and equipment in transit, and shall insure against at least the following perils or causes of loss: fire, lightning, extended coverage, theft, vandalism, malicious mischief, earthquake, collapse, debris removal, demolition occasioned by enforcement of Laws and Regulations, water damage (other than caused by flood), and such other perils or causes of loss as may be specifically required by Supplementary Conditions) until Final Completion and Acceptance of the Project. Such policy of insurance shall contain at least the following sub-limits of insurance and deductibles:

Sub-limits:

Property in Transit

\$1,000,000

Property in Offsite Storage	\$1,000,000
Plans & Blueprints	\$25,000
Debris Removal	25% of Insured Physical Loss
Delay in Completion / Soft Cost	TBD
Ordinance of Law (Increased Cost of Construction)	\$1,000,000
Flood and Earthquake	TBD – Full Contract Value
Deductibles:	
Flood and Earthquake	\$25,000
Water Damage other than Flood	\$100,000
All other Perils	\$10,000

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ARTICLE 23 SURETY BONDS

Contract Security: The Design/Builder shall furnish a Contract Performance Bond and a Payment Bond, each equal to one hundred percent (100%) of the Contract Price. Bonds given shall meet the requirements of the law of the State of Georgia including, but not limited to, O.C.G.A. §§ 13-10-1 and 36-91-21 et seq. The surety on each Bond shall be a surety company satisfactory to the County and listed in the Federal Register and licensed to write surety insurance in the State of Georgia.

Within ten (10) days from the date of Notice of Award of this Contract, the Design/Builder, as Principal, and _____, a surety company listed in the Federal Register and licensed to write surety insurance in the State of Georgia, as surety, shall give a Contract Performance Bond and a Payment Bond, each in the amount of \$XXXXXXXXXXXX for the use of all persons doing work or furnishing skills, tools, machinery, or materials under or for the purpose of this Contract, in accordance with the provisions of the law of the State of Georgia including, but not limited to, O.C.G.A. §§ 13-10-1 and 36-91-21 et seq. The life of these bonds shall extend through the life of this Contract including a sixty (60) day maintenance period (where applicable) and a twelve month guarantee period after the completion of work performed under this Contract. The Performance and Payment Bonds are attached hereto as Attachment C and Attachment D.

It is further agreed between the parties hereto that if at any time after the execution of this Agreement and the surety bonds for its faithful performance, the County shall deem the surety or sureties upon such bonds to be unsatisfactory, or if, for any reason, such bonds cease to be adequate to cover the performance of the Work, the Design/Builder shall, at its expense within five days after the receipt of notice from the County to do so, furnish additional bond or bonds in such form and amount and with such surety or sureties as shall be satisfactory to the County.

In such event no further payment to the Design/Builder shall be deemed to be due under this agreement until such new or additional security for the faithful performance of the Work shall be furnished in manner and form satisfactory to the County.

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ARTICLE 24 MISCELLANEOUS PROVISIONS

(A) Georgia Laws Govern: This Agreement shall be governed by and construed and enforced in accordance with the laws of Georgia.

(B) Venue: This Agreement shall be deemed to have been made and performed in DeKalb County, Georgia. For the purposes of venue, all suits or causes of action arising out of this Agreement shall be brought in the Superior Court of DeKalb County, Georgia and the Superior Court of DeKalb County, Georgia shall have sole and exclusive jurisdiction.

(C) Taxes:

(1) Contractor shall pay all sales, consumer, withholding, use and other similar taxes required to be paid by Design/Builder in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the Work.

(2) The Design/Builder shall provide a written tabulation, plus other documentation as may be required, of all taxes, including sales tax, paid by the Design/Builder to assist the County in obtaining sales and/or use tax refunds for eligible machinery and equipment used for the primary purpose of reducing or eliminating air or water pollution as provided for in Chapter 48-8-3 (36) and (37) of the Official Code of Georgia. Such written tabulation shall be included with each partial payment request. The tabulation shall include the major equipment items, as defined in the Major Equipment Schedule, plus any qualifying equipment purchases with a value greater than \$5,000. Additionally, the tabulation shall be documented with copies of invoices indicating the amount of tax paid, with all blanks completed on the invoice, and with a description of the function of the item included in the tabulation. All taxes shall be paid by the Contractor. All refunds will accrue to the County.

(D) Accuracy of Work: The Design/Builder shall be responsible for the accuracy of the work and any error and/or omission made by the Design/Builder in any phase of the work under this Agreement.

(E) Additional Work: If the Design/Builder is asked by the County to perform work beyond the scope of this Agreement for which payment is desired, Design/Builder shall notify the County in writing, state that the work is considered outside the basic scope of work of this Agreement, give a proposed cost for the additional work, and obtain the approval in writing from the County prior to performing the additional work for which Design/Builder is to be paid. The County shall in no way be held liable for any work performed under this section which has not first been approved in writing by the County. Any claim for additional work must be made in strict accordance with Article 17.

(F) Successors and Assigns: The County and the Design/Builder each binds himself and Design/Builder's partners, successors, executors, administrators, and assigns to the other party of this Agreement and to the partners, successors, executors, administrators, and assigns of such other party, in respect to all covenants of this Agreement; except as above, the Design/Builder shall not assign, sublet, or transfer Design/Builder's interest in this Agreement without the written consent of

the County. Nothing herein shall be construed as creating any personal liability on the part of any officers or agent of the County, nor shall it be construed as giving any rights or benefits hereunder to anyone other than the parties to this Agreement.

(G) Notices: Any notice required to be given herein shall be deemed to have been given to the other party if sent via (a) registered or certified United States mail, return receipt requested, postage prepaid, (b) personal delivery, or (c) overnight courier service to the following addresses:

TO OWNER:

DeKalb County Watershed Management
180 Sams Street, Suite B3200
Decatur, GA 30030
ATTN: Project Manager

TO DESIGN/BUILDER:

ATTN:

All notices shall be effective upon receipt.

(H) Reviews and Acceptance: Work performed by the Design/Builder shall be subject to review and acceptance in stages as required by the County. Acceptance shall not relieve the Design/Builder of Design/Builder's professional obligation to correct, at Design/Builder's own expense, any errors in the Work.

(I) County Representative: The County may designate a representative through whom the Design/Builder will contact the County. In the event of such designation, said representative shall be consulted and his written recommendation obtained before any request for extra work is presented to the DeKalb County Board of Commissioners. Payments to the Design/Builder shall be made only upon itemized bill submitted to and approved by said representative.

(J) Sole Agreement: This Agreement constitutes the sole agreement between the parties. No representations oral or written not incorporated herein shall be binding on the parties. No amendment or modifications of this Agreement shall be enforceable unless approved in writing by the County.

(K) No Third Party Beneficiary: Except as expressly and specifically set forth herein, this Contract shall not be deemed to provide any third-party with any remedy, claim, right of action, or other right.

(L) Controlling Provisions: In the event of a conflict between the County's RFP No. 23-500640 Design Build Services for Upgrade Lower Crooked Creek No. 2 (LCC 2) Pump Station and the Design/Builder's response thereto, the provisions of the County's RFP shall govern. The

provisions of this Agreement shall control over any conflicting provisions contained in the County's RFP No. 23-500640 Design Build Services for Upgrade Lower Crooked Creek No. 2 (LCC 2) Pump Station or the Design/Builder's response.

(M) Publicity: No information relative to the existence or the details of the Design Services or the Work shall be released by Design/Builder, either before or after completion of the Project, for publication, advertising or any commercial purposes without Owner's prior written consent.

(N) Severability: In the event that any portion or any portions of this Contract are held to be unenforceable by a court of competent jurisdiction, then the remainder of this Contract shall be enforced as though such portions had not been included, unless to do so would cause this Contract to fail of its essential purposes.

(O) Attorneys' Fees: In the event that Design/Builder breaches any provision of this Contract, and in the event Owner retains any attorney to seek enforcement of said Contract, or in the event Owner institutes litigation against Design/Builder arising out of or relating to the Contract, Owner shall be entitled to recover from Design/Builder its reasonable attorneys' fees, court costs, expert witness fees, and other related expenses.

(P) Prohibited Interests: No official of the County who is authorized in such capacity and on behalf of the County to negotiate, make, accept, or approve, or to take part in negotiating, making, accepting, or approving any architectural, engineering, inspection, construction, or material supply contract, or any subcontract in connection with the construction of the Project, shall become directly or indirectly interested personally in this Contract or in any part hereof. No officer, employee, architect, attorney, engineer, or inspector of or for the County who is authorized in such capacity and on behalf of the County to exercise any legislative, executive, supervisory, or other similar functions in connection with the construction of the Project, shall become directly or indirectly interested personally in this Contract or in any part thereof, any material supply contract, subcontract, insurance contract, or any other contract pertaining to the Project.

(Q) Weather Conditions: The Design/Builder will be required to protect all work and materials against damage or injury from the weather. If, in the opinion of the Owner, any work or materials shall have been damaged or injured by reason of failure to protect such, all such materials or work shall be removed and replaced at the expense of the Design/Builder.

(R) Royalties and Patents: The Design/Builder shall hold and save the County and its officers, agents, servants, and employees, harmless from liability of any nature or kind, including cost and expenses for, or on account of, any patented or unpatented invention, process, article, or appliance manufactured or used in the performance of the Contract, including its use by the County, unless otherwise specifically stipulated in the Contract Documents.

(S) Submittal Period for Products and Substitutions: Substitutions: Where items of equipment or materials are specifically identified herein by a manufacturer's name, model, or catalog number, only such specific item may be used in the Base Bid. If the Design/Builder wishes to use items of equipment or materials other than those named in Design/Builder's Base Bid, the Design/Builder shall apply in writing for the Owner's approval of substitution at least ten (10) days

prior to opening of bids, submitting with Design/Builder's request for approval complete descriptive and technical data on the items or item Design/Builder proposes to furnish. Approved substitutions will be listed in the Addendum issued to all Design/Builders prior to opening of bids.

(T) Measurements and Dimensions: Before ordering material or doing work which is dependent for proper size or installation upon coordination with conditions, the Design/Builder shall verify all dimensions by taking measurements at the building and shall be responsible for the correctness of same. No consideration will be given any claim based on the differences between the actual dimensions and those indicated on the Drawings.

(U) Storage Facilities and Work Areas: The Design/Builder shall cooperate with the County in any required use of its property and arrange for storage of materials on job site in such areas as are mutually agreed upon. The Design/Builder shall allot suitable and proper space to Design/Builder's Subcontractors for the storing of their materials and for the erection of their sheds and tool houses. Should it be necessary at any time to move materials, sheds, or storage platforms, the Design/Builder shall move same as and when directed, at Design/Builder's own expense.

(V) Replacement on City or Public Property: Design/Builder shall pay for cost of any pavement or sidewalk repairs necessitated by work under this Contract, and any inspection fees required by local authorities.

(W) Manufacturers' Certifications: The Owner may require, and the Design/Builder shall furnish if required to do so, certificates from manufacturers to the effect that the products or materials furnished by them for use in the Work comply with the applicable specified requirements for the materials or products being furnished.

(X) Samples: The Design/Builder shall furnish with reasonable promptness all samples as directed by the Owner for approval for conformance with the design concept of the Project and for compliance with the information stated in the Contract Documents. The Work shall be in accordance with approved samples.

(Y) Maintenance Manual: Design/Builder shall, prior to completion of Contract, deliver to the Owner two copies of a manual, assembled and bound, presenting for the County's guidance full details for care and maintenance of visible surfaces and of equipment included in Contract. Design/Builder shall, for this manual, obtain from Subcontractors literature of manufacturers relating to equipment, including motors; also furnish cuts, wiring diagrams, instruction sheets and other information pertaining to same that will be useful to the County in over-all operation and maintenance. Where the above-described manuals and data are called for under separate sections of the Specifications, they are to be included in the manual described in this Article.

(Z) Definitions of Terms: Wherever used in the Contract Documents, the following terms shall have the meanings indicated which shall be applicable to both the singular and plural thereof:

“**Addenda**” shall mean written or graphic instruments issued prior to the execution of the agreement which modify or interpret the Contract Documents by additions, deletions, clarifications, or corrections.

“Bid” or **“Proposal”** shall mean the offer or Proposal of the Design/Builder submitted on the prescribed form setting forth the price(s) for the Work to be performed.

“Bidder” or **“Proposer”** shall mean any person, firm, or corporation submitting a Bid or Proposal for the Work.

“Bonds” shall mean Bid, Performance, and Payment Bonds and other instruments of security, furnished by the Design/Builder and Design/Builder’s surety in accordance with the Contract Documents.

“Contract Time” shall mean the number of calendar days stated in the Contract Documents for the completion of the Work.

“County” shall mean DeKalb County, Georgia.

“Design/Builder” shall mean one firm to both design and construct the Project.

“Drawings” shall mean the part of the Contract Documents which show largely through graphical presentation the characteristics and scope of the Work to be performed and which have been prepared by Design/Builder and approved by the Owner.

“Field Order” shall mean a written order effecting a change in the Work not involving an adjustment in the Contract Price or an extension of the Contract Time, issued by the Owner to the Design/Builder during construction.

“Notice of Award” shall mean the written notice of the acceptance of the Bid or Proposal from the County to the successful Design/Builder as evidenced by return receipts of registered or certified letters.

“Notice to Proceed” shall mean written communication issued by the County to the Design/Builder authorizing Design/Builder to proceed with the Work and establishing the date of commencement of the Work as evidenced by official receipt of certified mail or acknowledgment of personal delivery.

“Owner” shall mean DeKalb County, Georgia.

“Project” shall mean the undertaking to be performed as provided in the Contract Documents.

“Shall” is mandatory; **“may”** is permissive.

