

CLAYTON COUNTY WATER AUTHORITY
Regular Board Meeting
1600 Battle Creek Road
Morrow, GA 30260

Present at the meeting were: Chairman John Chafin, Secretary/Treasurer Rodney Givens, Board Member John Westervelt, Board Member Dr. Cephus Jackson, Board Member Robin Malone, Board Member Vivian Baldwin, General Manager Bernard Franks, Assistant General Manager Teresa Worley, Assistant General Manager Keisha Thorpe, Legal Counsel Winston Denmark, other CCWA staff and visitors. Absent: Vice Chairman Marie Barber and Executive Coordinator Amanda La Pierre.

Invocation

Vivian Baldwin introduced Call Center CSR Dru Martin to perform the invocation.

Adoption of Agenda

UPON MOTION by Dr. Cephus Jackson and second by Rodney Givens, to adopt the agenda as presented, it was unanimously

RESOLVED to adopt the agenda as presented.

Approval of Minutes

Chairman John Chafin called for any omissions or additions to the Minutes of the Regular Board Meeting held on September 5, 2019.

UPON MOTION by Dr. Cephus Jackson and second by Rodney Givens, it was unanimously

RESOLVED to approve the Minutes of the Regular Board Meeting held on September 5, 2019.

Financial and Statistical Reports

Finance Director Allison Halron reviewed the financial information distributed to the Board for the period ending August 31, 2019. Information only, no action taken.

Recognition

Safety & Compliance Officer Walter Barber recognized the winners of the CCWA Safety Awards. Information only, no action taken.

New Business

I.T. Infrastructure and Support Services Recommendation: Director of I.T. Dan Holverson presented a recommendation on I.T. Infrastructure and Support Services.

The Clayton County Water Authority has an extensive IT infrastructure to provide computing services to our employees, customers, and other outside entities. We cover multiple locations, including two Data Centers, and support a comprehensive list of hardware and software components. We also have many Common operating environment components that are crucial to the overall successful operation of our computing environment.

This IT infrastructure runs our Microsoft Windows and Microsoft SQL database environments, and our software that works with them. We've been utilizing Monitoring and Services successfully since 2014. NTT Data and PCM-G are the incumbents on the current services, which expire on November 15, 2019.

The system is used 24 X 7 – whether that is users directly accessing the system, processing needed jobs to provide information for the next day's activities, or completing system clean up tasks. In addition, backup and maintenance activities need to take place, along with adding various additional reports and enhancements to the system. We need to provide resources to keep the systems running, with many of these activities taking place outside of normal business hours, along with troubleshooting issues, which can happen at all hours of the day or night. CCWA support for the infrastructure comes primarily from one System Administrator, and from the Technology and Operations Manager. Each of these employees have other responsibilities, and there is not enough time for them to devote to these technical activities, as well as be able to work on projects, attend meetings, etc. In addition, it is difficult to be an expert in all the systems we run, with only 2 individuals available for this work. There are also coverage issues, needing coverage 24 x 7, with only parts of 2 people. Problems can arise when someone is on vacation, sick, etc. and the system goes down.

We are also hampered from a time availability perspective, as we have other duties for these individuals to perform. Also as mentioned, many items are done outside normal business hours, further complicating an already busy work schedule.

Scoring Results - Monitoring Scoring:	Points
PCMG, Inc.	129
Presidio Networked Solutions LLC	103
Encore Technology Group	89
Yash Technology	86
System Solution, Inc.	59
Allied Data Systems Inc.	Non-responsive
Scoring Results – Monthly Costs	Costs
PCMG, Inc.	\$7,142.80
Presidio Networked Solutions LLC	\$41,281.93
Encore Technology Group	\$10,169.89
Yash Technology	\$19,477.83
System Solution, Inc.	\$40,405.52
Allied Data Systems Inc.	Non-responsive

Recommendation:

CCWA staff recommended awarding the I.T. Infrastructure and Support Services contract to PCMG, Inc. at a monthly cost of \$7,142.80 and for any additional authorized tasks or projects at an hourly rate of \$178.57.

UPON MOTION by Dr. Cephus Jackson and second by Robin Malone, it was unanimously

RESOLVED to award the I.T. Infrastructure and Support Services Recommendation contract to PCMG, Inc. at a monthly cost of \$7,142.80 and for any additional authorized tasks or projects at an hourly rate of \$178.57 with an option to renew for a fourth and fifth year with the same terms and conditions, contingent upon approval of bonds and insurance as required and to authorize the General Manager to sign the contract

J.W. Smith Basin Rehabilitation Project Recommendation: Water Production Director Coty McDaniel presented a recommendation on the J.W. Smith Basin Rehabilitation Project.

J.W. Smith is the second largest Water Treatment Facility at Clayton County Water Authority. The removal of sludge is an important process within water treatment. The current four sedimentation basins at Smith have been in operation since the mid to late 1980's. Their internal components are submerged in water and overtime have become corroded leading to the breaking of bolts and welding becoming disconnected. Therefore, rehabbing this equipment is necessary to continue proper water treatment.

