RFP #42-013, Progressive Design/Build Services for the Spout Springs WRF Upgrade Project		ENGINEERING		CONSTR	LUCTION	TOTAL		
		LANIER CONTRACTING	REEVES YOUNG	LANIER CONTRACTING	REEVES YOUNG	LANIER CONTRACTING	REEVES YOUNG	
ITEM	ITEM DESCRIPTION	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	
1	CHEMICAL BUILDING	\$8,400.00	\$15,000.00	\$185,405.00	\$167,155.00	\$193,805.00	\$182,155.00	
2	METERING PUMP SYSTEM	\$4,625.00	\$21,000.00	\$29,100.00	69648	\$33,725.00	\$90,648.00	
3	YARD PIPING	\$3,400.00	\$21,000.00	\$23,500.00	\$13,929.00	\$26,900.00	\$34,929.00	
4	ELECTRICAL WORK	\$5,000.00	\$17,000.00	\$39,845.00	\$16,715.00	\$44,845.00	\$33,715.00	
5	SCADA SYSTEM	\$4,300.00	\$13,000.00	\$18,610.00	\$11,143.00	\$22,910.00	\$24,143.00	
6	BASE ESTIMATE	\$25,725.00	\$87,000.00	\$296,460.00	\$278,590.00	\$322,185.00	\$365,590.00	
7	CONTINGENCIES	\$1,000.00	\$11,000.00	\$14,000.00	\$25,000.00	\$15,000.00	\$36,000.00	
	TOTAL PRICE	\$26,725.00	\$98,000.00	\$310,460.00	\$303,590.00	\$337,185.00	\$401,590.00	

RECOMMENDED AWARD:

LANIER CONTRACTING CO., SUWANEE, GA - \$337,185.00

BUDGET AMOUNT:

\$350,000.00

TOTAL AWARDED AMOUNT: \$337,185.00

BIDS MAILED: 39

HALL: 1

BIDS RECEIVED: 2 (1-NO BID) HALL: 1 FUNDS: SEWER FUND - INFRASTRUCTURE

Page 1 of 1 Filename: 42-013 Bid Tab



December 16, 2021

Mr. Chuck Pinney, Purchasing Supervisor Financial Services, Purchasing Division Hall County 2875 Browns Bridge Rd Gainesville, GA. 30504

RE:

Spout Springs WRF Upgrades

Hall County, GA

Dear Mr. Pinney:

Thank you for the opportunity to provide this Proposal to perform Design/Build Services on the Spout Springs WRF Upgrades Project. As usual, we welcome the opportunity to work with Hall County Public Works on any of their Water Treatment and Wastewater Treatment Projects. We are particularly excited about this project as we are very familiar with the facility and have a rich history of executing several past projects on site there.

Lanier Contracting Company (LCC) will be partnering with Civil Engineering Consultants (CEC) to form the Design/Build team for this project. The following is a brief introduction of each firm.

Lanier Contracting Co.

Lanier Contracting Co. is a licensed General and Utility Contractor located in Suwanee Georgia and was incorporated in 1977. LCC was founded by Tim Tieslau, P.E. who is presently retired. LCC is now owned and operated by his son, Brian Tieslau who serves as President. The present organizational structure includes four (4) project manager/estimators and six (6) field superintendents.

During LCC's 46 years of operation, our work has focused on the installation, renovation, and/or repair of water and wastewater treatment systems and related equipment. Our customer base includes both municipal and industrial clients, and our work experience includes bid/build projects, design/build projects and repair/rehab service projects.

Civil Engineering Consultants

Civil Engineering Consultants is located in Marietta, Georgia and is in its 37th year of business. CEC will be providing the Professional Engineering Services for the Project. CEC has extensive experience in serving medium-sized municipalities from project conception through final construction record drawings, including project bidding and construction management.

CEC's Design Professionals average 10 plus years' experience designing and providing construction services for water and wastewater infrastructure projects. All Design and Construction Services on featured projects have been performed by CEC's current Design Professionals. The featured projects highlight CEC's experience in design complex water infrastructure projects.

LCC and CEC can attest that the information contained in this proposal is accurate and true. We can also attest that the LCC and CEC Design/Build team will have no problem meeting the insurance and

payment and performance bond requirements listed in Attachment B of the RFP and intend to execute the Agreement with Hall County as a single entity if selected for the project.

Contact Information

The following is a list of the main contacts that will be involved with the project:

Lanier Contract Company:

Brian Tieslau, President

E-mail: brian@laniercontracting.com

Phone (o): 770-932-1800

(cell): 404-441-1444

J. Ted Ankerich, Project Manager

E-mail: tankerich@laniercontracting.com

Phone (o): 770-932-1800

(cell): 706-540-2798

Civil Engineering Consultants:

Andy Lovejoy, P.E., President E-mail: andy@cecincga.com Phone: (o): 770-977-5747

(cell): 404-717-5809

Chuck Butterfield, P.E., Design Engineer/Project Manager

E-mail: chuck@cecincga.com Phone: (o): 770-977-5747

(cell): 678-650-0732

Brian Tieslau and Andy Lovejoy will serve as legal signatories.

Sincerely yours,

LANIER CONTRACTING COMPANY

Brian Tieslau President



Project Understanding

Our Design Build team is very familiar with the project site. CEC designed the original Spouts Springs WRF, and Lanier Contracting installed the existing dewatering building and also installed the existing caustic system identified for removal as part of this Upgrade Project. We understand the project consists of two phases, with Phase 1 a 30% design with an open book construction contract price for Phase 2. A GMP must be accepted with authorization from Hall County before Phase 2 can begin. In Phase 2 of the project, design completion, equipment procurement and construction, testing and commissioning services are to be provided.

The project must be completed and in operation by November 2022 to meet EPA permitting requirements.

We understand cost control is Hall County's top priority, with schedule and safety running a close second. Our Design Build team has carefully reviewed the RFP and developed a Technical Approach to provide Phase 1 and Phase 2 services. The project construction method is Progressive Design Build with the selected project team working together with Hall County to implement the design and construction.

Design Build Team Attributes

Our team offers comprehensive design build services with the goal of providing best value engineering and construction services to Hall County. Our team attributes include:

- · Familiarity with the project site and previous construction activities
- Flexibility to meet fast paced schedules and priorities
- · Our engineers always investigate ways to minimize cost without sacrificing quality
- Established relationships with equipment vendors
- Local capability to provide post construction support
- Construction contractor with an excellent reputation and record
- Ability to listen to specific client needs
- Safety record that exceeds expectations

Conceptual Design and Project Delivery Approach

In Phase 1 our team will develop a 30% preliminary design. This design will be used to develop an "open book" based cost estimate detailing indirect and direct costs for Phase 2 of the project. A cost estimate submittal detailing the cost breakdown and 30% plans will be submitted for review and comment to Hall County at completion of Phase 1 services. The cost estimate submittal development will follow the guidelines provided in the RFP. We understand the budgetary constraints have been set and we intend on achieving your goal at a lower overall project cost. A GMP built upon the Phase 1 Cost Estimate Submittal must be approved and authorization from Hall County to proceed with Phase 2.

The following narrative describes several tasks to be undertaken during Phase 1 and 2.

Develop a Critical Path Schedule

In Phase 1, a critical path schedule will be prepared for the entire project. Our approach to development of the critical path is collaborative with engineering and construction team members working side by side sharing information along with team member expertise to develop a working plan using Sure Track scheduling software. In the preparation of this proposal, we have taken the initial steps to developing a



collaborative environment with engineering and construction team members providing input and ideas to develop a winning approach.

The critical path schedule defines the project activities and outlines specific dates for completion of each milestone. Progressive Design Build requires periodic refinement of the critical path milestones. The refinement will be performed in coordination with Hall County staff, material/equipment suppliers and members of our Design Build team.

A preliminary critical path schedule for the project is shown on the following page in **Figure 1.** The schedule was developed using information provided in the RFP in combination with our team's experience with engineering and construction of similar type projects.

Our preliminary schedule for completion of Phase 1 is 30 days from Notice to Proceed. For Phase 2, from notice to proceed to commissioning of equipment is 96 work days.

Our critical path assumes permitting and plan review by EPD is required for this project. We anticipate adding float days to the refined critical path schedule to accommodate items such as County Building Review. Our preliminary critical path schedule includes time for GMP Development and Acceptance from Hall County.

We intend on using a Phase 1 Kickoff meeting with Hall County to present our critical path for the project and obtain critical feedback on our plan and our assumptions. Prior to the kickoff meeting, vendors for the metering pump, building and electrical equipment will provide our team with updated equipment delivery dates and/or delays our team needs to account for in developing the refined critical path schedule.

Maintenance of plant operations during construction or MOPO, is a critical aspect often overlooked. A MOPO plan is critical to the development of a critical path schedule. During Phase 1 a MOPO plan identifying when, where, and for how long our contractor has to complete critical construction activities will be prepared.

As with all design and construction projects, there are risks that can affect schedule and delivery of the project. A discussion on risks is presented later in this section.

Project Management

Time to manage the project in accordance with the work plan to meet the critical path milestones and completeness of work is under this task. Our plan is to manage engineering and construction activities in accordance with the GMP budget.