“Shop Drawings” shall mean all drawings, diagrams, illustrations, brochures, schedules, and other data which are prepared by the Design/Builder, a Subcontractor, manufacturer, Supplier, or distributor, which illustrate how specific portions of the Work shall be fabricated or installed.

“Specifications” shall mean a part of the Contract Documents consisting of written descriptions of a technical nature of materials, equipment, construction systems, standards, and workmanship specified for this Project.

“Supplementary Conditions” shall mean a part of the Contract Documents consisting of terms and conditions as may be required by the Owner.

“Superintendent” shall mean the Design/Builder’s authorized on-job representative designated in writing by the Design/Builder prior to commencement of any work.

“Suppliers” shall mean any person, supplier, or organization who furnishes materials or equipment for the Work, including that fabricated to a special design, but who does not perform labor at the site.

“Work” of the Design/Builder or Subcontractor shall include all labor, material, equipment, transportation, skill, tools, machinery and other equipment, and things useful or necessary in order to complete the Contract.

(AA) Specifications:

(1) The Specifications, the Drawings accompanying them, and the other Contract Documents shall be supplementary to each other, and any material, workmanship, and/or service which may be in one, but not called for in the others, shall be as binding as if indicated, called for, or implied by all.

(2) The Design/Builder will be held responsible to furnish all labor and materials necessary to complete the Work as indicated by the Drawings and Specifications.

(3) Unless otherwise stipulated, the Design/Builder shall provide and pay for all materials, labor, water, tools, equipment, light, power, transportation, and other facilities necessary for the execution and completion of the Work. The Design/Builder shall be responsible for entire Work and every part thereof.

(4) Each section or type of work is described separately in the Specifications; however, should any item of material, equipment, work, or combinations of such be required in one section, and not be described in that section and a similar item described in another section, that description shall apply regardless of the section under which it is described.

(5) Any discrepancies found between the Drawings and Specifications and site conditions or any inconsistencies or ambiguities in the Drawings or Specifications shall be immediately reported to the Owner, in writing, who shall promptly correct such inconsistencies or ambiguities in writing. Work done by the Design/Builder after Design/Builder’s discovery of such discrepancies, inconsistencies, or ambiguities shall be done at the Design/Builder’s risk.

(6) Upon award of the Contract, the Design/Builder shall furnish such Contract Drawings and Specifications as may be required for completion of the Project. Any prints

and Specifications in excess of these shall be furnished at cost at the Design/Builder's expense.

(BB) Drawings and Specifications:

(1) The intent of the Drawings and Specifications is that the Design/Builder shall furnish all labor, materials, tools, equipment, and transportation necessary for the proper execution of the Work in accordance with the Contract Documents and all incidental work necessary to complete the Project in an acceptable manner, ready for use, occupancy, or operation by the County.

(2) In case of conflict between the Drawings and Specifications, the Specifications shall govern. Figure dimensions on Drawings shall govern over scale dimensions, and detailed drawings shall govern over general drawings.

(3) The Owner may (without changing the scope of the Work) furnish the Design/Builder additional instructions and detail drawings, as necessary to carry out the Work required by the Contract Documents. The additional drawings and instructions thus supplied will become a part of the Contract Documents. The Design/Builder shall carry out the Work in accordance with the additional detail drawings and instructions.

(4) Abridging: Attention is directed to the fact that the detailed Specifications and separate sections may be written in short or abridged form. In regard to every section of the Specifications and all parts thereof, mention therein, or indications on the Drawings of articles, materials, operations, or methods requires that the Design/Builder:

- a. Provide each item mentioned and indicated, of quality or subject to qualifications noted.
- b. Perform according to conditions stated, each operation prescribed.
- c. Provide therefor all necessary labor, equipment, and incidentals.

(5) Wording: Whenever in these Specifications or on the Drawings the words "directed," "required," "permitted," "ordered," or words of like import are used, it shall be understood that the direction, requirement, permission, or order of the County is intended, and similar words, "approved," "acceptable," "satisfactory," or words of like import shall mean approved by, acceptable to, or satisfactory to the County.

(6) Specification Sections: For convenience of reference and to facilitate the letting of contracts and subcontracts, these Specifications are separated into titled sections. Such separation shall not, however, operate to make the County an arbiter to establish limits to the contracts between the Design/Builder and Subcontractors, nor shall such separation be interpreted as superseding normal union jurisdictions.

(7) Language: Notwithstanding the appearance of such language in the various sections of the Specifications as, "The Paving Contractor," "The Grading Contractor," etc.,

the Design/Builder is responsible to the County for the entire Contract and the execution of all work referred to in the Contract Documents.

(CC) Present Documents Govern: The Design/Builder shall in no case claim a waiver of any specification requirements on the basis of previous approval of material or workmanship on other jobs of like nature or on the basis of what might be considered “standard” for material or workmanship in any particular location. The Contract Documents for this job shall govern the Work.

(DD) Design/Builder’s Shop Drawings:

(1) The approved Drawings will be supplemented by such Shop Drawings as are needed to adequately control the Work. It is mutually agreed that all authorized alterations affecting the requirements and information given on the approved Drawings shall be in writing.

(2) Shop Drawings to be furnished by the Design/Builder for any structure shall consist of such detailed drawings as may be required for the prosecution of the Work.

(3) Shop Drawings must be approved by the Owner before the work in question is performed. Drawings for false work, centering, and form work may also be required, and in such cases shall be likewise subjected to approval unless approval be waived. It is expressly understood, however, that approval of the Design/Builder’s Shop Drawings does not relieve the Design/Builder of any responsibility for accuracy of dimensions and details. It is mutually agreed that the Design/Builder shall be responsible for agreement and conformity of Design/Builder’s Shop Drawings with the approved Drawings and Specifications.

(4) It is the responsibility of the Design/Builder to check all Shop Drawings before same are submitted to the Owner for approval. Shop Drawings which have not been checked and approved by the Design/Builder will not be approved.

(5) Shop Drawings shall be submitted only by the Design/Builder who shall indicate by a signed stamp on the drawings that Design/Builder has checked the Shop Drawings and that the work shown on them is in accordance with Contract requirements and has been checked for dimensions and relationship with work of all other trades involved. Under no conditions shall Shop Drawings be accepted from anyone other than the Design/Builder.

(6) The Design/Builder shall furnish the Owner with at least six copies of all Shop Drawings for approval. Two finally approved copies will be returned to the Design/Builder for Design/Builder’s use.

(7) The Contract Price shall include the cost of furnishing all Shop Drawings and the Design/Builder will be allowed no extra compensation for such drawings.

(8) The approval of such Shop Drawings shall not relieve the Design/Builder from responsibility for deviations from Drawings or the Specifications unless Design/Builder has in writing called attention to such deviations, and the Owner has approved the changes

or deviations in writing at the time of submission, nor shall it relieve Design/Builder from the responsibility for errors of any kind in Shop Drawings. When the Design/Builder does call such deviations to the attention of the Owner, Design/Builder shall state in Design/Builder's letter whether or not such deviations involve any extra cost. If this is not mentioned, it will be assumed that no extra cost is involved for making the change.

(EE) Instructions, Changes, Etc.:

(1) All changes, alterations, or instructions in regard to any feature of the Work that differ from the Drawings and Specifications must be approved in writing by Change Order in all cases, and no verbal orders will be regarded as a basis for claims for extra work.

(2) If the Design/Builder claims that any instruction by Drawings or otherwise involves extra cost or an extension of time, Design/Builder shall notify the Owner in writing within ten (10) days after the receipt of such instructions and in any event before proceeding to execute the Work. Thereafter, the procedure shall be the same as that described for changes in the Work. No such claim shall be valid unless made in accordance with the terms of this section.

(3) No claims for extra cost will be considered based on an escalation of material prices throughout the period of the Contract.

(4) No extra work is to be performed or any changes made that involves any extra cost or extension of time unless approved by the Owner and authorized by Change Order.

(FF) Requests for Substitutions: Requests for substitutions of proprietary products or of a particular manufacturer or vendor must be accompanied by documentary proof of equality, and difference in price and deliveries, if any, in form of certified quotations from Suppliers of both specified and proposed equipment. The item proposed for substitution shall be equal to or superior to the specified item or items, in construction, efficiency, and utility in the opinion of the Owner. The opinion of the Owner shall be final and no substitute material or article shall be purchased or installed without such written approval.

In case of a difference in price, the County shall receive all benefits of the difference in cost involved in any substitution, when lower, and the Contract altered by Change Order to credit the County with any savings to be obtained. However, the County shall not be charged for any additional cost in case of a price difference.

(GG) Authority of the Design/Builder:

(1) The Design/Builder shall perform all of the Work herein specified under the general direction, and to the entire satisfaction, approval, and acceptance of the Owner. The Owner shall decide all questions relating to measurements of quantities, the character of the Work performed, and as to whether the rate of progress is such that the Work will be

completed within the time limit of the Contract. All questions as to the meaning of these Specifications will be decided by the Owner.

(2) The approval of the Owner of any materials, plants, equipment, Drawings, or of any other items executed, or proposed by the Design/Builder, shall be construed only to constitute an approval of general design. Such approval shall not relieve the Design/Builder from the performance of the Work in accordance with the Contract Documents, or from any duty, obligations, performance guarantee, or other liability imposed upon Design/Builder by the provisions of the Contract.

(HH) Rejections of Work and Materials:

(1) All materials and equipment furnished and all work done that is not in accordance with the Drawings or Specifications or that is defective will be rejected. All rejected materials, equipment, or work shall be removed immediately. If rejected materials, equipment, or work is not removed within forty-eight hours from the date of letter of notification, the Owner shall have the right and authority to stop the Design/Builder and Design/Builder's work immediately, and/or shall have the right to arrange for the removal of said rejected materials, equipment, or work at the cost and expense of the Design/Builder. All rejected materials, equipment, or work shall be replaced with other material, equipment, or work which conforms with the Drawings and Specifications at no additional cost to the County.

(2) Inspection of the Work shall not relieve the Design/Builder of any of Design/Builder's obligations to fulfill Design/Builder's Contract and defective work shall be made good regardless of whether such work, material, or equipment has been previously inspected by the Owner and accepted or estimated for payment. The failure of the Owner to condemn improper materials or workmanship shall not be considered as a waiver of any defect which may be discovered later, or for work actually defective. All work, material, and/or equipment shall be guaranteed against defects for a period of one year from date of Project acceptance as established by the County. The warranty requirement set forth herein shall be in addition to any and all other warranty requirements set forth in the Contract Documents.

(II) Lines, Grades, and Measurements:

(1) Such stakes and markings as the Owner may set for either its or the Design/Builder's guidance shall be preserved by the Design/Builder. Failure to protect such stakes or markings, or gross negligence on the Design/Builder's part resulting in loss of same, may result in the Design/Builder being charged for their replacement.

(2) The Design/Builder must exercise proper care and caution to verify the grades and figures given Design/Builder before proceeding with the Work, and shall be responsible for any damage or defective work caused by Design/Builder's failure of such care and caution. Design/Builder shall promptly notify the Owner of any errors or discrepancies Design/Builder may discover in order that the proper corrections may be made.

(JJ) Land and Rights-of-Way:

(1) Prior to entering on any land or right-of-way, the Design/Builder shall ascertain the requirements of applicable permits or easements obtained by the County, and shall conduct Design/Builder's work in accordance with requirements thereof including the giving of notice. The Design/Builder shall be fully responsible for performing work to the requirements of any permit or easement granting entity even though such requirements may exceed or be more stringent than that otherwise required by the Contract Documents, and shall compensate the County fully for any loss or expense arising from failure of the Design/Builder to perform as required by such entity.

(2) The Design/Builder shall provide at Design/Builder's own expense and without liability to the County any additional land and access thereto that the Design/Builder may desire for temporary construction facilities, or for storage of materials.

(KK) Prior Use by County: Prior to completion of the Work, the County may take over operation and/or use of the uncompleted Project or portions thereof. Such prior use of facilities by the County shall not be deemed as acceptance of any work or relieve the Design/Builder from any of the requirements of the Contract Documents.

(LL) Barricades:

(1) Lanterns: Design/Builder shall provide continuously burning lanterns at all barricades and at protective barriers around excavations so that the public is adequately warned of such hazards. Lanterns shall remain lighted from sundown to sunrise and at all other times when the labor forces are not on the job site.

(2) Access to Site: Delivery of construction materials and equipment shall be only from locations approved by the County.

(MM) Schedules, Reports, and Records:

(1) The Design/Builder shall submit to the Owner such schedule of quantities and costs, progress schedules, payrolls, reports, estimates, records, and other data as the Owner may request concerning work performed or to be performed.

(2) Prior to the first partial payment estimate, the Design/Builder shall submit schedules showing the order in which Design/Builder proposes to carry on the Work, including dates at which Design/Builder will start the various parts of the Work, estimated date of completion of each part; and, as applicable, the dates at which special detail drawings will be required, and respective dates for submission of Shop Drawings, the beginning of manufacture, the testing and the installation of materials, supplies and equipment.

(3) The Design/Builder shall also submit a schedule of payments that Design/Builder anticipates Design/Builder will earn during the course of the Work.

(NN) Supplementary Conditions:

(1) Scope: Furnish, erect, and maintain temporary facilities and perform temporary work required in the performance of this Contract, including those shown and specified.

(2) Use of Temporary Facilities: Design/Builder may be required by the County to provide and maintain a suitable office on the site for Design/Builder's own use and for the use of representatives of the County.

(3) Maintenance and Removal:

a. Utilities and Furnishings: Design/Builder shall furnish sufficient heat, artificial light, ventilation and janitor's service, and shall also provide a table or desk, plan rack and chairs, all for the use of those visiting the job, in addition to such furnishings as Design/Builder provides for Design/Builder's own use.

b. Location and Removal: Temporary offices and other structures shall be located where approved by the County, and shall be removed from the premises upon completion of the Contract or earlier if so directed by the County. They shall remain the property of the Design/Builder.

(4) Field Offices:

a. Design/Builder and Design/Builder's Subcontractors shall provide such additional offices, storage shanties, tool sheds and other temporary buildings as required for their own use and those employed on the Work.

(5) Toilet and Washing Facilities:

a. Toilet Building: Design/Builder may be required by the County, at the beginning of work, to provide on premises suitable and adequate temporary toilets and enclosure for use of workers on the job; maintain same in sanitary condition; remove same at completion of building operations and/or when directed.

b. Sanitary Regulations: Do not allow any sanitary nuisances to be committed in or about work; enforce sanitary regulations of local and State Health Authorities.

(6) Utilities During Construction:

a. Utilities: Design/Builder shall furnish all utilities and pay for all utility bills used during construction. Utilities shall include electric power or fuel of any sort used for heating, etc., and water.

(7) Connections to Utilities:

a. Design/Builder shall provide all temporary connections to utilities when not provided by the utility company or others.

(8) Telephone:

a. Design/Builder shall, if required by the County, install and maintain at Design/Builder's own expense, a job telephone for duration of the Contract.

(9) Temporary Heat:

a. The Design/Builder shall provide at Design/Builder's own expense temporary heat as necessary to protect all work and materials against injury from dampness and cold. Fuel, equipment and method of heating shall not present a fire hazard and shall be satisfactory to the County. See requirements in detail Specifications for temperatures to be maintained for application of work under the various trades.

(10) Interruption of Facility Operations:

a. The Design/Builder shall schedule the Work such that the Design/Builder minimizes interruptions to the operation of any existing facility, including water mains and sewers. Shut downs must be scheduled with the County and mitigation steps taken to prevent upsets or impacts to plant compliance.

b. The Design/Builder shall conduct operations in a manner and sequence which will provide for the continued transportation of wastewater flows during construction of this Project. The Design/Builder shall take all actions required to prevent discharge of sewer flow from the system to the ground or stream. Any construction actions that impede or interrupt flow shall be carefully executed and monitored to prevent surcharging and overflow.

c. Any damages resulting from surcharging, overflow or back-up caused by the Contractor's operations shall be the Contractor's responsibility. Fines charged the County for overflows caused by the Design/Builder shall be paid for by the Contractor.

(11) DeKalb County Work Hours: Except in connection with the safety or protection of persons or the Work or property at the site or adjacent thereto, and except as otherwise indicated in the Contract Documents, all Work at the site shall be performed during DeKalb County Construction Activities work hours (DeKalb County Code of Ordinances Chapter 16, Article VII, Division 2, Section 16-306 (d)). DeKalb County work hours are generally Monday through Friday from 7:00 a.m. through 7:00 p.m. DeKalb County observes the following holidays; **New Year's Day, Martin Luther King, Jr. Day, Presidents Day, Memorial Day, Juneteenth, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, day after Thanksgiving, and Christmas.** The Design/Builder will not perform Work outside of DeKalb County work hours without the County's written consent given after prior written notice to the Construction Manager, which shall be submitted at least seven (7) days in advance.

(OO) Notice to Design/Builder and Subcontractors: The Georgia Legislature has enacted a new Code provision, designated O.C.G.A. § 13- 10-80, governing progress payments and

retainage for public works contracts. It is applicable to contracts which, when awarded exceed \$150,000.00 in value or forty-five (45) days in duration, and establishes mandatory guidelines by which payments received from DeKalb County in this contract must be passed through the subcontractors. For your information, its provisions are set out below:

13-10-80. Periodic Progress Payments; Retainage; Exceptions; Minimal Standard of this Code Section.

(1) As used in this Code section, the term:

- a. “Contractor” means a person having a direct contract with the Owner.
- b. “Lower tier subcontractor” means a person other than the Design/Builder having a direct contract with a subcontractor.
- c. “Owner” means the state, any county, municipal corporation, authority, board of education, or other public board, public body, department, agency, instrumentality, or political subdivision of the state.
- d. “Owner’s authorized contract representative” means the architect or engineer in charge of the Project for the owner or such other contract representative or officer as designated in the contract documents as the party representing the Owner’s interest regarding administration and oversight of the Project.
- e. “Subcontractor” means a person other than an Owner having a direct contract with the contractor.

(2) In any contract for the performance of any construction Project entered into on or after July 1, 1985, with an owner, as defined in paragraph (3) of subsection (a) of this Code section, such contract shall provide for the following:

- a. After work has commenced at the construction site, progress payments to be made on some periodic basis, and at least monthly, based on the value of work completed as may be provided in the contract documents plus the value of materials and equipment suitably stored, insured, and protected at the construction site, and at the owner’s discretion such materials and equipment suitably stored, insured, and protected off site at a location approved by the owner’s authorized contract representative when allowed by the contract documents, less retainage; and
- b. Retainage to a maximum of ten (10%) percent of each progress payment; provided, however, that, when fifty (50%) percent of the contract value including change orders and other additions to the contract value provided for by the contract documents is due and the manner of completion of the contract work and its progress are reasonably satisfactory to the Owner’s authorized contract representative, the Owner shall withhold no more retainage. At the discretion of the Owner and with the approval of the Design/Builder, the retainage of each subcontractor may be released separately as the subcontractor completes his work.

(3) If, after discontinuing the retention, the Owner's authorized contract representative determines that the work is unsatisfactory or has fallen behind schedule, retention may be resumed at the previous level. If retention is resumed by an owner, the Design/Builder and subcontractors shall be entitled to resume withholding retainage accordingly.

(4) At substantial completion of the work or such other standard of completion as may be provided in the contract documents and as the Owner's authorized contract representative determines the work to be reasonably satisfactory, the owner shall within thirty (30) days after invoice and other appropriate documentation as may be required by the contract documents are provided pay the retainage to the Design/Builder. If at that time there are any remaining incomplete minor items, an amount equal to two hundred (200%) percent of the value of each item as determined by the Owner's authorized contract representative shall be withheld until such item or items are completed. The reduced retainage shall be shared by the Design/Builder and subcontractors as their interests may appear. The Design/Builder shall, within ten (10) days from the Design/Builder's receipt of retainage from the Owner, pass through payments to subcontractors and shall reduce each subcontractor's retainage in the same manner as the Design/Builder's retainage is reduced by the Owner, provided that the value of each subcontractor's work complete and in place equals fifty (50%) percent of his subcontract value, including approved change orders and other additions to the subcontract value and provided, further, that the work of the subcontractor is proceeding satisfactorily and the subcontractor has provided or provides such satisfactory reasonable assurances of continued performance and financial responsibility to complete his work including any warranty work as the Design/Builder in his reasonable discretion may require, including, but not limited to, a payment and performance bond.

(5) The subcontractor shall, within ten (10) days from the subcontractor's receipt of retainage from the Design/Builder, pass through payments to lower tier subcontractors and shall reduce each lower tier subcontractor's retainage in the same manner as the subcontractor's retainage is reduced by the Design/Builder, provided that the value of each lower tier subcontractor's work complete and in place equals fifty (50%) percent of his subcontract value, including approved change orders and other additions to the subcontract value and provided, further, that the work of the lower tier subcontractor is proceeding satisfactorily and the lower tier subcontractor has provided or provides such satisfactory reasonable assurances of continued performance and financial responsibility to complete his work including any warranty work as the subcontractor in his reasonable discretion may require, including, but not limited to, a payment and performance bond.

(6) This Code section shall not apply to:

a. Any contracts let by the Department of Transportation of this State for the construction, improvement, or maintenance of roads or highways in this State or purposes incidental thereto; or

b. Any contracts whose value or duration at the time of the award does not exceed \$150,000.00 or forty-five (45) days in duration.

(7) Contract and subcontract provisions inconsistent with the benefits extended to Design/Builders, subcontractors, and lower tier subcontractors by this Code section shall be unenforceable; provided, however, that nothing in this Code section shall render unenforceable any contracts or subcontract provisions allowing greater benefits to be extended to such Design/Builders, subcontractors, or lower tier subcontractors, the provisions and benefits of this Code section being minimal only. Nothing shall preclude a payor under this Code section, prior to making a payment, from requiring the payee to submit satisfactory evidence that all payrolls, material bills, and other indebtedness connected with the work have been paid. (Code 1981, '13-10-2, enacted by Ga. L. 1985, p. 1043, '1.)

(PP) Georgia Open Records Act: Without regard to any designation made by the person or entity entering this Agreement, DeKalb County considers all information submitted in response to the Agreement to be a public record that will be disclosed upon request pursuant to the Georgia Open Records Act O.C.G.A. § 50-18-70 et seq., after contacting the person or entity making the submission, unless a court order is presented with the Agreement.

(QQ) First Source Jobs Ordinance: The DeKalb County First Source Jobs Ordinance, attached as an Exhibit and incorporated into this Agreement, requires contractors or beneficiaries entering into any type of agreement with the County, including purchase orders, regardless of what they may be called, for the procurement or disposal of supplies, services, construction Projects, professional or consultant services, which is funded in whole or part with County funds or County administered funds in which the contractor is to receive \$50,000 or more in County expenditures or committed expenditures and recipient of urban redevelopment action grants or community development block funds administered in the amount of \$50,000 or more make a good faith effort to hire DeKalb County residents for at least 50% of jobs using the First Source Registry (candidate database). The work to be performed under this contract is subject to the provisions of the DeKalb County First Source Jobs Ordinance. For more information on this Ordinance requirement, please contact DeKalb Workforce Development at 404.687.3400.

(RR) Contractor and Subcontractor Evidence of Compliance:

(1) County contracts for the physical performance of services within the state of Georgia shall include the following provisions in accordance with O.C.G.A. § 13-10-91, as amended:

- a. the contractor has registered with and is authorized to use the federal work authorization program to verify information on all newly hired employees or subcontractors;
- b. by affidavit, the contractor must attest to the contractor's name, address, user identification number, date of authorization, and verification of the continual participation throughout the contract period, and
- c. the affidavit shall become a part of the covered contract and must be attached.

(2) No contractor or subcontractor who enters into a contract with the County or a contractor of the County shall enter into such a contract or subcontract in connection with

the physical performance of services within Georgia unless the contractor or subcontractor registers and participates in the federal work authorization program to verify information of all newly hired employees. Any employee, contractor, or subcontractor of such contractor or subcontractor shall also be required to satisfy the requirements of O.C.G.A. § 13-10-91, as amended.

(3) Upon contracting with a new subcontractor, a contractor or subcontractor shall, as a condition of any contract or subcontract entered into pursuant to O.C.G.A. § 13-10-91, as amended, agree to provide the County with notice of the identity of any and all subsequent subcontractors hired or contracted by the contractor or subcontractor. Such notice shall be provided within five (5) business days of entering into a contract or agreement for hire with any subcontractor. Such notice shall include an affidavit from each subsequent contractor attesting to the subcontractor's name, address, user identification number, and date of authorization to use the federal work authorization program.

(4) An affidavit shall be considered an open public record; provided, however, that any information protected from public disclosure by federal law or by Article 4 of Chapter 18 of Title 50 shall be redacted. Affidavits shall be maintained by the County for five years from the date of receipt.

(5) To verify compliance, the contractor agrees to participate in random audits conducted by the Commissioner of the Georgia Department of Labor. The results of the audits shall be published on the www.open.georgia.gov website, and on the Department of Labor's website no later than December 31 of each year.

(6) Any person who knowingly and willfully makes a false, fictitious, or fraudulent statement in an affidavit submitted pursuant to O.C.G.A. § 13-10-91 shall be guilty of a violation of Code § 16-10-20 and, upon conviction, shall be punished as provided in such section. Contractors and subcontractors convicted for false statements based on a violation of such section shall be prohibited from bidding on or entering into any public contract for twelve (12) months following such conviction.

[SIGNATURES CONTINUED ON NEXT PAGE]

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed in by their authorized representatives, as of this _____, 20____. (hereinafter called the “execution date”)

PROPOSER’S NAME

DEKALB COUNTY, GEORGIA

By: _____ (SEAL)

Signature

Name (Typed or Printed)

Federal Tax I.D. Number

NOTARY:

Subscribed and Sworn before me on this the

_____ day of _____, 20 ____.

NOTARY PUBLIC

My Commission Expires:

_____ **by Dir.**(SEAL)

MICHAEL L. THURMOND

Chief Executive Officer

DeKalb County, Georgia

ATTEST:

BARBARA SANDERS, CCC, CMC

Clerk of the Chief Executive Officer

And Board of Commissioners of

DeKalb County, Georgia

Date

APPROVED AS TO SUBSTANCE:

David E. Hayes, Interim Director
Department of Watershed Management

APPROVED AS TO FORM:

Assistant County Attorney
DeKalb County, Georgia Law Department

ATTACHMENTS

This Contract includes the following Attachments all of which are incorporated herein by reference:

Attachment A, Scope of Work

Attachment B, Cost Proposal Form

Attachment C, Performance Bond and Accompanying Power of Attorney

Attachment D, Payment Bond and Accompanying Power of Attorney

Attachment E, Responder Affidavit of Compliance with O.C.G.A. § 13-10-91

Attachment F, Sub-Contractor Affidavit of Compliance with O.C.G.A. § 13-10-91

Attachment G, Sub-Subcontractor Affidavit of Compliance

Attachment H, Certificate of Corporate Authority or Joint Venture Certificate

Attachment I, Business and Professional Licenses and Certifications

Attachment J, Certificate of Insurance, Declaration and Endorsements

Attachment K, Executive Order No. 2014-4 New Ethics Policy

Attachment L, Department of Watershed's Badging Policies & Procedures

Attachment M, General Liability "OCIP" Manual

Appendix I, County's RFP

Appendix II, Contractor's Response

In addition to the foregoing, the Proposal Document Package dated February 13, 2023 the original of which is maintained in the County's Department of Purchasing and Contracting, forms an essential part of this Contract as if fully set out herein.