Monthly reports will be submitted to Hall County detailing project progress during all phases of the Project.

Our engineering team will be responsible for preparing meeting agendas and meeting minutes. During construction activities the engineering team will provide technical support to our construction team. During construction, Lanier Contracting will manage all the construction activities with regular communication between the design engineer and the on-site construction superintendent. Monthly construction progress meetings are planned for Phase 2.

Project Quality Control

Our engineering team intends on using our typical internal peer review and documented policies and procedures for your project. Each deliverable undergoes a review prior to release to our clients. This review provides better designs and minimizes change that can negatively impact the critical path schedule. The team's engineering subconsultant for Electrical /Instrumentation design services will follow their own internal quality control review procedure.



Figure 1 – Critical Path Schedule

2022														
ct ID	Description	Orig		Early	DEC JAN	FEB	MAR	APR	MAY	JUN	JUL		AUG	SE
		Dur	Start	Finish	27 03 10 17 24	31 07 14 21 2	8 07 14 21 2	8 04 11 18 25 0	02 09 16 23	06 13 20	27 04 11 1	8 25 01 (08 15 22 2	29 05
	1. Project Intitiation													
00	Kick-off Meeting	1d	03JAN22	03JAN22	Kick-off Meeting									
10	EPD Permitting Requirements	2d	04JAN22	05JAN22	■ EPD Permitting	g Requirements								
	2. Phase 1 Services	_												
00	Review Data	9d	03JAN22	13JAN22	Review Da	ta								
10	Field Survey	5d	03JAN22	07JAN22	Field Survey									
20	Mobilize Geotechnical	5d	03JAN22	07JAN22	Mobilize Geo	technical								
30	Prepare 30% Plans	9d	03JAN22	13JAN22	Prepare 3	0% Plans								
40	Prepare Cost Estimate & Summary	14d	14JAN22	02FEB22		Prepare Cos	t Estimate & Sumn	nary						
50	QC Review of 30% Phase 1 Documents	3d	02FEB22	04FEB22		QC Review	of 30% Phase 1 D	ocuments						
60	Submit Phase 1 Documents	1d	04FEB22	04FEB22		Submit Pha	se 1 Documents							
	3. Preliminary Consultation/Project	ct Ana	lysis											
00	Hall County Review Phase 1 (assumed)	5d	07FEB22	11FEB22		Hall Co	unty Review Phas	e 1						
10	Design/Build Team and Hall County Meeting	1d	14FEB22	14FEB22		l Design/E	uild Team and Ha	Il County Meeting						
20	Hall County Authorize Development of GMP	0	15FEB22			♦ Hall Co	unty Authorize De	evelopment of GMP						
	4. GMP Development			-										
00	Prepare Contract Price for Phase 2	9d	15FEB22	25FEB22			Prepare Contrac	t Price for Phase 2						
10	Prepare Phase 2 Schedule	4d	22FEB22	25FEB22			Prepare Phase 2 S	chedule						
20	QC GMP	2d	28FEB22	01MAR22			QC GMP							
30	Submit GMP	1d	02MAR22	02MAR22			Submit GMP							
40	Hall County Review GMP (assumed)	8d	03MAR22	14MAR22			Hall Coun	ty Review GMP				7	THE P	
50	Design Build Team and Hall County Meeting	1d	15MAR22	15MAR22				ild Team and Hall Co	ounty Meeting					
60	Revise GMP (If Needed)	4d	16MAR22	21MAR22			The state of the s	GMP (If Needed)						
	5. GMP Acceptance													-
00	Phase 2 Overall	1d	21MAR22	21MAR22			Phase	2 Overall						
	6. Phase 2 Design Service	25						No. of the last of						
00	Complete Design Services	9d	21MAR22	31MAR22				Complete Desig	n Services					
10	Permitting and GA EPD Review (assumed)	30d		12MAY22						nitting and GAE	PD Review			
	7. Submittals/Procuremen	-	10.11.0.11.00	1.2						mining units care	, D Mericii			
00	Procurement of Equipment	79d	21MAR22	08JUL22				The state of the s	NAME OF TAXABLE PARTY.		Procure	ment of Equ	inment	
	8. Construction	1	1	1							Trocure	ment of Equ	ipinent	-
00	Mobilization	2d	01JUN22	02JUN22						Mobilization				
10	Stone/Rebar/Form Slab On Grade	12d	03JUN22	20JUN22							ne/Rebar/Form	n Slah On Gi	ahe	
20	Electrical Rough-in	5d	21JUN22	27JUN22							Electrical Ro		duc	
30	Piping Rough-ins	5d	23JUN22	29JUN22							Piping Rou			-
40	Slab On Grade (Includes Cure Time)	5d	30JUN22	07JUL22									cludes Cure Ti	ima)
50	Set FRP Building	1d	08JUL22	08JUL22								RP Building	Laca Cure I	
60	Piping/Install Pumps/Totes	10d	11JUL22	22JUL22									stall Pumps/	Totas
70	Electrical	10d	25JUL22	05AUG22				++++					ectrical	iotes
80	SCADA	5d	02AUG22	08AUG22									SCADA	
90	Start-up	1d	02AUG22	08AUG22										-
				IU9AUG22									Start-up	



Early bar
Progress Bar
Critical Bar
Summary Bar
Start milestone point
Finish milestone point

Risk Management

Every project has some level of risk. To mitigate risk, a work plan has to be flexible and coordinated with equipment, materials availability, and delivery. To mitigate risk on your project, our procurement process initiation coincides with beginning of Phase 2 design services because of long lead times for delivery of building and pumping equipment. We feel confident that our team's collaborative effort in Phase 1 will be sufficient to move forward with procuring long lead time procurement items.

Secondly, our quality control program is designed to identify mistakes in calculations, sizing, and materials selection prior to construction. Our design experience and strong relationships with equipment vendors also provides another level of risk management. Utilizing equipment vendor or "factory" input is a valuable tool we utilize commonly to mitigate design/construction risk.

Design and Coordination

We intend on using internal team "back and forth" coordination calls and/or meetings to identify ways to lower construction costs, increase quality and shorten the schedule. In Phase 1 we mobilize a survey crew to assist with verifying critical elevations and topo in the location identified for new construction. During Phase 1, based upon the location of the chemical building and preliminary design loads, our team will determine if a geotechnical analysis is required. If so, we will mobilize our team's geotechnical sub-consultant to provide the data for use in Phase 2.

During the internal meetings, Value Engineering opportunities and constructability issues will be vetted to enhance the quality of the design and ultimately the constructed end product. Our designers will rely on the expertise of the construction team to assist in developing a sequence of construction for the project.

Formal Design Meetings

Our team will conduct Design/ Construction Meetings with Hall County, as needed to transfer information and to facilitate decision-making. A progressive design build works well when all parties reach timely decisions. Failure to reach consensus may result in schedule delays and re-work. Agenda and meeting minutes will be prepared as necessary.

Design Development Report

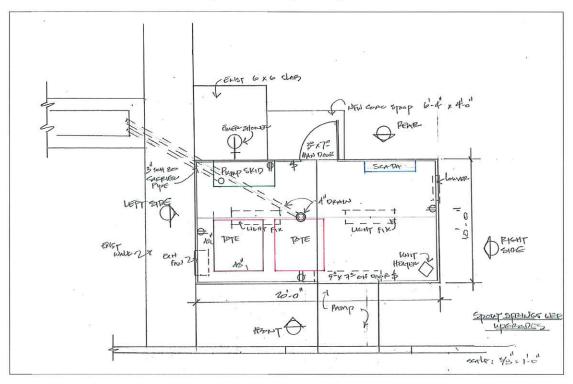
Our designers will utilize the existing DDR prepared by others as a basis for our design. We anticipate conducting a site visit to perform detailed review of existing processes, electrical and control systems.

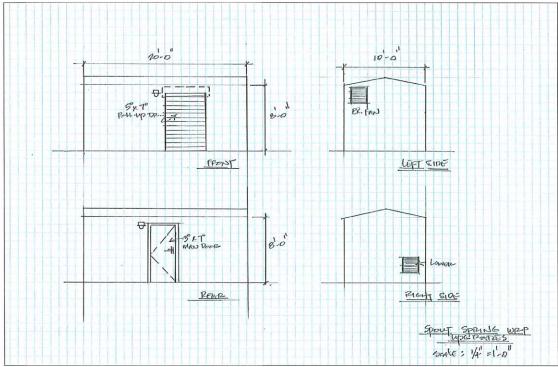
Facility Design Considerations

Using the DDR design parameters, our team developed a conceptual building layout shown in Figure 2.



Figure 2- conceptual layout





Below are bullet point facility design considerations our team will address during design.

- Safety of operations personnel when handling chemical totes. Include a tempered eyewash and safety shower. Metalsorb PCZ contains a polymer and when spilled is slippery. Utilize nonslip floor sealer or coatings.
- Design floor to accommodate use of manual pallet jack to maneuver totes.
- Chemical feed system conveyance system maintenance. Simple is better.
- Use proper materials of construction. Metalsorb PCZ is an alkaline substance and corrosive.
- HVAC
- Control interface with SCADA system. (Aqua Aerobics propriety operating system)
- Continued maintenance of operation during construction.

Permitting and GA EPD

Final design documents will be submitted to the regulatory agencies for approval. Our team will respond to comments from regulatory agencies in a timely fashion and obtain approval of the design from Georgia EPD.

Training and System Commissioning

Equipment vendors shall be responsible to provide training related to equipment they supply. Our team will coordinate this effort with the County, the equipment vendors, and Aqua Aerobics proprietary control system service provider. Upon satisfactory start-up of the equipment and SCADA interface, our team will oversee performance testing to confirm the equipment and controls meet the requirements of your project to lower zinc levels in the plant effluent to meet NPDES permit requirements.

Upon successful performance testing, Hall County will accept the project as completed.

Plant Operational and Maintenance Manual

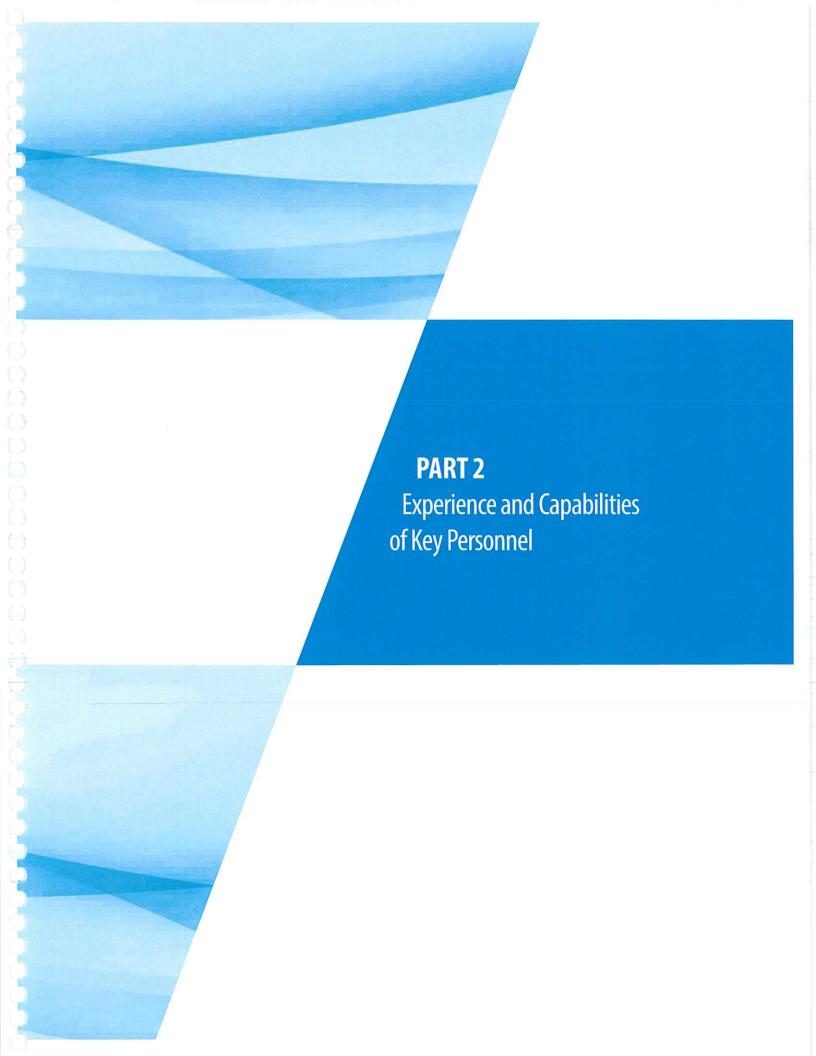
In accordance with the requirements of Addendum No.2, our team will prepare a Zinc removal section for incorporation into the existing plant Operational and Maintenance Manual. This work will be performed in Phase 2 of the project. Our team assumes Hard Copy and Digital versions of the Operational and Maintenance manual. During Phase 2 we will coordinate any Operational and Maintenance manual submittal and review process with EPD.

Cost Estimation Model Development

Our teams approach includes specific tasks listed below.

- Close interaction with design team to develop a design that lends itself to efficient construction methods and mitigates risk.
- Develop accurate and complete material takeoff in order to ensure that construction estimate reflects the actual cost of the work that is realistic.
- Solicit pricing from multiple venders and subcontractors in order to obtain competitive pricing (when proprietary products are not specified).
- Develop preliminary schedule in order to better determine accurate labor and equipment cost.
- Be transparent when delivering cost to Hall County.
- Develop an accurate schedule of values to accompany progress billings to the Hall County.
 Schedule of values should reflect the actual cost of the work.
- Share any savings with the Owner if project cost comes in less than the GMP.





Key Personnel



Andrew Lovejoy, P.E., President
Andy Lovejoy is Civil Engineering
Consultants' President and provides the
management of all CEC's projects. Andy

joined CEC in January of 2000 and has over 25 years of experience designing

and managing construction for complex water and water reclamation infrastructure projects for municipalities. Over the past five years, he has successfully managed projects totaling over \$50 million.



David Gauker, E.I.T, Chief Design Engineer - Wastewater Treatment David Gauker is Civil Engineering

Consultants Design Engineer in wastewater treatment projects and has 45 years of experience in the

operations, design, and construction of water and wastewater treatment plants. His expertise includes hydraulic design and process design including evaluations of various process alternatives to provide the best solution to the client. Being well versed in operations, Mr. Gauker understands the special challenges associated with the design and construction of retrofits and upgrades to existing facilities.



Charles Butterfield, P.E., Senior Design Engineer

Charles Butterfield, P.E. is Civil
Engineering Consultants' Senior Design
Engineer and prepares construction
drawings and engineering calculations

for CEC's water and sewer projects in and around the Atlanta Metropolitan area and has been with CEC since January 2021.



Purk Yotakhong, P.E., Senior Design Engineer

Purk Yotakhong, P.E. is a Senior Design Engineer at Civil Engineering Consultants who prepares construction drawings and structural

engineering calculations for restrained joint piping. Purk will oversee the layout of the water mains prepared by the project engineer. He has been with CEC since January 2017.



Mandy Ye, P.E., Project Engineer
Mandy Ye is one of Civil Engineering
Consultants' Project Engineers and
prepares drawings, reports and

performs calculations and layout for CEC's potable water projects. Mandy

will assist with hydraulic computations and support senior level engineers within the scope of this project. Mandy is also a certified water loss auditor #263.



Gina Moss, E.I.T., Project Engineer

Gina Moss is one of Civil Engineering Consultants' Project Engineers and prepares drawings, reports and performs calculations for CEC's water and water reclamation projects. Gina

will assist with hydraulic and process computations and support senior level engineers within the scope of this project. Gina is also a certified water loss auditor #295.



Ronald Creech, Construction Inspector

Ron Creech is Civil Engineering Consultants' senior field representative and has over 30 years of experience on all types of sewer and force main

projects. His responsibilities include daily observation of construction activities; preparation of daily reports; and reading of contracts, plans, specifications, and shop drawings to ensure conformity with them. Mr. Creech also processes monthly pay estimates and ensures that projects are completed according to the plans and specifications.

Proposed Hall County Project Team

Our proposed Design Professionals collectively have over 150 years of experience designing and providing construction services for potable water and water reclamation infrastructure projects. Five of CEC's engineers are registered Professional Engineers in the state of Georgia. All Design and featured projects have been designed and managed by CEC's current design professionals. These featured projects highlight our experience designing and constructing complex water and water reclamation infrastructures.

CEC offers in-house Survey, Staking, GIS Services as well as pre/post-development fire hydrant flow tests.

The Lanier Construction team will be led by Brian Tieslau. The design team will be led by Andy Lovejoy of CEC. Both managers will work together with Andy Lovejoy as primary lead during Phase I.

The flowchart below, represents the organizational team for this project.



LITIGATION HISTORY

Civil Engineering Consultants, Inc. has not failed to perform work and is not currently, nor have they been involved in any litigation in the firm's 35- year history. We have not failed to perform work.





4994 Lower Roswell Road, Suite 18 Marietta, Georgia 30068 770-977-5747 andy@cecincga.com www.cec.engineering

EMPLOYMENT

Civil Engineering Consultants, Inc. Marietta, GA 2000 - Present

Malcolm Pirnie, Inc. White Plains, NY 1997-1999

EDUCATION

Master of Business Administration, 2005 Graduate School of Business Georgia State University

Master of Science, 2003 Environmental Engineering Georgia Institute of Technology

Bachelor of Civil Engineering, 1996 Georgia Institute of Technology

REGISTRATION

Professional Engineer registered in the states of Georgia, Texas, Florida and South Carolina.

GSWCC Level II Certified Design Professional

Andrew E. Lovejoy, P.E.

President

GENERAL

Andy Lovejoy is Civil Engineering Consultants' President and provides the management of CEC's projects. Andy joined CEC in January of 2000 and has over 25 years experience designing and managing construction for complex municipal water infrastructure projects. Over the past five years, he has successfully managed projects totaling over \$50 million dollars.