ATTACHMENT A

SCOPE OF WORK

ATTACHMENT B
COST PROPOSAL

ATTACHMENT C
(consisting of 3 pages)
PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS that _____ (hereinafter called the “Principal”) and _____ (hereinafter called the “Surety”), are held and firmly bound unto DeKalb County (hereinafter called the “County”) and their successors and assigns, in the penal sum of XXXXXXXX.XX Dollars (\$XXXXXXX.XX), lawful money of the United States of America, for the payment of which the Principal and the Surety bind themselves, their administrators, executors, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered, or is about to enter, into a certain written contract with the County, awarded by the DeKalb County Governing Authority on _____, which is incorporated herein by reference in its entirety (hereinafter called the “Contract”), for the RFP No. 23-500640 Design Build Services for Upgrade Lower Crooked Creek No. 2 (LCC 2) Pump Station, more particularly described in the Contract (hereinafter called the “Project”); and

NOW, THEREFORE, the conditions of this obligation are as follows, that if the Principal shall fully and completely perform all the undertakings, covenants, terms, conditions, warranties, and guarantees contained in the Contract, including all change orders, modifications, amendments, changes, deletions, additions, and alterations thereto that may hereafter be made, then this obligation shall be void; otherwise, it shall remain in full force and effect.

Whenever the Principal shall be, and declared by the County to be, in default under the Contract, the Surety shall promptly remedy the default as follows:

1. Complete the Contract in accordance with the terms and conditions; or
2. Obtain a Bid or Bids for completing the Contract in accordance with its terms and conditions, and upon determination by the Surety and the County of the lowest responsible bidder, arrange for a contract between such bidder and County and make available as the work progresses (even though there should be a default or succession of defaults under the Contract or contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the contract price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the penal sum set forth in the first paragraph hereof, as may be adjusted, and the Surety shall make available and pay to the County the funds required by this Paragraph prior to the payment of the County of the balance of the contract price, or any portion thereof. The term “balance of the contract price,” as used in this paragraph, shall mean the total amount payable by the County to the Contractor under the Contract, and any amendments thereto, less the amount paid by the County to the Contractor; or, at the option of the County; or
3. Allow County to complete the work and reimburse the County for all reasonable costs incurred in completing the work.

In addition to performing as required in the above paragraphs, the Surety shall indemnify and hold harmless the County from any and all losses, liability and damages, claims, judgments, liens, costs,

and fees of every description, including reasonable attorney's fees, litigation costs and expert witness fees, which the County may incur, sustain, or suffer by reason of the failure or default on the part of the Principal in the performance of any or all of the terms, provisions, and requirements of the Contract, including any and all amendments and modifications thereto, or incurred by the County in making good any such failure to performance on the part of the Principal.

The Surety shall commence performance of its obligations and undertakings under this Bond promptly and without delay, after written notice from the County to the Surety.

The Surety hereby waives notice of any and all modifications, omissions, additions, changes, alterations, extensions of time, changes in payment terms, and any other amendments in or about the Contract, and agrees that the obligations undertaken by this bond shall not be impaired in any manner by reason of any such modifications, omissions, additions, changes, alterations, extensions of time, change in payment terms, and amendments.

The Surety hereby agrees that this Bond shall be deemed amended automatically and immediately, without formal or separate amendments hereto, upon any amendment to the Contract, so as to bind the Principal and Surety to the full and faithful performance of the Contract as so amended or modified, and so as to increase the penal sum to the adjusted Contract Price of the Contract.

The Surety's obligations under this bond include all of the Contractor's duties under the Contract, including without limitation its maintenance and guarantee obligations.

No right of action shall accrue on this bond to or for the use of any person, entity, or corporation other than the County and any other obligee named herein, or their executors, administrators, successors or assigns.

This Bond is intended to comply with O.C.G.A. §36-91-70, and shall be interpreted so as to comply with the minimum requirements thereof. However, in the event the express language of this Bond extends protection to the County beyond that contemplated by O.C.G.A. §36-91-70, or any other statutory law applicable to this Project, then the additional protection shall be enforced in favor of the County, whether or not such protection is found in the applicable statutes.

If any one or more of the provisions of this Bond are determined to be illegal or unenforceable by a court of competent jurisdiction, all other provisions shall remain effective.

IN WITNESS WHEREOF the undersigned have caused this instrument to be executed and their respective corporate seals to be affixed and attested by their duly authorized representatives this ____ day of _____, 20__.

PRINCIPAL

By: _____ (SEAL)
Signature of Principal

Print Name and Title of Authorized Signer

Print Name of Principal Business

ATTEST:

Corporate Secretary

SURETY

By: _____(SEAL)
Signature of Surety (by Power of Attorney)

Print Name and Title of Authorized Signer

Print Name of Surety Business

WITNESS:

[Attach Original Power of Attorney]

ATTACHMENT D
(consisting of 3 pages)
PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS that _____ (hereinafter called the “Principal”) and _____ (hereinafter called the “Surety”), are held and firmly bound unto DeKalb County, (hereinafter called the “County”), its successors and assigns as obligee, in the penal sum of \$XXXXXX.XX, lawful money of the United States of America, for the payment of which the Principal and the Surety bind themselves, their administrators, executors, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered, or is about to enter, into a certain written contract with the County, awarded by the DeKalb County Governing Authority on _____ which is incorporated herein by reference in its entirety (hereinafter called the “Contract”), for the construction of a Project known as the RFP No. 23-500640 Design Build Services for Upgrade Lower Crooked Creek No. 2 (LCC 2) Pump Station, as more particularly described in the Contract (hereinafter called the “Project”);

NOW, THEREFORE, the condition of this obligation is such that if the Principal shall promptly make payment to all persons working on or supplying labor or materials under the Contract, and any amendments thereto, with regard to labor or materials furnished and used in the Project, and with regard to labor or materials furnished but not so used, then this obligation shall be void; but otherwise it shall remain in full force and effect.

1. A “Claimant” shall be defined herein as any Subcontractor, person, party, partnership, corporation or other entity furnishing labor, services, or materials used, or reasonably required for use, in the performance of the Contract, without regard to whether such labor, services, or materials were sold, leased, or rented, and without regard to whether such Claimant is or is not in privity of contract with the Principal or any Subcontractor performing work on the Project, including, but not limited to, the following labor, services, or materials: water, gas, power, light, heat, oil, gasoline, telephone service, or rental of equipment directly applicable to the Contract.
2. In the event a Claimant files a claim against the County, or the property of the County, and the Principal fails or refuses to satisfy or discharge it promptly, the Surety shall satisfy or discharge the claim promptly upon written notice from the County, either by bond or as otherwise provided in the Contract.
3. The Surety hereby waives notice of any and all modifications, omissions, additions, changes, alterations, extensions of time, changes in payment terms, and any other amendments in or about the Contract and agrees that the obligations undertaken by this bond shall not be impaired in any manner by reason of any such modifications, omissions, additions, changes, alternations, extensions of time, changes in payment terms, and amendments.
4. The Surety hereby agrees that this Bond shall be deemed amended automatically and immediately, without formal or separate amendments hereto, upon any amendment or modification to the Contract, so as to bind the Principal and Surety, jointly and severally,

to the full payment of any Claimant under the Contract, as amended or modified, provided only that the Surety shall not be liable for more than the penal sum of the Bond, as specified in the first paragraph hereof.

5. This Bond is made for the use and benefit of all persons, firms, and corporations who or which may furnish any materials or perform any labor for or on account of the construction to be performed or supplied under the Contract, and any amendments thereto, and they and each of them may sue hereon.
6. No action may be maintained on this Bond after one (1) year from the date the last services, labor, or materials were provided under the Contract by the Claimant prosecuting said action.
7. This Bond is intended to comply with O.C.G.A. §36-91-90, and shall be interpreted so as to comply with the minimum requirements thereof. However, in the event the express language of this Bond extends protection to the County beyond that contemplated by O.C.G.A. §36-91-90, or any other statutory law applicable to this Project, then the additional protection shall be enforced in favor of the County, whether or not such protection is found in the applicable statutes.

IN WITNESS WHEREOF, the Principal and Surety have hereunto affixed their corporate seals and caused this obligation to be signed by their duly authorized representatives this ____ day of _____, 20____.

PRINCIPAL

By: _____ (SEAL)
Signature of Principal

Print Name and Title of Authorized Signer

Print Name of Principal Business

ATTEST:

Corporate Secretary

SURETY

By: _____ (SEAL)
Signature of Surety (by Power of Attorney)

Print Name and Title of Authorized Signer

Print Name of Surety Business

WITNESS:

[Attach Original Power of Attorney]

ATTACHMENT E

RESPONDER AFFIDAVIT OF COMPLIANCE WITH O.C.G.A. § 13-10-91

ATTACHMENT F

SUB-CONTRACTOR AFFIDAVIT OF COMPLIANCE WITH O.C.G.A. § 13-10-91

ATTACHMENT G

SUB-SUBCONTRACTOR AFFIDAVIT OF COMPLIANCE WITH O.C.G.A. § 13-10-91

ATTACHMENT H

CERTIFICATE OF CORPORATE AUTHORITY OR JOINT VENTURE CERTIFICATE

ATTACHMENT I

BUSINESS AND PROFESSIONAL LICENSES AND CERTIFICATIONS

ATTACHMENT J

CERTIFICATE OF INSURANCE, DECLARATIONS, AND ENDORSEMENTS

ATTACHMENT K

EXECUTIVE ORDER NO. 2014-4 NEW ETHICS POLICY

ATTACHMENT L

DEKALB COUNTY DEPARTMENT OF WATERSHED MANAGEMENT (DWM)

BADGING POLICIES AND PROCEDURE

ATTACHMENT M

GENERAL LIABILITY “OCIP” MANUAL

APPENDIX I

COUNTY'S RFP

APPENDIX II

CONTRACTOR'S RESPONSE

EXHIBIT 1

EXISTING LOWER CROOKED CREEK NO. 2

FOR

DESIGN BUILD SERVICES FOR

UPGRADE OF LOWER CROOKED CREEK NO. 2 (LCC 2) PUMP STATION

DeKalb County, Georgia
Department of Watershed Management
180 Sams Street, Suite B3200
Decatur, Georgia 30030

Existing Lower Crooked Creek No. 2 references are included on the DeKalb County Website
<https://sftp.dekalbcountyga.gov/f/3e913152431bf729>
as an attached separate document

EXHIBIT 2

OVERALL BASIS OF DESIGN (BOD) REVIEW

•

2.2.2 Design Flow Assumptions

Table 5 below provides the design flow conditions that were the basis for the hydraulic analysis. These flow conditions were developed by others using the County's sewer system hydraulic model and provided to BC by DWM. The modeled conditions include average peak wet weather flows for current year 2020 and projected year 2050.

Table 5. Current and Projected LCC PS Flows				
Pump Station	2020 Average Flows (mgd)	2020 Peak Flows (mgd)	2050 Average Flows (mgd)	Design 2050 Peak Flows (mgd)
LCC #1	2.2	4.3	3.3	6.4
LCC #2	2.4	4.9	3.5	8.0
LCC #3	2.4	5.1	3.6	7.2*

General Notes:

- a. 2050 peak flows provided for LCC #2 are greater than those at LCC #3. Given the system configuration, this should not be the case and requires additional investigation by DWM.

2.2.3 New Pumping Equipment Selections

For each of the various alternatives, preliminary pump selections were identified to establish general equipment size and motor horsepower requirements for use in the alternative analysis. Candidate equipment was identified from a limited vendor catalog search using the 2050 hourly peak wet weather flows (PWWF) and estimated TDH as the primary criteria. Other criteria considered in the equipment selection are outlined below.

Pump Type. As mentioned in Section 1:, the existing stations utilize traditional, dry well mounted, non-clog wastewater pumps with vertical, extended shafts and motors located on upper level for flood protection. This pump type/configuration is commonly used and typical for the time before the use of submersible pumping equipment became more commonplace. The wet-dry-pit configuration also provides the benefit of direct access to the pumping equipment for maintenance and inspection.

For the purposes of the alternative's evaluation, several equipment options were considered:

- Maintain use of the existing pump type (including extended shafts and motors located on upper level)
- Submersible pumps mounted in a typical wet-pit configuration. This option would require significant modifications to the existing facilities given the location of the existing wet wells below the influent channels.
- Submersible pumps mounted in a dry-pit configuration. This option offers the benefit of eliminating the maintenance requirements associated with extended shafting while providing protection against flooding.

Pumping requirements (pump size and motor horsepower) do not vary significantly between the above options so the choice of equipment was not critical for the purposes of the hydraulic analysis. Installation costs, however, would vary significantly, primarily associated with ancillary systems required for a below-grade dry-

pit configuration (electrical, HVAC, access, structural, excavation, etc.). For the purposes of the alternative evaluation, submersible pumping equipment was assumed with the following criteria:

- **Retrofit Alternatives** – For all alternatives where the existing station structures are used, the use of dry-pit mounted pumps was assumed, similar to the existing configuration. This assumption was based upon the anticipated significant costs associated with modifying the existing influent channel/wet well areas for submersible pumps.
- **New Pumping Station Alternatives** – For all replacement pump station options, a submersible pumping configuration was assumed as the most cost-effective approach (elimination of the dry well) except where a two-stage pumping configuration was required. In those instances, a wet/dry pit configuration was used.

Number of Pumps. Currently, each existing station is configured for up to a total of four pumps (three duty pumps and one stand by pump, all similarly sized). Note that LCC #2 currently only utilizes three of the four available pump slots. This configuration offers a typical N+1 redundancy to satisfy regulatory requirements. Based on the reduced design flow conditions and a cursory review of pumping equipment, a three-pump configuration was selected for each of the alternatives (two duty pumps and one standby).