PROJECT EXPERIENCE

Mulberry River Pump Station

Principal in Charge • 2021 • Hall County, GA • Provided project management and evaluation services to identify alternate pump back options to Spouts Springs WRF.

Spout Springs Wastewater Treatment Plant

Principal in Charge • 2000-2006 • Hall County, GA • Provided design and scope of work for 50,000 GPD interim facility, 750,000 GPD WRF and 1.0 MGD expansion, as well as construction administration and inspection and design assistance. Obtained all permitting through EPD including DDRs, plans and specifications and wasteload allocation.

Reunion Pump Station

Project and Manager • 2000-2002 • Hall County, GA • Design included the construction of a duplex station housing two-130 HP Flygt pumps (1,600 gpm at 216-ft) and a standby generator.

City of Cumming PWPF Chemical Feed System and Taste and Odor Facility Principal in Charge • 2016-2021 • City of Cumming, GA • Provided design and scope of work to design new buildings and chemical systems to convert existing chemical systems into SCADA controlled liquid feed chemical systems. Included the conversion of gaseous chlorine disinfection for liquid Sodium Hypochlorite disinfection.

REFERENCES

Mr. Christopher Dillard, Project Engineer, CCMWA Cell: 770-616-5668 Email: cdillard@ccmwa.org

Mr. Jonathon W. Heard, Director of Utilities, City of Cumming Cell: 404-379-4641 Email: jon.heard@cityofcumming.net

Mr. Richard Wittman, Project Engineer, Cobb County Water Telephone: 770-419-6326 Email: Richard.Wittman@cobbcounty.org







4994 Lower Roswell Road, Suite 18 Marietta, Georgia 30068 770-977-5747 david@cecincga.com www.cec.engineering

EMPLOYMENT

Civil Engineering Consultants, Inc. Marietta, GA 2020 - Present

Atkins Global Atlanta, GA 2000-2020

EDUCATION

B.S., Environmental Science, 1974 Purdue University

REGISTRATION

Former Licensed Wastewater Operator, Indiana Engineer-in-Training (EIT),

Georgia EIT021160, 2003

David L. Gauker, E.I.T.

Chief Design Engineer-Wastewater Treatment

GENERAL

David Gauker is Civil Engineering Consultants Design Engineer in wastewater treatment projects and has 45 years of experience in the operations, design, and construction of water and wastewater treatment plants. His expertise includes hydraulic design and process design including evaluations of various process alternatives to provide the best solution to the client. Being well versed in operations, Mr. Gauker understands the special challenges associated with the design and construction of retrofits and upgrades to existing facilities. Using process experience in combination with recommended operational changes has saved clients millions of dollars by re-rating and process optimization in lieu of major construction. He has also participated in value engineering studies determining cost effectiveness, constructability, and suitability. His industrial project experience includes a fueling terminal and wastewater pretreatment facility upgrades.

PROJECT EXPERIENCE

Mulberry River Pump Station

Senior Design Engineer • 2021 • Hall County, GA • Provided design services to evaluate wet well mixing options and re-evaluate pump back options to convey wastewater to the Spouts Springs WRF.

Farmersville Wastewater Treatment Plant

Process Engineer • 2019-2020 • Farmersville, GA • Responsible for design services during construction support. Reviewed construction submittals, RFI's and provided engineering support during construction.

Canton Wastewater Plant Expansion

Project Manager • 2019-2020 • City of Canton, GA • Responsible for process design to expand the wastewater plant from 4 to 6 mgd using a biological process to reduce phosphorus and nitrogen. Project included new grit removal system, raw sewage fine screening facility, diffused aeration, tertiary membranes with ultraviolet disinfection and post aeration. Project included new 2-meter belt presses to process sludge.

REFERENCES

Mr. Jonathon W. Heard, Director of Utilities, City of Cumming Cell: 404-379-4641 Email: jon.heard@cityofcumming.net

Mr. Heath Martin, Assistant to the Director of Utilities, City of Cumming Cell: 404-597-1590 Email: heath.martin@cityofcumming.net

Mr. David Hatabian, P.E., Utility Engineer, City of Canton Office: 770-704-1513 Email: david.hatabian@cantonga.gov





Additional Project Experience

Target Hill Wastewater Treatment Plant

Process Engineer • 2015 • West Point, NY • Responsible for the design of a new effluent outfall system into the Hudson River. The project included a base design using all new piping materials. An alternative design including slip lining of existing piping was also prepared for bidding to control construction costs. The design challenges included variable river elevations, space constraints, storm drain interferences, and boring under an active railroad.

Bethelview AWRF Sludge Dryer

Sr. Design Engineer • 2020-Ongoing • Cumming, GA • Design incorporates treatment processes and equipment to meet the effluent requirements to expand the wastewater plant and influent flow equalization for additional reliability. The plant expansion will increase capacity from 8.0 to 12.5 MGD.

Bethelview AWRF Expansion to 12.5 MGD

Sr. Design Engineer • 2020-Ongoing • City of Cumming, GA • Provided project scope for the expansion of the Bethelview Road Advanced Water Reclamation Facility from 8.0 to 12.5 MGD in Cumming, GA.

Patuxent WRF Expansion to 25MGD

Project Engineer • 12/2011-07/2019 • Anne Arundel County, MD • Prepared evaluation and design improvements to rehabilitate or replace existing ferric chloride, caustic, and methanol chemical feed systems. During the construction phase, provided design services to assist the Project Manager.

Lake Bradford Road Wastewater Treatment Plant Demolition

Process Engineer • 2016-2017 • Tallahassee, FL • Responsible for evaluation and the preparation of demolition plans and specifications. Phase 1 included a technical review of the site evaluation to identify conditions at the site, identification of areas requiring further study, and provide recommendation for demolition activities. A technical report included stormwater requirements, floodplain issues, hazardous materials, salvage and scraping opportunities, permitting, groundwater and soil contamination. Phase 2 included the preparation of plans and specifications for demolition.

Army Base Treatment Plant Improvements, Phase III

Process Engineer • 08/2010-12/2014 • Hampton Roads Sanitation District, Norfolk, VA • This project consisted of nutrient removal upgrades to an existing 26 mgd WWTP in combination with improvements to the solids handling facilities. The upgraded plant design is to achieve a 3.0 mg/l TN and 0.30 mg/l TP. Served as lead technical professional for a new nitrification enhancement facility (NEF) to treat inhibitive chemicals of concern from the incinerator scrubber blowdown water. Retrofitting of existing facilities to accommodate the NEF saved money and expedited construction. Additional responsibilities included methanol system, solids handling design improvements to enable dewatering of unthickened waste active solids, thickened waste activated solids, and primary solids.

Seneca Wastewater Treatment Plant Expansion

Project Engineer • 10/2007-12/2014 • Montgomery County, MD • Project engineer for the implementation of enhanced nutrient removal and expansion of the facility from 20 to 26 mgd. Responsibilities included quality control review of the solids handling and dewatering facilities, designed supplemental carbon storage and feed facilities, and provided engineering construction services support.





4994 Lower Roswell Road, Suite 18 Marietta, Georgia 30068 770-977-5747 chuck@cecincga.com

EMPLOYMENT

www.cec.engineering

Civil Engineering Consultants, Inc. Marietta, GA 2021 - Present

G. Ben Turnipseed Engineers, Inc. Atlanta, GA 2002-2020

EDUCATION

Bachelor of Science, 1999 Engineering Physics Colorado School of Mines

Master of Science, 2001 Electrical/Computer Engineering Georgia Institute of Technology

Master of Science, 2016 Civil Engineering Kennesaw State University

REGISTRATION

Professional Engineer registered in the states of Georgia, South Carolina, and Tennessee

Charles Butterfield, P.E.

Senior Design Engineer

GENERAL

Charles Butterfield, P.E. is Civil Engineering Consultants' Senior Design Engineer and prepares construction drawings and engineering calculations for CEC's water and sewer projects in and around the Atlanta Metropolitan area and has been with CEC since January 2021.

PROJECT EXPERIENCE

Mulberry River Pump Station

Senior Design Engineer • 2021 • Hall County, GA • Provided detailed pump and force main evaluations, cost estimation of re-pump options and performed surge analysis on three selected pumping options.

Cumming Advanced Water Reclamation Facility

Senior Design Engineer • 2021 • City of Cumming, GA • City of Cumming's 8.0 MGD Advanced Water Reclamation Facility (AWRF) included a 6.0 MGD upgrade from the original 2.0 MGD facility. We expanded the facility in 2008 from 2.0 MGD to 8.0 MGD and are currently in the planning phase to expand the facility to 12.5 MGD.

Cumming AWRF Sludge Dryer Project

Senior Design Engineer • 2021 • City of Cumming, GA • CEC performed cost-benefit analysis due to the rising cost of landfill disposal. The design included dewatering equipment, conveyor systems, two sludge dryers, odor controls, and controls. The dryer project is capable of processing up to 120 wet tons a day.