Note that this approach is acceptable for the purposes of the alternative analysis, a more detailed analysis would be required during preliminary design to establish optimal pump combinations and sizing for each station, considering such factors as:

- For retrofit alternatives reusing the existing structures, consideration for maintaining two pumps per compartment may still be advisable for redundancy purposes.
- For new pump station alternatives, a three-pump configuration would result in a smaller footprint for construction of the new wet well; however, identification of pumping units that keep pump performance with recommended HI operating ranges (on the pump curve) may drive the number of pumps required.
- Individual pumping rate versus force main velocity to provided desired scouring velocities

Constant versus Variable Speed Operation. The existing pumps at each station operate at constant speed utilizing reduced voltage solid state motor starters (RVSS), commonly referred to as soft starts. While the right solution is application-specific and requires more detailed analysis, the following general considerations apply:

- Constant speed pumping offers simplicity of operation but typically requires additional wet well volume.
- Variable speed operation typically reduces wet well volume requirements and matches pumping rate to inflow, reducing slugging of the downstream collection system. These benefits, however, come with some additional cost and complexity of controls.
- When considering variable speed equipment, careful attention to reduced speed operation is needed to avoid operating the pumps outside preferred operation ranges (per HI recommendations) where dramatically increased maintenance and increased clogging and cavitation potential arise. A variable speed analysis is required to assess the specific needs of a given pumping application which may influence the number and size of pumps (as well as specific control parameters like minimum and maximum speed set points) that best suit the specific application. It is important to note that the resulting solutions vary from system to system i.e. one station may allow pumps to operate at a speed as low as 40 hertz while another may require a much higher value.
- Variable speed operation is typically more suitable when the friction losses are higher than the static head differences.

For the existing LCC system, the high static head conditions potentially reduce the effective “turn down” capability of variable speed operation, thereby reducing the benefits of variable speed operation. Therefore, constant speed operation was assumed for the purposes of the hydraulic evaluation. More detailed analysis is recommended during preliminary design, however, to further evaluate the effectiveness of variable speed operation and potential impacts on the optimal number/size of pumping equipment.

Force Main Velocity / Sizing. For the purposes of the hydraulic analysis, it was assumed that the existing force mains would continue to be used. It is noted, however, that velocities in all existing force mains will be generally low at the projected flow conditions. Typical force main design velocity criteria (per 10 States Standards) include a minimum cleansing velocity of two feet per second (fps) and maximum velocity of 8 fps to avoid high head loss and protect valves.

As part of the preliminary design for the selected alternative, additional analysis may be desirable to optimize force main size versus pumping needs taking into account the following primary considerations:

- As pipe size decreases, pumping head and associated horsepower requirements will increase.
- As discussed previously, the force main sizing may influence the optimum number of pumps to maintain desired pipeline scouring velocities.
- The TDH for the existing pumps is already relatively high. As TDH continues to increase, the number of candidate pump selections can generally be expected to fall, eventually requiring a two-stage pumping solution which can significantly impact construction costs and operational complexity.
- Control system provisions can also be explored that, for example, could allow the wet well level to increase periodically in order to provide additional volume so that multiple pumps can be operated simultaneously to increase velocities for flushing purposes.

2.3 Baseline Hydraulic Alternative Analysis

The baseline alternative for the hydraulic evaluation consisted of sizing new pumping equipment for LCCs #1, #2, and #3 to satisfy projected 2050 PWWF conditions. This alternative assumes that each existing station structure will be reused with the scope of improvements limited to replacement of the existing pumping systems (primarily including pumps, piping, HVAC, and electrical systems) and other minor rehabilitation work as needed.

2.3.1 Pump Evaluation

Suitable pump candidates were identified for each of the pump stations using the methodology described in Section 2.3. A summary of the pump selections can be seen in **Error! Reference source not found.** The new pump configuration for the baseline alternative consists of a total of three pumps with 150-250 hp per pump, whereas the existing configuration consists of four pumps with 350 hp per pump. Overall, there was a notable reduction in total installed horsepower regardless of the pumps installed.

Table 7. Baseline Alternative Pump Selection

Pump Station	Design Flow Criteria	# of Pumps (Duty/Standby)	Design Capacity per Pump (mgd)	Firm Capacity per PS (mgd)	Design TDH (ft)	Approximate Motor hp per Pump
LCC #1	2050 PWWF	2/1	3.2	6.4	135	150
LCC #2			4.0	8.0	140	250
LCC #3			3.6	7.2	135	150

General Notes:

- 2050 peak flows provided for LCC #32 are greater than those at LCC #23. Given the system configuration, this should not be the case and requires additional investigation by DWM.

2.3.2 Force Main and Gravity Sewer Conditions

The velocity within each pump station's corresponding force main was calculated as part of the hydraulic evaluation. A summary of the calculated velocity under current and projected flow conditions is shown in Table 6. Note that velocities were calculated based on the tabular flows listed, rather than actual pump flow (since modeling of the existing pumps was not included in the analysis due to unverifiable performance data regarding the existing pumps). Compared to estimated current system operating conditions which have a velocity range of 2-3 fps for single pump operation and approximately 7 fps with all duty pumps operating, future velocities will be less than half current velocities. Overall, the baseline alternative force main velocities for future conditions are low compared to the minimum recommended cleansing velocity range of 2-3 fps. At a minimum, control system provisions (as described in the previous section) are recommended to allow for multiple pump operation and increased pipeline velocity to help mitigate these conditions. The frequency and duration of these flushing events must be coordinated with actual flow conditions but could be programmed to occur daily as an example.

Table 6. Baseline Alternative Force Main Flow and Velocity

	LCC #1 24" Force Main		LCC #2 24" Force Main		LCC #3 30" Force Main	
Flow Conditions	Flow (mgd)	Velocity (fps)	Flow (mgd)	Velocity (fps)	Flow (mgd)	Velocity (fps)
2020 Average	2.2	1.1	2.4	1.2	2.4	0.8
2020 Peak	4.3	2.1	4.9	2.4	5.1	1.6
2050 Average	3.3	1.6	3.5	1.7	3.6	1.1
2050 Peak	6.4	3.1	8.0	4.0	7.2	2.3

General Notes:

a. Red, yellow, and green shading indicates whether velocities do not meet, meet, or exceed the minimum cleansing velocity of 2 fps.

The gravity sewer downstream of the LCC #1 force main, which then connects to LCC #2 was the only gravity sewer to be analyzed as part of the baseline alternative analysis. Based on the current and future flow conditions, it was determined that there are no apparent capacity concerns. Table 7 summarizes the calculated maximum velocity with the gravity sewer under current and projected flow conditions. The results show that there are steep sections of the gravity sewer with high velocities and super critical flow regime.

Table 7. Baseline Alternative LCC #1 Gravity Sewer Flow and Velocity

Flow Conditions	Flow (mgd)	Maximum Velocity (fps)
2020 Average	2.2	8.4
2020 Peak	4.3	10.4
2050 Average	3.3	9.5
2050 Peak	6.4	11.7

EXHIBIT 3

LOWER CROOKED CREEK 2 - TWO STAGE PUMPING SYSTEM

3.2.4 Evaluation of Eliminating the LCC #3 PS by 2-stage pumping LCC #2 flow to LCC #3's existing discharge.

The estimated TDH for a force main between the LCC #2 PS and the existing LCC #3 discharge, within the existing alignments, is 260 feet. In general, as TDH rises above 200 feet, the pumping equipment available and options for pumping become limited. However, two-stage pumping makes high-head systems feasible by

splitting the TDH between two pumps installed in series. So, to eliminate the LCC #3 PS by pumping from LCC #2 PS to the existing LCC #3 discharge, two-stage pumping was assumed to be required at the LCC #2 PS.

The following table outlines the pumping requirements for a 2-stage station at LCC #2 to pump flows around LCC #3.

Table 11. Pumping Requirements for a Two-Stage Station at LCC #2				
Design Flow Criteria	# of Pumps (Duty/Standby)	Design Capacity per Pump (mgd)	Design TDH (ft)	Approximate Motor hp per Pump
2050 PWWF	2 pairs/1 pair	4.0	130	150

Configuration options for 2-stage pumping include:

- Install both pumps in series at a single location.
- Install the second pump in series at a downstream location, booster-pump style.

Despite having to 2-stage pump from LCC #2 to LCC #3 PS, this long-term alternative was determined to be feasible. Life-cycle costs for this alternative are outlined in the Section 4 of this TM. Because installing the pumps in series at the same location results in simpler pump control, life-cycle cost analysis on this long-term alternative is based on a single location 2-stage pumping configuration.

3.2.5 Evaluation of Constructing Duplex PS at LCC #3

Any alternative to reroute LCC #2's flows would require assets to handle the existing LCC #3 local collection system flows. To handle the local collection systems flows, a duplex PS at LCC #3 and FM that follows the existing LCC #3 FM alignment was evaluated.

The following table outlines the estimated pumping requirements for a duplex station at LCC #3 to handle the local collection system flows.

Table 12. Pump Requirements for a Duplex Station at LCC #3				
Design Flow Criteria	# of Pumps (Duty/Standby)	Design Capacity per Pump (mgd)	Design TDH (ft)	Approximate Motor hp per Pump
200 gpm	1/1	0.3	140 - 165	40

Based on these flows, it was determined that a 6-inch diameter FM would be required.

EXHIBIT 4

LOWER CROOKED CREEK 2 - TRANSIENT TECHNICAL MEMORANDUM



990 Hammond Drive, Suite 400
Atlanta, GA 30328

T: 707-394-2997

Technical Memorandum

FINAL

Prepared for: DeKalb County Department of Watershed Management

Project Title: Lower Crooked Creek Pump Stations Evaluation

Project No.: 155382

Technical Memorandum

Subject: Transient Evaluation for Lower Crooked Creek #2 Summary-Final

Date: August 31, 2020

To: Tina Strickland, PE, Project Manager

Cc: Edward Biskis, PE, CIP Manager

From: Sam Atere-Roberts, PE, DBIA, CMRP, PMP, Project Manager

Prepared by: Megan Safranek, Brown and Caldwell

Reviewed by: Ravi Ravisangar, PE, PhD, Brown and Caldwell

Table of Contents

Section 1: Introduction.....	1
Section 2: Methodology	1
Section 3: Model Setup and Limitations.....	2
Section 4: Modeled Scenarios.....	3
Section 5: Findings.....	4
5.1 Pump Shutdown Scenarios.....	4
5.2 Pump Startup Scenarios	6
Attachment A: Flowserve Pump Curve	A

List of Figures

Figure 1. Model Operating Points Compared to Flowserve Provided Pump Curve	3
Figure 2. Transient pressure profile along LCC #2 force main, pump shutdown without RVSS	4
Figure 3. Transient pressure profile along LCC #2 force main, pump shutdown over 30s with RVSS.....	5
Figure 4. Transient pressure profile along LCC #2 force main, pump shutdown over 60s with RVSS.....	5
Figure 5. Transient pressure profile along LCC #2 force main, pump startup without RVSS.....	6
Figure 6. Transient pressure profile along LCC #2 force main, pump startup over 30s with RVSS	7

List of Tables

Table 1. Hydraulic Transient Modeling Assumptions.....	2
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Section 1: Introduction

This technical memorandum summarizes the findings of the hydraulic transient (surge) analysis performed to assist in the evaluation of the existing Lower Crooked Creek (LCC) Pump Station #2 (LCC #2) and force main to help identify appropriate reduced voltage soft starter (RVSS) settings to help control transient conditions during normal pump startup and shutdown. Historically transient conditions were present in the system after pump shutdown at LCC #2. It is understood that RVSS have been installed on some pumps in LCC #2 and is expected to have improved the hydraulic transient conditions.

Hydraulic transients are temporary conditions in any hydraulic system created during a change in system operation. In fact, all changes in system operation create hydraulic transients as the system transitions from one operational state to the next. Examples of changes in system operation include pump starts, stops, valve operations, and even changes in pump speed induced by the control system. At the beginning of a transient condition, pressure waves are propagated throughout the system as the system moves toward its new/final operating condition. Subsequently, the end of wave propagation indicates that the system has reached its final steady-state conditions. These propagating waves are dampened either by external controls or by losses in the system itself.

When propagating through the system, these pressure waves can create both high and low pressure conditions that, when extreme, can be detrimental to a system. High pressures can result in damage to pipes, pumps, valves, and other system appurtenances, while low pressures can lead to water column separation and cavitation, also leading to system failure.

Most risks of transients can be reduced by adhering to and implementing operational strategies that are geared towards transient control, such as utilizing procedures for controlled startup and shutdown of pumping equipment during normal operations. Events that cannot be controlled by operational strategies, however, such as loss of electrical power or pump failures, need automatic devices that can help reduce the magnitude of and minimize the impact resulting from such transient events.

Section 2: Methodology

Graphical and algebraic methods for solving equations that describe hydraulic transient events are available for very simple systems; however, as the complexity of the system increases, more sophisticated computer modeling programs that solve the equations of fluid mechanics for transient flow in a pipe network are required.

The transient hydraulic analysis for this project was performed using the numerical modeling software package, HAMMER v8i (HAMMER), developed by Bentley Systems, Inc. HAMMER is a tool for performing transient analysis of pressurized closed-conduit flows. The program attempts to simulate steady-state and transient (unsteady) operation of liquid-carrying closed-conduit systems consisting of pipes, valves, pumps, turbines, and surge relief devices. The program attempts to simulate fluid flow through piping networks by the method of characteristics (MOC). While it is possible that actual conditions may behave differently from the modeled conditions, generally this is the most widely used and tested approach with support for complex boundary conditions and friction and vaporous cavitation models and is consistent with the standard of care. It should be noted that even though modeling programs support vaporous cavitation models, the magnitude of the pressure spikes predicted by those modeling programs can be unreliable.



Section 3: Model Setup and Limitations

For the analysis of LCC #2, a HAMMER model was built using design drawings obtained from DeKalb County Department of Watershed Management (DWM). A summary of the major modeled components and assumptions considered in the analysis is provided in Table 1.

Table 1. Hydraulic Transient Modeling Assumptions	
System Piping	24-inch
Pipe Characteristics	Ductile Iron
Pressure Wave Speed	3,800 feet (ft) per second
Modeled Flow	6,375-gallons per minute (gpm)
Boundary Conditions ¹	Wet Well: 740-ft Receiving MH 16-165-i002: 862-ft
Pumps	Worthington 12MNV-24

1. Manhole ID was listed as MH 156-S006 in as-builts provided by DWM. Manhole ID was updated to MH 16-165-i002 based on comment received by DWM in Draft LCC Basin Action Plan Report to use GIS ID listed as MH 16-165-i002. Elevations were not listed in GIS, therefore as-built elevation for MH 156-S006 was used.

Other relevant assumptions that were made are listed below:

- Pump performance based on original condition of pumps.
- No field validation of the transient model was performed

The analysis was completed based on the normal shutdown of the last pump at LCC #2, when other pumps have been shutdown prior, because this scenario has the highest risk of creating transient conditions within the system. It should be noted that the modeled flow rate of 6,375 gpm is based on one pump operating at LCC #2 with the pump curve provided by Flowserve for the original condition of pump (see Attachment A). Figure 1 shows the pump curve compared to the modeled operating points of a pump when 1, 2 or 3 pumps are operating. This flow rate for one pump is different from what pumps were estimated to deliver in field tests conducted by DWM on 7/6/2020, approximately 2,450 - 3,250 gpm, under current conditions. Several factors could be contributing to this difference including deterioration of the pumps, impellers, and forcemain over time. It is prudent to further investigate, primarily the forcemain, as part of the implementation of the long-term plan for this station.

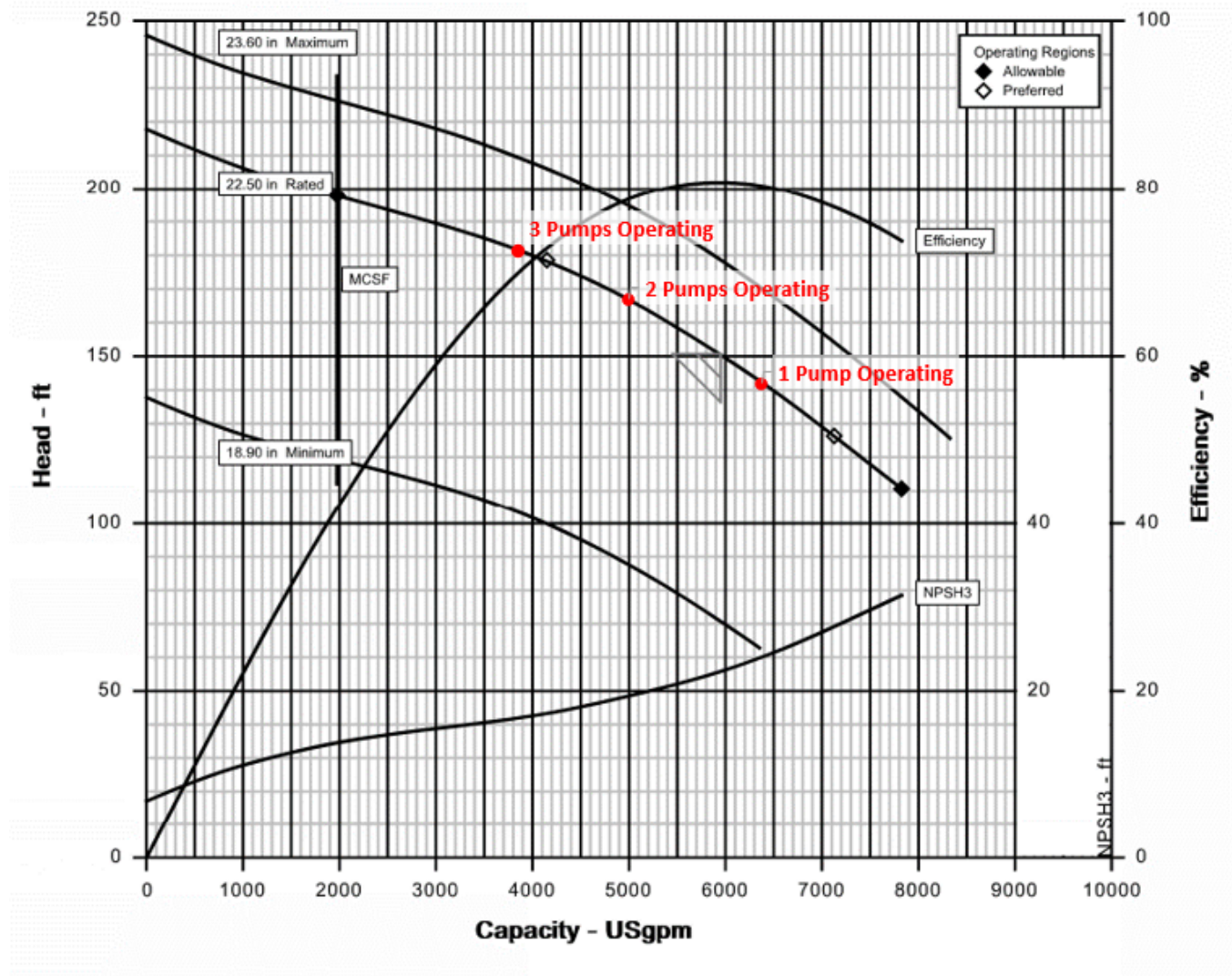


Figure 1. Model Operating Points Compared to Flowserve Provided Pump Curve

Section 4: Modeled Scenarios

For this project, the hydraulic transient analysis was performed for the pump shutdown at LCC #2 under the following operational scenarios:

- Pump Shutdown (Without RVSS)
- Pump Shutdown Over 30 seconds (With RVSS)
- Pump Shutdown Over 60 seconds (With RVSS)
- Pump Startup (Without RVSS)
- Pump Startup Over 30 seconds (With RVSS)

Section 5: Findings

5.1 Pump Shutdown Scenarios

The pump shutdown model simulations described in Section 4 indicated low pressures to be the primary issue during a pump shutdown without RVSS. The predicted negative pressures are low enough to create water column separation leading to formation of vapor cavities. These vapor cavities can result in subsequent cavitation inside the forcemain if there is no provision for venting of pipelines. The pressure profile in Figure 2 shows full vacuum conditions and cavitation related pressure rise in the system when a pump is shut down without RVSS.

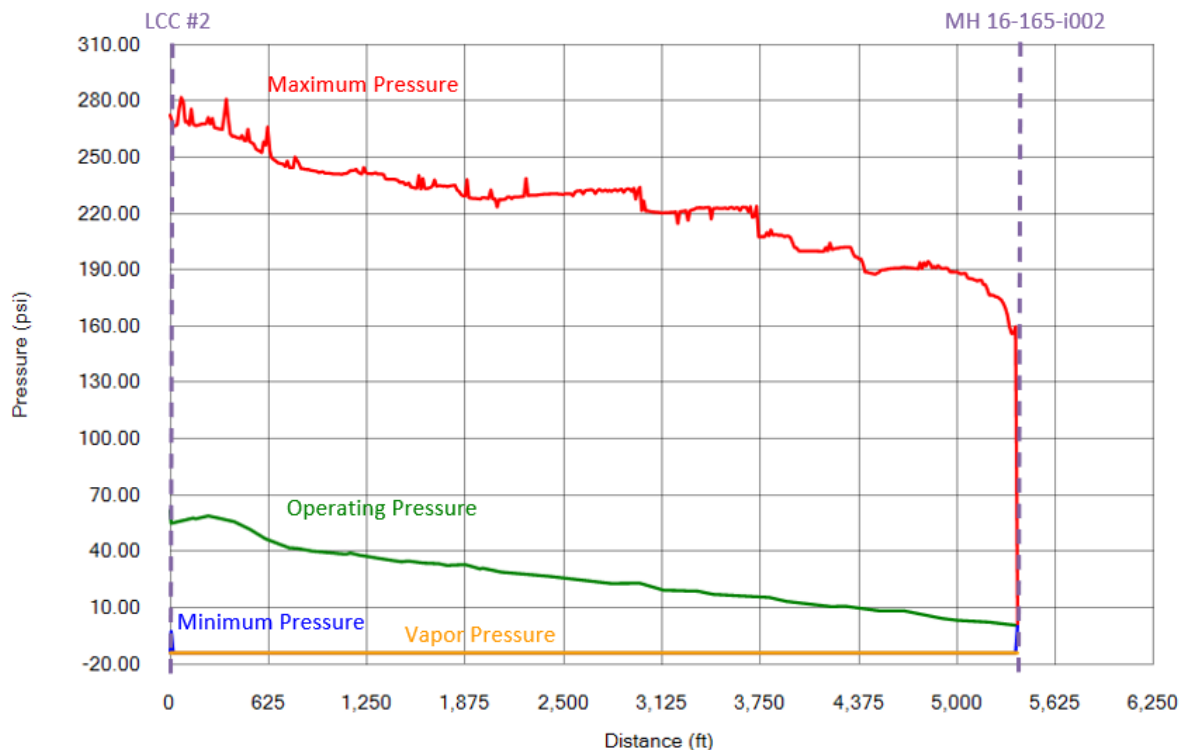


Figure 2. Transient pressure profile along LCC #2 force main, pump shutdown without RVSS

The model results also indicated that the transient pressures can be effectively controlled using RVSS as a short-term solution. The pressure profiles in Figures 3 and 4 show improved conditions in the system when RVSS was used to control pump shutdown over 30 and 60 seconds, respectively. It is recommended that RVSS is used to shut down pumps over 30 seconds. A longer pump shutdown duration of 60 seconds would provide additional improvement to minimum system pressures; however, a pump shutdown over this long of a duration can be stressful to the motors and electrical system. Field testing can be performed to verify the adequacy of a 30 second pump shutdown in controlling transient pressures. If field testing indicates a 30 second shutdown is not able to control the transient conditions, it is recommended the County confirm the capabilities of the RVSS with the supplier to determine if longer durations are possible. Additionally, RVSS should be considered to help control normal startup and shutdown of pumps in future design for all pump stations to control transient conditions.

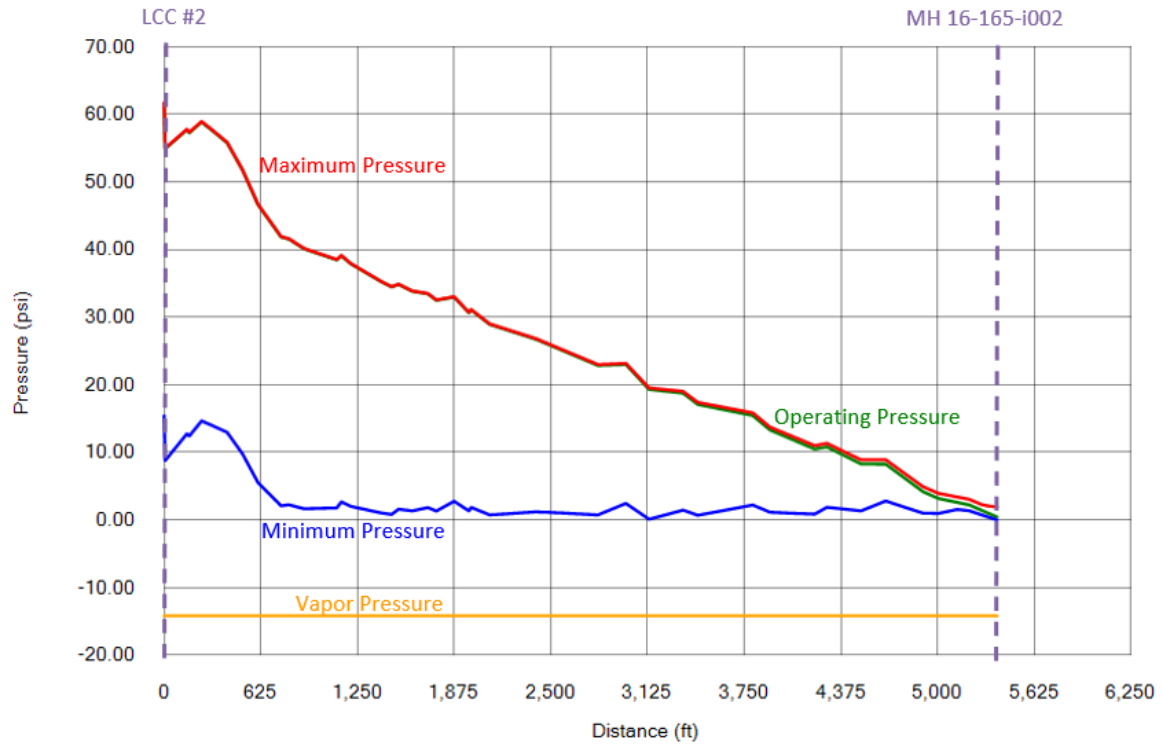


Figure 3. Transient pressure profile along LCC #2 force main, pump shutdown over 30s with RVSS