Greenville, GA 0.25 MGD Wastewater Plant

Senior Design Engineer • 2017 • Greenville, GA • Replaced the existing aerated lagoon treatment plant that was unable to meet new permit conditions. An AeroMod sequencing oxidation system was constructed to meet current and future permit conditions. The process was selected for its small footprint and cost-effective common wall construction. The project included screening, grit removal, ultraviolet disinfection, a biosolids dewatering facility as well as a new laboratory building. Funding was provided by the U.S. Department of Agriculture Rural Development (USDA).

REFERENCES

Mr. Jonathon W. Heard, Director of Utilities, City of Cumming Cell: 404-379-4641 Email: jon.heard@cityofcumming.net

Mr. Heath Harrison P.E., Assistant General Manager of Engineering & Operations, Chatsworth Water Works Commission.

Cell: 706-695-3132 Email: heathh@chatsworthwater.com

Mr. Mathew Gibbs, Formerly Wastewater Manger, Columbia County Water Utility Cell: 706-910-8919 Email: mgibbs@cerlicusa.com

Mr. Pat Hembree P.E., Division Manager, Henry County Water Authority Cell: 706-695-3132 Email: pat.hembree@hcwa.com





Additional Project Experience

Chestatee WWTP

Senior Design Engineer • 2021 • Dawsonville, GA • Provided design services to expand Reuse WWTP from 75,000 GPD to 150,000 GPD. Project includes permitting through GA-EPD.

Chatsworth, GA 1.0 Wastewater Plant

Senior Design Engineer • 2020-2021 • City of Chatsworth, GA • This greenfield project consists of all-new treatment structures including headworks, SBRs, filtration, chlorine disinfection, and sludge processing. Funding was provided by Georgia Environmental Finance Authority (GEFA).

Columbia County Little River WPCP Expansion to 12.0 MGD

Senior Design Engineer • 2013-2014 • Columbia County, GA • Design incorporated a carrousel oxidation ditch treatment process and equipment to meet the effluent requirements to expand the wastewater plant. The plant expansion increased plant capacity from 6.0 to 12.0 MGD.

Dawsonville, GA 0.4 MGD Land Application System

Senior Design Engineer • 2006-2020 • City of Dawsonville, GA • The City upgraded its LAS system from 0.12 to 0.4MGD in 2006. Additional aeration was added to the ponds and an additional 91 acres of spray fields were developed. Due to water conservation efforts and increased flow from industrial users, the City saw an increase BOD by nearly 30%. In 2016 improvements were constructed to process the additional loading. Brush rotor aerators were added to the pond to provide additional aeration and more efficient mixing. Due to continued growth and some issues with nitrates in the spray fields, the City is planning on replacing the LAS with a Carrousel oxidation ditch plant. A Design Development Report to increase the capacity to 0.8 MGD including a direct discharge was submitted to the EPD in 2020.

Grovetown, GA 3.0 MGD Wastewater Plant

Senior Design Engineer • 2016-2017 • City of Grovetown, GA • The City needed to replace its failing 0.58 MGD Land Application System and increases the capacity to handle rapid growth. A large portion of the system's flows previously sent to neighboring Columbia County were also directed to the new plant. The project consists of all-new treatment structures including headworks, SBRs, filtration, UV disinfection, and biosolids processing.

Funding was provided by GEFA.

Henry County Water Authority, Pump Stations

Senior Design Engineer • 2017-2019 • Henry County, GA • Upgrade the Big Cotton Indian Creek Pump Station capacity to 10 MGD and add biological odor control. Replace the Authority's existing Cavanaugh Pump Station including a new rectangular poured in place wet well with a 6 MGD capacity.

Louisville, GA 2.0 MGD Wastewater Plant

Senior Design Engineer • 2015-2016 • City of Louisville, GA. • Design included rehabilitating an abandoned industrial treatment facility and converting the plant to a municipal treatment plant with a direct discharge into the Ogeechee River. A new Coastal Processing chicken processing plant at the same site brought over 100 jobs to the area as well as high BOD, Ammonia and Phosphorus loads. An existing oxidation ditch was optimized to provide BNR treatment with chemical phosphorus removal. The design and construction were completed in less than a year to meet an aggressive schedule the City agreed to with Coastal Processing. Funding was provided by GEFA and USDA.





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EMPLOYMENT

Civil Engineering Consultants, Inc. Marietta, GA 2017- Present

McKim and Creed, Inc. Atlanta, GA 2013-2017

Infratec Consultants, Inc. Roswell, GA 2004-2013

EDUCATION

Bachelor of Science, 2001 Civil Engineering University of Alabama

Master of Science, 2004 Civil Engineering North Carolina State University

REGISTRATION

Professional Engineer registered in the state of Georgia

Purk Yotakhong, P.E.

Senior Design Engineer

GENERAL

Purk Yotakhong, P.E. is a Senior Design Engineer at Civil Engineering Consultants who prepares construction drawings and structural engineering calculations for CEC's water infrastructure projects in and around the Atlanta Metropolitan area. He has been with CEC since January 2017. Purk will be the senior structural engineer responsible for creating construction drawings and details.

PROJECT EXPERIENCE

Potable Water Production Facility Chemical Feed Equipment Upgrade

Structural Engineer • 2017-2021 • City of Cumming, Georgia • Design involved conversion of gaseous chlorine system to sodium hypochlorite liquid. Converted other chemical systems including liquid lime, polyphosphate, alum, polymer, hydrofluosilicic acid and carbon.

Cornish Creek Water Treatment Plant

Structural Engineer • 2007-2010 • Newton County, Georgia • Provided structural and process mechanical design services for a 10 MGD expansion to the existing facility including raw water pumping, rapid mix expansion, clarifiers, filters, clearwell, high service pumps, miscellaneous piping, and site work. Served as resident engineer during the construction phase of the project.

Municipal Water Mains

Design Engineer • 2017-2019 • City of Cumming • Design and construction inspection for over \$15 million in water main projects up to 42-inch pipe. Projects include coordination with GDOT road widening projects, GDOT GUPS permitting and easement acquisition.

REFERENCES

Mr. Jonathon W. Heard, Director of Utilities, City of Cumming Cell: 404-379-4641 Email: jon.heard@cityofcumming.net

Mr. Robert Troxler, P.E., President, Infratec Consultants, Inc.

Phone: 770-596-1984

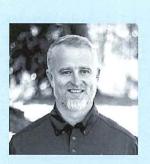
Mr. Jimmy Dean, Director, Flowery Branch WWTP

Phone: 678-776-1074 Email: jimmyfb@flowerybranchga.org

Mr. James Brown, Director, Newton County Water Resources Phone: 770-784-2125 Email: jabrown@co.newton.ga.us







4994 Lower Roswell Road, Suite 18 Marietta, Georgia 30068 770-977-5747 brian@cecincga.com www.cec.engineering

EMPLOYMENT

Civil Engineering Consultants, Inc. Marietta, GA 2018- Present Land Answers Su

Land Answers Surveying Cumming, GA 2009-2018

EDUCATION

Surveying & Mapping, 2006 Southern Polytechnic State University GIS, American Sentinel

REGISTRATION

University, 2010

Professional Land Surveyor registered in the state of Georgia.

Brian Dobbins, R.L.S.

Surveyor

GENERAL

Brian Dobbins is Civil Engineering Consultants' senior surveyor. With over 20 years experience, Mr. Dobbins has acquired a wealth of knowledge from numerous infrastructure, transportation, municipal, residential and commercial projects throughout the southeast.

PROJECT EXPERIENCE

Bald Ridge Pump Station Upgrade

Surveyor • 2019-Ongoing • Cumming, Georgia • Provided surveying and mapping services for existing facility with surface and subsurface utilities.

Haw Creek Rod Outfall and Force Main

Surveyor • 2019-Ongoing • Cumming, Georgia • Provided surveying and mapping services for existing facility with surface and subsurface utilities.

Sawmill Branch Gravity Relief Sewer

Surveyor • 2018-2019 • Cumming, Georgia • Provided surveying and mapping services for installation of gravity sewer main.

Cumming Sewer Master Planning

Surveyor • 2018-Ongoing • Cumming, Georgia • Provides surveying and mapping services

REFERENCES

Mr. Charles A. Welch, President, Steverson & Palmer Engineering (now Goodwin, Mills and Cawood Inc.)

Cell: 770-544-0322 Email: charles.welch@amcnetwork.com

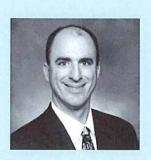
Mr. Ronald Smith, First Vice President, SBA Lending Division, SunTrust Bank

Cell: 770-396-9945 Email: Ronald.d.smith@suntrust.com

Mr. Jonathon W. Heard, Director of Utilities, City of Cumming Cell: 404-379-4641 Email: jon.heard@cityofcumming.net







885 Woodstock Road Suite 430-231 Roswell, GA 30075-2274 678-469-5196 dzimmer@esad-llc.com

Education

B.S., Electrical Engineering, Virginia Tech, 1992

REGISTRATION

Professional Engineer with the States of Alabama, Georgia, South Carolina, North Carolina, Florida, Virginia, Oregon, and Tennessee

David Zimmer, P.E.

ESAD, LLC Engineering Services, Electrical Engineer

GENERAL

Having a local firm in Roswell, Mr. Zimmer has over 20 years of experience in the electrical and instrumentation industry with a broad and varied background working with several design/consulting firms. Mr. Zimmer is currently the president and owner of Electrical Safety and Design, LLC (ESAD).

Mr. Zimmer is responsible for all aspects of electrical and instrumentation design including power distribution, lighting, emergency systems, p&ids, electrical schematics, interconnection diagrams, SCADA topologies, motor control center layouts, generator applications, site lighting, and systems design. He has a thorough knowledge of electrical and instrumentation characteristics of wastewater treatment processes including SBR plants, membrane plants, activated sludge systems, oxidation ditches, aeration basins, tertiary membranes, aerobic digesters, carousels, filtration, high service pumps, ultra-violet disinfection, liquid polymer systems, on-site sodium hypochlorite generation systems, dewatering facilities, and many other processes.

PROJECT EXPERIENCE

City of Cumming PWPF Chemical Feed System and Taste and Odor

Electrical Engineer • 2016-2021 • City of Cumming, GA • Electrical engineer in the design of new buildings and chemical systems to convert existing chemical systems into SCADA controlled liquid feed chemical systems. Included the conversion of gaseous chlorine disinfection for liquid Sodium Hypochlorite disinfection.

2.0 MG Water Storage Tank

Electrical Engineer • 2018-2020 • City of Cumming, GA • Electrical engineer to construct a 2.0 MG Water Storage Tank, a welded steel elevated water storage tank supported on a concrete support structure, including the foundation.

Lake Arrowhead WTP

Electrical Engineer • 2018-2021 • Lake Arrowhead, GA • Electrical engineer in the design of a small treatment facility when a groundwater well tested above the maximum contaminant levels for Radium. Based upon Culligan Green Sand Filters and Water Softeners, CEC designed the building structure in coordination with the pre-engineered steel building supplier, designed Process piping, chemical injection systems, electrical and SCADA systems.

Sawnee Drive Water Main, Booster Pump Station and Storage TankElectrical Engineer • 2018-2020 • City of Cumming, GA • Electrical engineer in the design to construct 10,650 LF of 8-inch DI water line, a booster pump station and water storage tank to upgrade service to a residential area in Cumming, GA.
Challenges included providing adequate pressure to the higher elevations for service

and fire protection while avoiding excessive pressures at the lower elevations.

REFERENCES

Mr. Jonathon W. Heard, Director of Utilities, City of Cumming Cell: 404-379-4641 Email: jon.heard@cityofcumming.net







11285 Elkins Road Suite F2 Roswell, GA 30076 678-722-0340 Idm@geo-sys.com

Education

B.S., Civil Engineering, Cum Laude, West Virginia University, 1972

Civil and Environmental Engineering Graduate Studies, Georgia Institute of Technology

REGISTRATION

Professional Engineer with the State of Georgia

Larry D. Mullins, P.E.

GeoSystems Engineering, Inc.

GENERAL

Located in Roswell, Mr. Mullins has over 46 years consulting and supervisory experience in design and construction of a wide range of civil and environmental projects. Traditional geotechnical experience including water and wastewater facilities, land application sites, landfills, and port facilities.

PROJECT EXPERIENCE

Spout Springs Wastewater Treatment Plant

Geotechnical Engineer • 2000-2006 • Hall County, GA • Conducted onsite construction materials testing for 50,000 GPD interim facility, 750,000 GPD WRF and 1.0 MGD expansion, as well as construction administration and inspection and design assistance. Obtained all permitting through EPD including DDRs, plans and specifications and wasteload allocation.

Bethelview AWRF Expansion to 12.5 MGD

Geotechnical Engineer • 2020-Ongoing • City of Cumming, Georgia • Will conduct site investigations and construction materials testing onsite for the expansion of the Bethelview Road Advanced Water Reclamation Facility.

Bald Ridge Creek Pump Station Upgrade

Geotechnical Engineer • 2019-Ongoing • City of Cumming, Georgia • Provided onsite construction materials testing prior to the construction of the submersible pump station and rehabilitation of multiple stations within the city of Cumming's wastewater collection system.

Haw Creek Road Outfall and Force Main

Geotechnical Engineer • 2019-2020 • City of Cumming, GA • Conducted onsite construction materials testing prior to the installation of the gravity sewer main and low-pressure sewer force main along Haw Creek Road.

Sawnee Drive Water Main, Booster Pump Station and Storage Tank

Geotechnical Engineer • 2018-2020 • City of Cumming, GA • Geotechnical engineer to construct 10,650 LF of 8-inch DI water line, a booster pump station and water storage tank to upgrade service to a residential area in Cumming, GA. Challenges included providing adequate pressure to the higher elevations for service and fire protection while avoiding excessive pressures at the lower elevations.

REFERENCES

Mr. Christopher Dillard, Project Engineer, CCMWA Cell: 770-616-5668 Email: cdillard@ccmwa.org

Mr. Jonathon W. Heard, Director of Utilities, City of Cumming Cell: 404-379-4641 Email: jon.heard@cityofcumming.net

Mr. Heath Martin, Assistant to the Director of Utilities, City of Cumming Cell: 404-597-1590 Email: heath.martin@cityofcumming.net







Lanier Contracting Company 3690 Lawrenceville-Suwanee Road Suwanee, GA 30024 Phone: 770-932-1800 FAX: 770-945-2481

Email:

btieslau@laniercontracting.com

EMPLOYMENT

Lanier Contracting Company 3690 Lawrenceville-Suwanee Road Suwanee, GA 30024 2009- Present

EDUCATION

Valdosta State University Bachelor of Business Administration (Management)

REGISTRATION

State General Contractor License State Licensed Utility Manager NPDES Level 1A OSHA 10 Hour CPR Certified

Brian Tieslau

President/Owner Lanier Contracting Company

GENERAL

Brian Tieslau is responsible for executive management, project management, estimating, equipment management and safety management.

PROJECT EXPERIENCE

2020

Gwinnett County On-Call Emergency Contract Lanier Filter Plant Ozone PSU's

2019

Gwinnett County On-Call Emergency Contract
Jot Em Down Booster Pump Station Cresswind Pump Station #1

2018

Gwinnett County On-Call Emergency Contract • Buford Trout Hatchery Discharge Pipe Replacement Shoal Creek Filter Plant Transfer System Modifications

Gwinnett Fill Valves Replacement

2017

Gwinnett County DWR Plant/Pump Station On-Call City of Cumming 900 HP Water Intake Pump

2016

Commerce Trac Vac Sludge Collection System EGL Ultra Pure Nitrogen Piping City of Cumming High Service Pump #2 VFD Brooks Road Odor Control

2015

Lanier Filter Plant Filter Building #1 Electrical Room Improvements Lanier Filter Plant Insertion Meters Manor Water Reclamation Facility Enhancements/Upgrades





Lanier Contracting Company 3690 Lawrenceville-Suwanee Road Suwanee, GA 30024 Phone: 770-932-1800 FAX: 770-945-2481 Email: tankerich@laniercontracting.com

EMPLOYMENT

Lanier Contracting Company 3690 Lawrenceville-Suwanee Road Suwanee, GA 30024 2011- Present

EDUCATION

Southern Technical Institute (Southern Polytech) – BSCET

REGISTRATION

NPDES Level 1A Excavation Safety NCCER Certified Rigger OSHA 10 Certified

J. Ted Ankerich

Vice President/Estimator/Project Manager

GENERAL

J. Ted Ankerich is responsible for estimating, bidding, and managing projects, negotiating contracts and purchase orders, procuring material and equipment needed for each project.

PROJECT EXPERIENCE

2021

Crooked Creek Fire Suppression Upgrades Lower Big Haynes Pump Station Ventilation Upgrades Harrison Dr/Brown St Gravity Sewer Improvements

2020

Flowery Branch Pump Station Rehab
East Forsyth High School Pump Station
Forsyth County WTP Carbon Pilot Infrastructure
Forsyth County WTP Glycerin Flush Piping
Riverbrook Village Pump Station
Lanier Filter/Shoal Creek Filter Plants Chlorine Regulator Replacements
Atlanta-Fulton WTP Hose Sludge Pump No. 2
Elberton WTP Filter Bottom Replacement

2019

Commerce Filter Belt Press Replacement River Ridge Pump Station Patterson Pump Station #2 -Surge Tank Mods Belmont Downs Pump Station Lakeside WTP High Service Pump No. 2 VFD's West Jackson High School Pump Station NCI Pump Station Grider Vault Roof Rehab

2018

Spout Springs WRF Dewatering Building Lanier Filter Plant Pipe Gallery Rehab New Salem Road Pump Station Radlo Properties Pump Station







Lanier Contracting Company 3690 Lawrenceville-Suwanee Road Suwanee, GA 30024 Phone: 770-932-1800 FAX: 770-945-2481 Cell: 404-580-6837

EMPLOYMENT

Lanier Contracting Company 3690 Lawrenceville-Suwanee Road Suwanee, GA 30024 1994- Present

REGISTRATION

Licensed Utility Foreman OSHA 10-Hour OSHA Excavation Confined Space CPR/First Aid NPDES Level 1A NCCER Certified Rigger Utility Flagger

Tim Montgomery

Superintendent

GENERAL

Tim Montgomery is responsible for supervision of field forces, scheduling, quality control, obtaining miscellaneous materials.