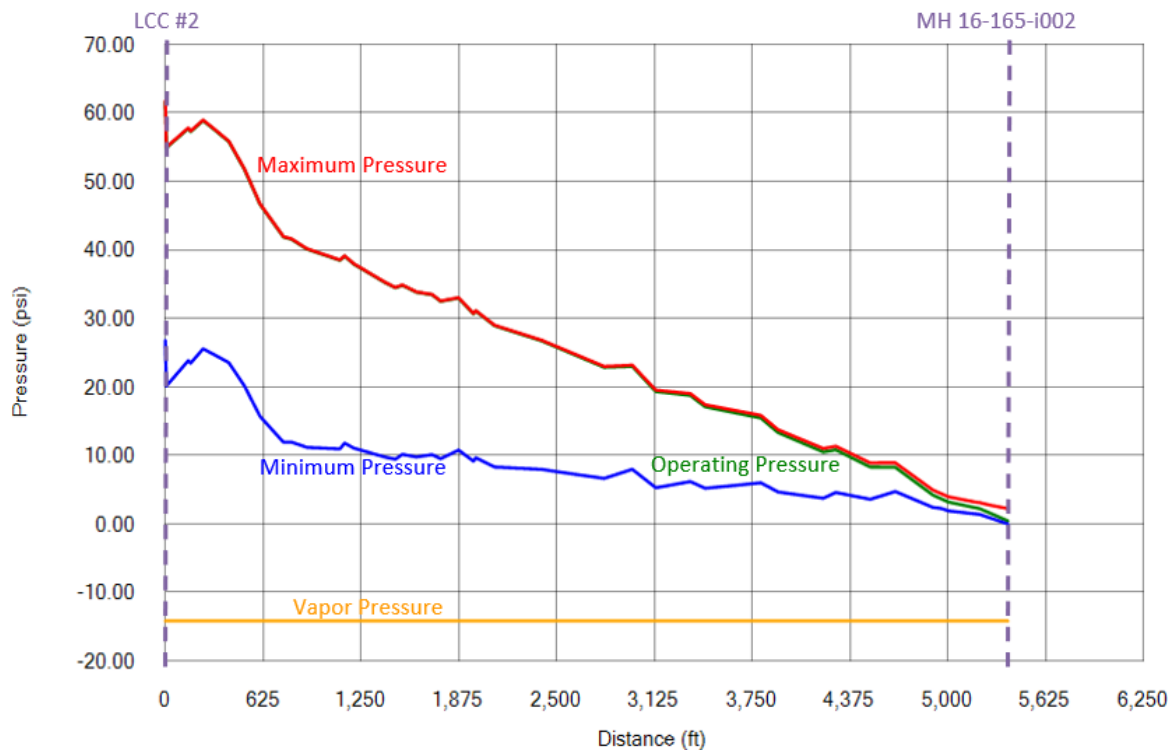


Figure 4. Transient pressure profile along LCC #2 force main, pump shutdown over 60s with RVSS

It should be noted that RVSS will provide sufficient mitigation for normal shutdown of pumps, but not during events such as power failure. Events such as power failure will require external devices such as flywheels or a hydro-pneumatic tank to control hydraulic transients. Such devices should be considered as part of the implementation of the long-term plan for this station.

5.2 Pump Startup Scenarios

The pump startup model simulations did not indicate significant high or low pressures in the system due to transient conditions during a pump startup with or without RVSS. The pressure profiles in Figures 5 and 6 show system pressures when a pump startup occurs without RVSS and over 30 seconds with RVSS respectively. It is recommended RVSS be used to startup pumps over 30 seconds to be consistent with the RVSS settings to mitigate transient conditions during pump shutdown.

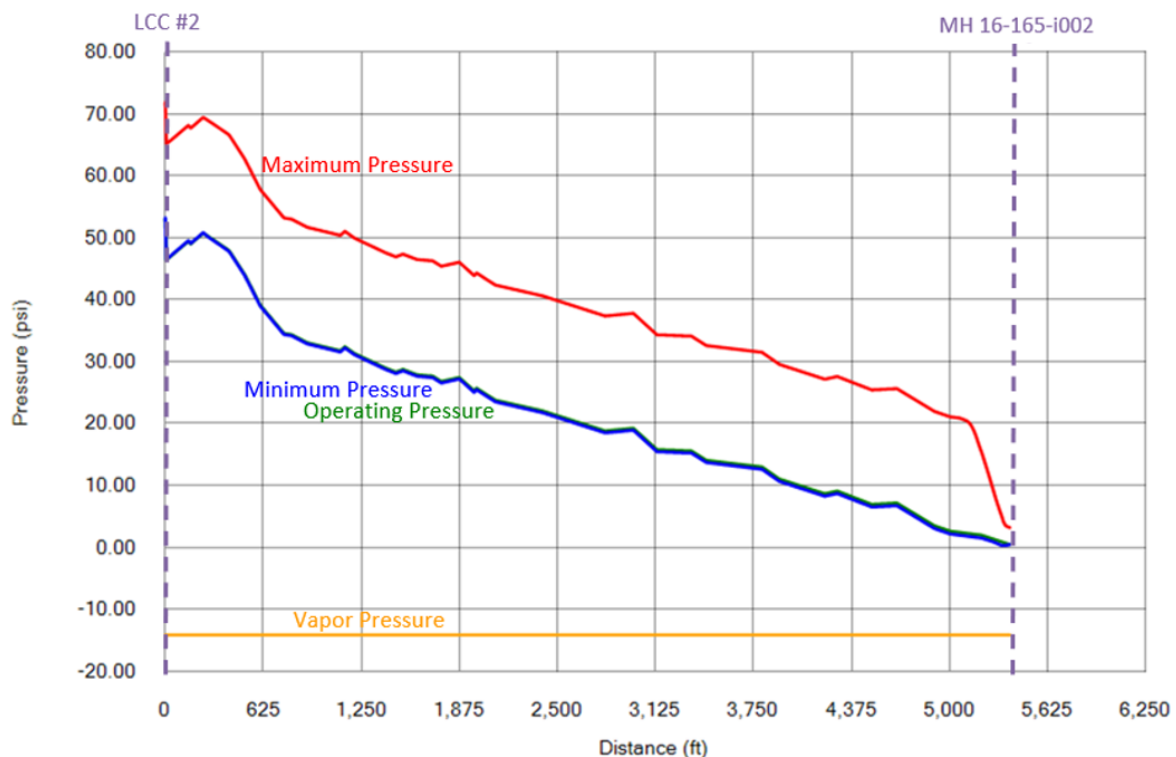


Figure 5. Transient pressure profile along LCC #2 force main, pump startup without RVSS

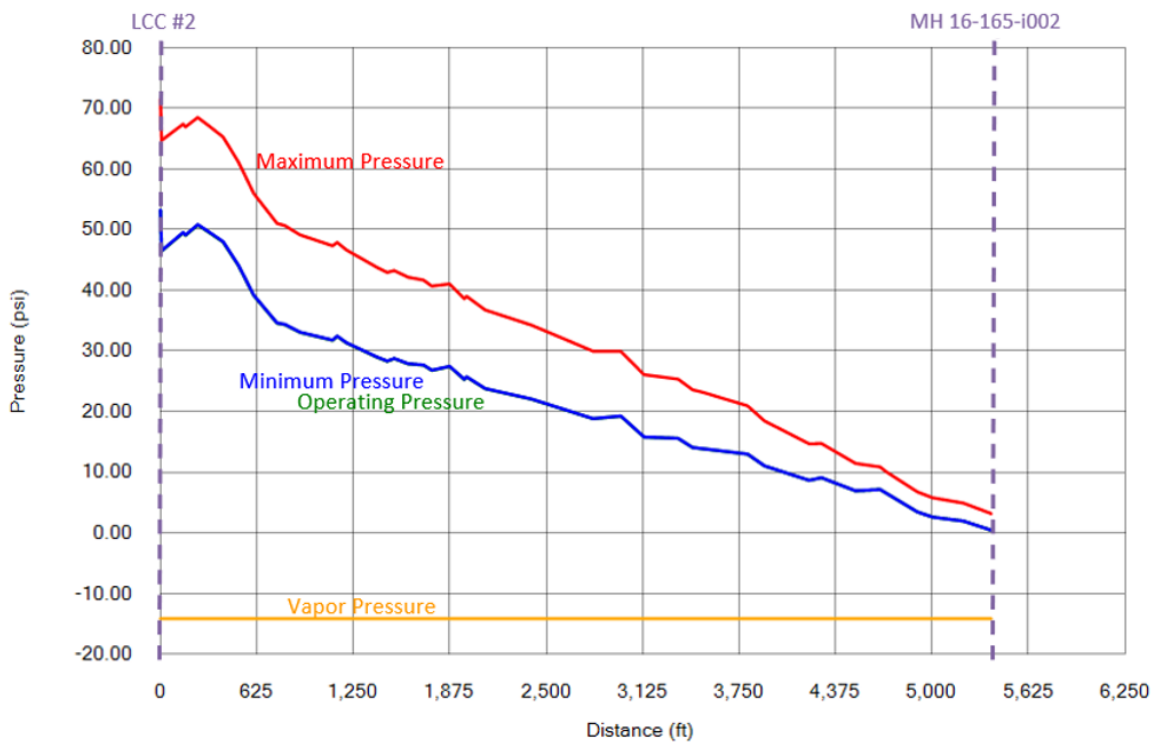


Figure 6. Transient pressure profile along LCC #2 force main, pump startup over 30s with RVSS

EXHIBIT 5

LOWER CROOKED CREEK 3 – FORCE MAIN DRAWINGS

FOR

DESIGN BUILD SERVICES FOR

UPGRADE OF LOWER CROOKED CREEK NO. 2 (LCC 2) PUMP STATION

DeKalb County, Georgia
Department of Watershed Management
180 Sams Street, Suite B3200
Decatur, Georgia 30030

Lower Crooked Creek 3 – Force Main Drawings are included on the DeKalb County Website
<https://sftp.dekalbcountyga.gov/f/975ae26cd134c5dd>
as an attached separate document

EXHIBIT 6

PUMP STATION ASBUILTS

FOR

DESIGN BUILD SERVICES FOR

UPGRADE OF LOWER CROOKED CREEK NO. 2 (LCC 2) PUMP STATION

DeKalb County, Georgia
Department of Watershed Management
180 Sams Street, Suite B3200
Decatur, Georgia 30030

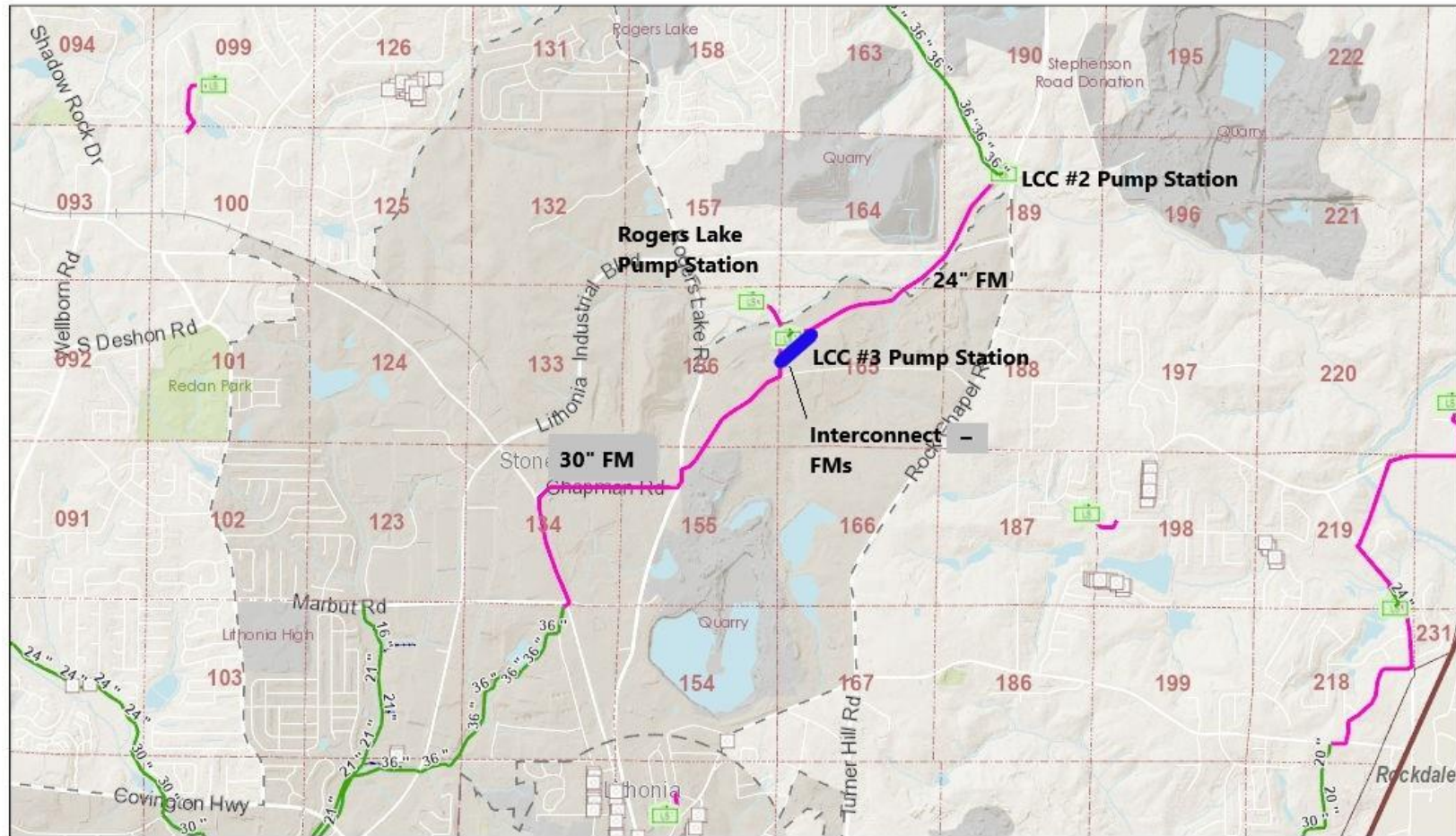
Pump Station AsBUILts are included on the DeKalb County Website
<https://sftp.dekalbcountyga.gov/f/13a315c9eaab08e9>
as an attached separate document

EXHIBIT 7

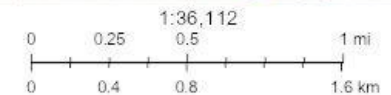
PROJECT MAPS

EXHIBIT 7 - PROJECT MAP

Printed View



9/22/2021, 9:55:27 AM



DeKalb County Watershed Management
The data provided in this map is provided for informational and planning purposes only. DeKalb County DWM is not responsible for the misuse or misrepresentation of the data.