PROJECT EXPERIENCE

2020

Dawsonville WPCP Modifications

2019

Spout Springs WRF Dewatering Handling Facility Cresswind Pump Station #1 @ Twin Lakes Preserve @ Twin Lakes Pump Station #6

2018

Spout Springs WRF Dewatering Handling Facility

2017

Rockwell Church Tank & Pump Station Middle Oconee Sludge Tank City of Cumming Raw Water Forsyth County Raw Water Buford Trout Discharge

2016

City of Cumming High Service Pump #2 VFD Buford Trout Hatchery 30" Recirculation Valve Replacement White Oak Pump Station

2015

Morgan Falls Wastewater Pump Station Improvements Sweetwater Creek WWTP Influent Lift Station Repairs Middle Oconee WWTF Enhancements Phase 3 – Solids Dewatering Facility





Russell Hatcher

Owner/President - Russell Hatcher Electric, Inc.

GENERAL

Russell Hatcher has 42 years of experience in the electrical industry; the last 40 years have been in Water Treatment Facilities

CONTACT

Russell Hatcher Electric, Inc. 86 Enterprise Lane Cleveland, GA 30528

EMPLOYMENT

Russell Hatcher Electric, Inc. 86 Enterprise Lane Cleveland, GA 30528 2001- Present

REGISTRATION

State of Georgia Electrical Contractor Class 2 License

PROJECT EXPERIENCE

2001-Present

South Cobb WWTP - Chlorine/Dechlorination Buildings
Hundreds of Sewerage Pump Stations (Neighborhoods)
Spout Springs WWTP in Hall County, GA
Barrow County WWTP
Houston, GA WWTP
Middle Oconee WWTP
Blue Ridge Golf & River Club WWTP
Toccoa WTP
Walnut Creek in Henry County LAS and Booster Pump Stations
RM Clayton Odor COntrols Units in South Fulton County
City of Lawrenceville, GA WWTP
Madison, GA WWTP
Clarkesville, GA WWTP
City of Thompson, GA WWTP
Calls Creek MBR Plant





Danny Power

Project Manager/Superintendent - Russell Hatcher Electric, Inc.

GENERAL

Danny Power has personally had over 28 years of experience in the electrical field, 21 years have been in Water and Waste Water Plants & Pump Stations. He is in charge of Gwinnett County emergency & on call work that is on-going, attends all meetings to ensure that projects are cost efficient & safe.

CONTACT

Russell Hatcher Electric, Inc. 86 Enterprise Lane Cleveland, GA 30528

EMPLOYMENT

Russell Hatcher Electric, Inc. 86 Enterprise Lane Cleveland, GA 30528 2003- Present

REGISTRATION

OSHA Construction Safety
OSHA Excavation Competent
Person
Controls 101 at IEC Atlanta Chapter
Code Changes

PROJECT EXPERIENCE

2003-Present

South Cobb WWTP - Chlorine/Dechlorination Buildings
Hundreds of Sewerage Pump Stations (Neighborhoods)
Spout Springs WWTP in Hall County, GA
Barrow County WWTP
Houston, GA WWTP
Middle Oconee WWTP
Blue Ridge Golf & River Club WWTP
Toccoa WTP
Walnut Creek in Henry County LAS and Booster Pump Stations
RM Clayton Odor COntrols Units in South Fulton County
City of Lawrenceville, GA WWTP
Madison, GA WWTP
Clarkesville, GA WWTP
City of Thompson, GA WWTP
Calls Creek MBR Plant





Consolidated Score Sheet for Proposal Hall County Department of Public Works and Utilities RFP No. 42-013, Progressive Design/Build Services for the Spout Springs WRF Upgrade Project

Scoring Team Member	Lanier Contracting	Reeves Young
Tim Bollinger	89	88
Ralph Cavedo	88	86
Jorge Gomez	87	92
Bill Nash	90	94
Total Points (Maximum Score 100)	88.5	90.0
Rank	2	1

Consolidated Score Sheet for Proposal

Hall County Department of Public Works and Utilities

Bid No. 42-013, Progressive Design/Build Services for the Spout Springs WRF Upgrade Project

Lanier Contracting	Scoring Member	Tim Bollinger	Ralph Cavedo	Jorge Gomez	Bill Nash	Group Average Score
Evaluation Criteria						
Strength of the Project Team members, & key project staff:	Max Score					
Design-Build Project Manager	5	5	5	5	4	4.8
Design Manager	10	9	8	8	9	8.5
Construction Manager/Project Site Superintendent	5	5	5	5	4	4.8
Lead Process Engineer	15	13	14	13	15	13.8
Technical Approach:						
Process design and enhancements.	10	9	9	7	9	8.5
Reliability and redundancy.	5	5	5	4	5	4.8
Project schedule.	10	10	10	10	10	10.0
Best Value Alternatives	10	9	8	7	8	8.0
Ease of Operation and Maintenance,	10	9	8	8	8	8.3
Project Implementation Reliability:						
Project management approach.	5	4	4	5	4	4.3
Financial capability and surety information.	5	4	4	5	5	4.5
Experience with similar projects.	5	3	4	5	4	4.0
Experience of D-B Team together	5	4	4	5	5	4.5
Total Points	100	89	88	87	90	88.5
Rank	***************************************					2

Reeves & Young	Scoring Member	Tim Bollinger	Ralph Cavedo	Jorge Gomez	Bill Nash	Group Average Score
Evaluation Criteria						
Strength of the Project Team members, & key project staff:	Max Score					***************************************
Design-Build Project Manager	5	5	5	5	5	5.0
Design Manager	10	9	9	8	10	9.0
Construction Manager/Project Site Superintendent	5	5	5	5	5	5.0
Lead Process Engineer	15	13	15	14	15	14.3
Technical Approach:						
Process design and enhancements.	10	9	9	9	10	9.3
Reliability and redundancy.	5	5	4	4	4	4.3
Project schedule.	10	9	8	10	9	9.0
Best Value Alternatives	10	9	8	8	8	8.3
Ease of Operation and Maintenance,	10	9	7	9	9	8.5
Project Implementation Reliability:						
Project management approach.	5	4	4	5	4	4.3
Financial capability and surety information.	5	4	4	5	5	4.5
Experience with similar projects.	5	3	4	5	5	4.3
Experience of D-B Team together	5	4	4	5	5	4.5
Total Points	100	88	86	92	94	90.0
Rank						1



Progressive Design/Build Services for the Spout Springs WRF Upgrade Bid No. 42-013 Hall County, Georgia

Proposal Attachment E - Price Proposal

Submitted to Hall County, Georgia December 16, 2021,12:00 noon

Prepared By:



CIVIL ENGINEERING CONSULTANTS, INC.
Civil & Environmental Engineering

ATTACHMENT E

Price Proposal

In compliance with the RFP, the undersigned Design/Builder,							
Lanier Contracting Co.							
[legal name of Design/Builder]							
1-3							
3690 Lawrenceville Suwanee Road, Suwanee, Georgia 30	0024						
[address of Design/Builder]							
770-932-1800							
[telephone of Design/Builder]							
58-1295303							
[federal taxpayer identification number of Design/Builder]							
<u></u>							
having carefully examined the site(s) of the Project, the RFP and	all attachments and appendices of the						
RFP, and having carefully examined the proposed Contract for G	·						
Price (Agreement) and the Owner's standard forms and other do	ocuments included or referenced in the						
RFP and any Addenda thereto, proposes and agrees, if this propo	osal is accepted, to enter into a contract						
with the Owner and to perform all of the services as set forth in	the Agreement for the Design Services						
Price set forth below, and offers the following proposed compe	nsation and other matters set forth						
below:							
a. Design/Builder's proposed Design Services Price, this amou	nt being the lump sum, fixed price						
(including all costs, overhead and profit) amount to include	in the Agreement is:						
Twenty Six Thousand Seven Hundred Twenty Five and	No Cents dollars						
(\$ 26,725.00); and,						
b. Design/Builder's proposed overhead, expressed as a percent	age of the Cost of the Work for all Phase						
Two Services (excluding completion of the Detailed Design t	-						
Two Services (excluding completion of the Detailed Design of	natis part of the Design Service (nee) is						
Fifteen percent (15 %); and							
percent(<u>_15_</u> 70)) una							
c. Design/Builder's proposed fee, expressed as a percentage of	f the Cost of the Work for all Phase Two						
Services (excluding completion of the Detailed Design that is							
Services (excluding completion of the Detailed Design that is	s part of the besign service rrice; is.						
Ten percent (10 %).							
The Design / Builder understands that the Owner recomment having	the to reject any or all Drangesia and to						
The Design/Builder understands that the Owner reserves the rig	inclo reject any or an Proposais, and to						
waive any technicalities or informalities.							

The Design/Builder agrees that this Proposal may not be withdrawn for a period of sixty (60) calendar days after the date and time fixed for receiving said Proposals.

The undersigned Design/Builder agrees that if it is notified in writing by mail, telegraph, facsimile or hand-delivery of the acceptance of this Proposal, via Notice of Award or otherwise, within sixty (60) calendar days after the date and time fixed for receiving said Proposals, the undersigned Design/Builder will execute, within three (3) business days of the date of the notice, a contract for the Phase One Design Services, Preliminary Consultation and Project Analysis, Preliminary Design and Detailed Design as set forth in the Agreement for the compensation amounts stated above.

The undersigned Design/Builder agrees to commence the Phase One Design Services under the Owner's form of contract within five (5) days (or sooner if possible) after its receipt of a written Notice to Proceed from the Owner.

The undersigned Design/Builder hereby acknowledges receipt of the following Addenda:

1 - November 18, 2021

2 - December 10, 2021

:[insert the number and date of each Addendum; if none, insert "None"]

By submission of the Proposal, Design/Builder represents and warrants that:

- a. Design/Builder has read and understands the RFP and all attachments and appendices thereto and this Proposal is made in accordance therewith;
- b. Design/Builder has read and understands the Agreement including its terms and conditions for Phase Two construction of the Project;
- c. Design/Builder has visited, examined and inspected the site(s) of the Project, obtained first-hand knowledge of existing conditions; and,
- d. All facts stated in the Proposal are true and correct.

By submission of this Proposal, the Design/Builder certifies that this Proposal has been derived independently, without consultation, communication or agreement as to any matter relating to this Proposal with any other design/builder or with any competitor. The Design/Builder hereby certifies that this Proposal is made without prior understanding, agreement or connection with any corporation, firm or person submitting a proposal for the same Project and is in all respects fair and without collusion or fraud. Included as part of the Proposal is the Bid Bond, Design/Builder's Affidavit of Non-collusion and the Subcontractor's Affidavit of Non-collusion, all in the form, manner and number required by the RFP and applicable laws. The Design/Builder agrees to abide by all conditions of the RFP.

Respectfully submitted,

Lanier Contracting Co. [typed name of Design/Builder]

Rv.

[signature of Design/Builder]

Brian Tieslau, President

[typed name and titles of Design/Builder]

3690 Lawrenceville Suwanee Road, Suwanee, Georgia 30024

[address of Design/Builder]

(770) 932-1800

[business telephone of Design/Builder]

December 16, 2021

[date of execution by Design/Builder]

Preliminary Cost Estimate

ltem	Engineering	Construction	Total
Chemical Building	\$8,400.00	\$185,405.00	\$193,805.00
Metering pump system	\$4,625.00	\$29,100.00	\$33,725.00
Yard Piping	\$3,400.00	\$23,500.00	\$26,900.00
Electrical work	\$5,000.00	\$39,845.00	\$44,845.00
SCADA System	\$4,300.00	\$18,610.00	\$22,910.00
Base Estimate	\$25,725.00	\$296,460.00	\$322,185.00
Contingencies	\$1,000.00	\$14,000.00	\$15,000.00
Total	\$26,725.00	\$310,460.00	\$337,185.00

RFP #42-013, Design-Build Services for SSWRF Upgrade Project

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MCC: 968-95/96

Vendor COMPANY NAME MAILING ADDRESS 1 MAILING ADDRESS 2 CITY STATE ΖiΡ CONTACT NAME Bids Hall Bid List Look-Up Bid Board No Bid ATKINS NORTH AMERICA, INC 1600 RIVER EDGE PARKWAY NW SUITE 700 ATLANTA GΑ 30028 BRIAN BOLICK ASTRA GROUP INC 300 CHURCHILL CT WOODSTOCK GA 30188 ROBERT HEIKE 1 1 ATLAS TECHNICAL CONSULTANTS 2450 COMMERCE AVE SUITE 100 DULUTH GΑ 30096 DEBORAH MOON 1 CDM SMITH 3200 WINDY HILL RD ATLANTA GΑ 30339 ASHLEY REID CIVIL ENGINEERING CONSULTANTS. INC. 4994 LOWER ROSWELL RD MARIETTA GΑ 30068 ANDREW E LOVEJOY 1 1 CONSTRUCTCONNECT 30 TECHNOLOGY PKWY S SUITE 100 NORCROSS GΑ 30092 JUNE CALAGO 1 1 CONSTRUCTCONNECT 3825 EDWARDS RD CINCINNATI он 45209 MORGAN STINSON 1 1 400 SW 7TH ST STUART Fl. 34994 PAMELA EXTON 1 1 CONSTRUCTION JOURNAL CORBAN SERVICES, INC 7742 SPALDING DR SHITE 354 NORCROSS GA 30092 JOSEPH FAMBROUGH DODGE DATA & ANALYTICS 2860 S STATE HWY 161 SUTIE 160 #501 GRAND PRARIE ΤX 75052 SPENCER MANTALABA 1 103 SWANSON DR AWRENCEVILLE GΑ 30043 ENGINEERING MANAGEMENT 5400 LAUREL SPRINGS PKWY SUWANEE GΑ 30024 CHRISS CARR ESG ENGINEERING, INC. SUITE 902 1 6120 POWERS FERRY RD NW SUITE 350 ATLANTA GA 30339 JIM TEEL 1 1 GMC NETWORK HARPER GENERAL CONTRACTORS 312 E COFFEE ST GREENVILLE SC 29601 JEFF CAFFERY CHARLOTTE SC 28203 ANNE-MARIÉ MEHRING 1 HARPER GENERAL CONTRACTORS 1310 SOUTH TRYON ST SUITE 106 HEAVY CONSTRUCTORS, INC. 1596 LOWER ROSWELL RD MARIETTA GA 30068 DON R MARTIN 1 1596 LOWER ROSWELL RD MARIETTA GΑ MIKE HIPPS 1 HEAVY CONSTRUCTORS, INC. DULUTH GΑ DOUG STRAUGHAN 2160 SATELLITE BLVD SUITE 250 30097 HUSSEY GAY BELL JOVANA AREVALO IHC CONSTRUCTION COMPANIES, LLC 2700 DELK RD SUITE 210 MARIETTA GΑ 30067 1 1 IHC CONSTRUCTION COMPANIES, LLC 2700 DELK RD SUITE 210 MARIETTA GA 30067 GRADY HIGGINBOTHAM 1 IHC CONSTRUCTION COMPANIES, LLC 2700 DELK RD SUITE 210 MARIETTA GΑ ROBERT SZOCH 1 SUITE G CA 1 IMS 945 HORNBLEND ST SAN DIEGO 92109 8ID RESEARCH 1 AKESHORE ENGINEERING 1259 ELLSWORTH DR NW ATLANTA GA 30318 GARLAND LONG 1 ANIER CONTRACTING 3690 HIGHWAY 317 SUWANEE GA 30024 BRIAN TEASLAU 1 1 NORTH AMERICA PROCUREMENT COUNCIL, INC 1 1 PO BOX 40445 81504 SARMILA PRADHAN GRAND JUNCTION CO PRECISION PLANNING. INC. 400 PIKE BLVD PO BOX 2210 AWRENCEVILLE GA 30046 LIZ HUDSON 1 WILMINGTON NC 28403 BID CLERK 1 1 PRIME VENDOR 4622 CEDAR AVE 4622 CEDAR AVE WILMINGTON NC 28403 BID CLERK 1 1 PRIME VENDOR GEORGE AJY 580 W CROSSVILLE RD ROSWELL R2T REEVES YOUNG 45 PEACHTREE IND BLVD NW SUGAR HILL GA 30518 TY KELLEY 1 1 REEVES YOUNG 45 PEACHTREE IND BLVD NW SHGAR HILL GA 30518 MELISSA ROLDAN 300 E BROAD ST JEANIE LUCAS REYNOLDS CONSTRUCTION, LLC. FIARBURN GΑ 30213 1 RUSSELL HATCHER 1 1 RUSSELL HATCHER ELECTRIC, INC. ROCHESTER & ASSOCIATES, INC. GAINESVILLE 30501 BRIAN ROCHESTER RUBY-COLLINS, INC. 4875 MARTIN COURT SE SMYRNA GΑ 30082 NIKKI CARR 1 1 SMITH & CO. INC. 1269 OLD MONROE MADISON HWY MONROE GΑ 30655 RYAN DILLARD 1 1 4120 PRESIDENTIAL PKWY LORIE MOORE SOL CONSTRUCTION ATLANTA GΑ 30340 229 PEACHTREE ST NE SUITE 900 ATLANTA BECKY HACHENBURG 1 1 STANTEC GA 30303 LAUREN R SPRINGER 1 3192 WICKS CREEK TRAIL MARIETTA GΑ 30062 TETRA TECH 800 CENTURY PKWY NE SHITE400 ATLANTA GA 30345 RRYAN BEDELL 1 1 SUITE 100 ALPHARETTA JULIE HERRERA WESTERN SUMMIT CONSTRUCTORS, INC. GA 30022 SUITE 120 5601 SEVENTY SEVEN CENTER DR CHARLOTTE NC DAVIS RISER 1 WHARTON-SMITH, INC. 28217

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RICHARD WELLS