EXHIBIT 8

PROJECT TECHNICAL REQUIREMENTS

EXHIBIT 8

PROJECT TECHNICAL REQUIREMENTS

Complete design, construction, and post-construction tasks, including performance testing, startup, commissioning, and operator training and support required for adherence to the following:

Basis of Design:

The following text offers a preliminary design basis to competitively procure the Project's final design and construction through a DB Firm for the pump station (PS) and associated pipeline improvements. The DB Firm shall use the project technical requirements, where appropriate, as outlined in the Lower Crooked Creek Pump Station project reference documents (reference Exhibits: 1, 2, 3, and 4) to assist with the Basis of Design. The general design considerations for each discipline are:

A. GENERAL:

- i. It is expected that the improvements to the Lower Crooked Creek PS 2, Rogers Lake PS, force main interconnection, and the LCC PS 3 demolition of associated equipment and systems will be designed and constructed to comply with all current Federal, State, and local codes, also all associated industry standards and practices.
- ii. Proposed Drawings and Construction Specifications – The final set of construction documents will include all pertinent information required for a professional 100% submittal of construction documents sealed “Issued for Construction”. Construction drawings will be provided for each discipline and properly labeled and numbered. Attention shall be placed on references and cross references to prevent confusion in relating details to plans views and sections. In addition, these documents will include all as-built information picked up during the construction process.
- iii. DWM expects that a dry pit/wet well type pump station will be constructed given the requirement for two-stage pumping. The pumps can be submersible dry pit installed or more typical dry pit centrifugal pumps. If submersible pumps in dry pit application are used, the DB teams need to be aware that DWM has standardized on **Flygt Pumps**. Given the complexity of two-stage pumping (2 pumps in series), DWM will require VFD control integrated with PLC controls for pump set start-ups and shut-downs.
- iv. A complete travel bridge crane will need to be provided over the footprint of the dry pit to ensure ease of future maintenance. Provisions for the crane to reach the loading area (maintenance or service flat-bed truck) shall be required.

B. CIVIL:

- i. Civil design associated with the PS improvements will be constructed in the area of the existing PS. Finish grades shall be designed so that storm water is diverted away from structures and matches existing drainage paths without pooling.
- ii. All new driveways and/or modifications to existing driveway or parking facilities shall be designed so that all storm water flows off the pavement.

- iii. Design sidewalks so there will be no standing water on the hardscaped surfaces during or after a wet weather event.
- iv. If existing driveways, parking, or sidewalks within the “Limit of Work” do not satisfy the requirements above, provide design improvements to mediate the problems. Security Fencing - the existing PS site is presently fenced and secured with a security gate
- v. Finish the disturbed area around the facility to match the existing landscaping. Some vegetation buffers should be considered to buffer selected areas so that the facility blends in with the surrounding community.
- vi. If the improvements to the existing force main requires that public Right- Of-Way (ROW) pavement be removed and/or earth be excavated, the DeKalb Standard Details shall be followed when making the repairs.
- vii. Before entering the sewer easement, the DB team shall confirm that there is a legal right to enter the easement.
- viii. Secure a legal right to enter and use land in addition to the sewer easement that may be required for driveways, laydown area, and excavated material stockpile.
- ix. After all work in the easement, return all property to the original condition as defined in DeKalb County Standards.
- x. Preserve and restore all areas of work to avoid site degradation and erosion while minimizing offsite environmental impact.
- xi. Wash-down wastewater shall be piped, pumped, or directed to the wet well of the PS.
- xii. Sump-pumps shall be located so that there is easy access for O&M.
- xiii. Utility Piping and Appurtenant Structures – Potable water, electricity and telephone utilities are available on or near the Project PS site. Portable services will have to be mobilized at the site of the sewer improvements.
- xiv. Erosion Control – The DB Contractor will obtain all necessary approvals and permits and provide all controls to meet temporary and final land disturbance requirements on this Project. Erosion control measures SHALL meet standards of the Georgia Soil and Water Conservation Commission (GSWCC) *Manual for Erosion and Sediment Control in Georgia* (latest edition).

C. ARCHITECTURAL:

- i. Exterior features of proposed buildings shall reflect the architecture of the existing facilities that remain or surrounding areas and must be a part of the 60% design submitted for DWM review and approval.
- ii. Fire Protection and Safety – Fire protection and safety should be a design consideration in all enclosed spaces with electrical and/or mechanical equipment and combustible fuels.

D. STRUCTURAL:

- i. New structures proposed as part of this Project shall reflect the service requirements and design standards applicable to projects of this nature.
- ii. Hoisting Equipment – The station will be equipped with hoisting equipment designed to handle the loads expected during normal operations and maintenance.
- iii. Materials – All structural materials shall be identified in the appropriate technical

specifications.

E. ELECTRICAL:

- i. The County favors the selection of equipment that are readily available in the industry (off-the-shelf), and equipment with similar specification presently being used at other PSs within the system. This should be considered with close coordination with the County DWM Operations Staff. Note that collaboration with the County DWM Operations Department on decisions associated with the selection of equipment does not relieve the Design-Builder of their engineering and design responsibility for the final product.
- ii. Equipment Layout – Equipment will be located such that there will be no congested spaces in which DWM Operations Staff will be required to enter in which they perform operations or maintenance. Easy access to the sump pump shall be provided. No obstructions that can trap debris shall be placed in areas where wash water is expected to flow on its way to the sump.
- iii. Electrical Room – HVAC is required to maintain an ideal ambient temperature for the key electrical and control equipment components.
- iv. Piping and Valves – The piping inside the pump station will be flanged ductile iron pipe, Thickness Class 53, conforming to AWWA A21.50, A21.51, and A21.15. Restrained flexible couplings will be installed to isolate the pumps from the piping and prevent the transmission of vibrations from the pumps to the piping. All pumps will be provided with isolation valves on both suction and discharge piping to ensure ease of future maintenance and repairs.
- v. Water Supply – Water supply to the Project and to the proposed PS will be a connection to the water supply service to the existing PS.
- vi. Drainage – All PS wash-down water shall be piped to the wet well. Storm drains from roofs shall be piped away from the structures to natural drainage paths.
- vii. Power to be used during construction is available at the main PS panel.
- viii. The electrical and piping of the new PS shall be new.

F. MECHANICAL:

- i. The pump station will be heated and ventilated to maintain between 55 degrees Fahrenheit (°F) minimum and 110°F maximum.
 1. Heating will be provided by electric unit heaters with integral thermostats sized to control the temperature in the required areas with wall mounted controls.
 2. Ventilation will be provided by exhaust fans, of the quantity and sizes required to control the temperature in the required areas with wall mounted controls.
 3. The electrical room will be air conditioned to maintain 80°F maximum. The HVAC system can be ducted or ductless. The system shall be able to operate for long periods and be able to communicate its operations to a remote location via a SCADA system.

G. INSTRUMENTATION:

- i. Pumping station flow will be measured by a meter designed for this service. The meter shall be constructed in a concrete vault with a removable protective cover and a man access. The top of the vault shall be placed above the 100-year flood

plain elevation. Based on the difference in elevation between the finish grade and the top of the vault, a ladder and safety railing may also be required. The meter will be connected to the SCADA system so that continuous operating data can be collected and saved to a remote location. The meter assembly shall include a piped bypass system to allow future maintenance and replacement.

- ii. Pumps will be controlled based on header pressure and float switches.
- iii. Motors will be provided with temperature and vibration sensors/transmitters.
- iv. The PS will be connected to a processor/panel, which will be connected to the SCADA system for communicating PS operating data to a remote location. System will be similar to the Lithonia Pump Station.
- v. Building security system will be connected to the SCADA system.
- vi. The fire detection and alarm system will be connected to the SCADA system.

H. PERMITTING

- i. Permitting requirements will be investigated and reported to DeKalb County DWM. The DB Contractor will be responsible to obtain and pay for all permits.

Technical standards to which the design shall adhere include, but are not limited to:

- DeKalb County's Department of Watershed Management Design and Construction Standards
- Georgia Environmental Protection Division Minimum Standards for Public Water Systems (includes 10-States Standards – Latest Edition)
- Codes adopted and enforced by DeKalb County:
 - o International Building Code, 2012 Edition, with Georgia Amendments
 - o International Mechanical Code, 2012 Edition, with Georgia Amendments
 - o International Plumbing Code, 2012 Edition, with Georgia Amendments
 - o International Fire Code, 2012 Edition, with Georgia Amendments
 - o International Energy Conservation Code, 2009 Edition, with Georgia Supplements and Amendments
 - o NFPA National Electrical Code, 2014 Edition
 - o 2012 NFPA 101 Life Safety Code with all Georgia State Amendments
 - o 2010 ADA Standards for Accessible Design
 - o Georgia Accessibility Code Chapter 120-3-20, as amended
- Design and Code Criteria - DeKalb County in addition to the DeKalb County DWM Design Standards, the Project will conform to the following Georgia State Codes in effect:
 - o International Building Code, (IBC) 2012 Edition with Georgia Amendments, See Georgia Department of Community Affairs for specifics.
 - o NFPA 101 Life Safety Code Georgia State Accessibility Code
 - o OSHA – Occupational Safety and Health Act Regulations, Latest Edition
 - o Codes and standards – structural design will conform to the International Building Code, 2012 Edition with Georgia Amendments. Loading criteria and loading combinations for buildings and structures shall conform to the American Society of Civil Engineers Minimum Design Loads for Buildings and Other Structures (ASCE 7-10) unless more severe loadings are required by the applicable building code. Design and placement of structural concrete shall conform to the American Concrete Institute Building Code Requirements for Reinforced Concrete (ACI 318- 11).

Design, fabrication, and erection of structural steel shall follow the American Institute of Steel Construction Specification for Structural Steel Buildings (ANSI/AISC 360-10) and the 14th Edition (2010) of the AISC Manual of Steel Construction. Welding procedures and qualifications for welders shall follow the recommended practices of the American Welding Society D1.1 Structural Welding Code. Design and erection of masonry materials of brick, concrete block, or structural tile shall conform to the current Building Code Requirements for Masonry Structures (ACI 530 / ASCE 5/ TMS 402) and the Specifications for Masonry Structures (ACI 530.1 / ASCE 6-99 / TMS 602) reported by the Masonry Standards Joint Committee.

- o Codes and Standards - International Building Code: 2012 Edition with Georgia Amendments. NFPA Codes & Standards. International Mechanical Code: 2012 Edition Georgia Amendments. International Energy Conservation Code: 2009 Edition with Georgia Amendments.

Land and Easements:

DeKalb County has all required property in hand to construct the work associated with the Project for the actual LCC 2 new pump station construction. The DB team may identify other easement requirements (temporary or permanent) and will need to provide DWM plats and legal descriptions for any additional easements needed (particularly for the Rogers Lake PS upgrade work).

Utilities:

- DB Contractor to coordinate water service with DeKalb DWM.
- DB Contractor to coordinate electrical service with DeKalb DWM.

Demolition and Removal of Existing Equipment from the Lower Crooked Creek PS 3 and Lower Crooked Creek PS 2:

The DB Contractor shall include in their Cost Proposal, the lump sum cost to include the following:

1. The generators are to be removed and transported to Snapfinger Creek AWTP by the DB Contractor.
2. Remove and properly dispose of all other equipment and material as required from the site of the pump stations including but not limited to the equipment foundation, and underground piping as required. The site shall be graded to match existing grades. All holes shall be filled and compacted with clean excavated material from the construction. Demolition activities shall be performed in accordance with the current standards and the DWM-approved Specifications.

EXHIBIT 9

PROJECT PERMITTING REQUIREMENTS

EXHIBIT 9

PROJECT PERMITTING REQUIREMENTS

The table below provides a summary of the major anticipated permits that will require the involvement of the DB Contractor. In some cases, responsibility for securing and complying with the permit may be shared, and in others these responsibilities will be delegated solely to the DB Contractor or to the County.

Summary of Anticipated Project Permitting Requirements				
Permits	Permit Details	County Responsibility	County and DB Contractor Joint Responsibility	DB Contractor Responsibility
Georgia EPD Wastewater Construction Permit (Project is larger than 1 mgd capacity)	DB Contractor will be responsible for permit application, changes as needed to obtain Georgia EPD approval, and paying all permit fees.			X
Georgia EPD NPDES Construction General Permit for Stormwater	The County will be the Legally Responsible Person (LRP). DB Contractor will be responsible for permit application preparation and paying the fees.			X
Georgia EPD Stream Buffer Variance (if required)				X
DeKalb County Land Disturbance Permit				X
DeKalb County Building Permit				X

EXHIBIT 10

TECHNICAL GUIDE SPECIFICATIONS

FOR

DESIGN BUILD SERVICES FOR
UPGRADE OF LOWER CROOKED CREEK NO. 2 (LCC 2) PUMP STATION

DEKALB COUNTY, GEORGIA
DEPARTMENT OF WATERSHED MANAGEMENT
180 SAMS STREET, SUITE B3200
DECATUR, GEORGIA 30030

Technical Guide Specifications are included on the DeKalb County Website
<https://sftp.dekalbcountyga.gov/f/628d8645b48f205f>
as an attached separate document