Recommendation:

CCWA staff recommended awarding the bid to Contessa Construction Services at a total cost of \$98,000.00.

UPON MOTION by Dr. Cephus Jackson and second by Vivian Baldwin, it was unanimously

RESOLVED to award the J.W. Smith Rehabilitation Project to Contessa Construction Services. at a total cost of \$98,000.00; contingent upon approval of bonds and insurance as required and to authorize the General Manager to sign the contract.

J.W. Smith High Service Pumps Design and Bid Services Task Order: Water Reclamation Director Kendra Stanciel presented a recommendation on the J.W. Smith High Service Pumps Design and Bid Services Task Order.

The purpose of this Task Order is to upgrade the 4 High Service Pumps (3-3.0 MGD & 1-6.0 MGD) at the J.W. Smith Water Treatment Facility. The high service pumps transfer finished water from its clear well to the Noah's Ark Repump Station. Due to the age of these pumps (32 years old), there are difficulties in starting and operating the high service pumps, finding replacement parts, as well as meeting permitted capacity. Based on the evaluation performed by Hazen & Sawyer on these pumps and to ensure reliable operations

at the J. W. Smith Water Production Plant until its scheduled decommission in 2031, it has been determined to replace three or four of the HSPs with vertical turbine pumps and equipping two of the new pumps with variable frequency drives (VFDs).

Recommendation:

CCWA staff recommended awarding the J.W. Smith High Service Pumps Design and Bid Services Task Order to Hazen and Sawyer for a total cost of \$275,095.00.

UPON MOTION by Robin Malone and second by Dr. Cephus Jackson, it was

RESOLVED to award the J.W. Smith High Service Pumps Design and Bid Services Task Order to Hazen and Sawyer for a not to exceed cost of \$275,095.00 and to authorize the General Manager to sign the task order. In favor: John Chafin, John Westervelt, Dr. Cephus Jackson, Robin Malone and Vivian Baldwin. Abstain: Rodney Givens. Motion passes.

W.B. Casey WRF Polishing Plant and WAS Thickening Facility Amendment: Water Reclamation Director Kendra Stanciel presented a recommendation on the W.B. Casey WRF Polishing Plant and WAS Thickening Facility Amendment.

The purpose of this Task Order is to provide additional funding for continued support and increase effort required for construction management, office engineering and special inspection services for the W.B. Casey Water Reclamation Facility Polishing Plant and Waste Activated Sludge (WAS) Thickening Upgrades currently in progress. The Polishing Facility will help manage high flow situations at the plant and allow the discharge up to 6.6 MGD into the Flint River. This amended task order will enable CH2M (JACOBS) to continue ongoing office engineering and support during construction (SDC) for the remainder of construction until completion.

Recommendation:

CCWA staff recommended awarding the amended W.B. Casey WRF Polishing Plant and WAS Thickening Facility Amendment to CH2M at a total cost of \$383,114.00.

UPON MOTION by Dr. Cephus Jackson and second by Robin Malone, it was

RESOLVED to award the W.B. Casey WRF Polishing Plant and WAS Thickening Facility Amendment to CH2M for a not to exceed cost of \$383,114.00 and to authorize the General Manager to sign the task order. In favor: John Chafin, John Westervelt, Dr. Cephus Jackson, Robin Malone and Vivian Baldwin. Abstain: Rodney Givens. Motion passes.

Annual Contract for Fence Installation and Repairs Recommendation: Stormwater Director Kevin Osbey presented a recommendation on the Annual Contract for Fence Installation and Repairs.

While installing, repairing or replacing Water, Sewer or Stormwater infrastructure, property restoration services are needed. In many cases, existing site fencing must be removed and replaced to perform infrastructure repair. In other cases, fencing must be repaired or replaced on CCWA property due to fallen trees or other occurring damages.

No	Work Item	Detail	Unit	Estimated Quantities	Alex Security Corporation		Lindavid DBA C&C Fence Co. Inc.	
					Unit Cost	Extension	Unit Cost	Extension
1	Emergency Mobilization	N/A	EA	10		\$ -	\$ 365.00	\$ 3,650.00
2	Field Fence Posts	Install Corner / Brace Post	EA	3	\$ 55.00	\$ 165.00	\$ 80.00	\$ 240.00
3		Install Horizontal Brace	EA	6	\$ 15.00	\$ 90.00	\$ 15.00	\$ 90.00
4		Install Line Post - Wood	EA	2	\$ 12.00	\$ 24.00	\$ 12.00	\$ 24.00
5		Install Line Post - Steel	EA	2	\$ 15.00	\$ 30.00	\$ 8.50	\$ 17.00
6	Field Fence 3-Strand Barbed Wire	Install Fencing up to 12 feet	EA	5	\$ 23.00	\$ 115.00	\$ 365.00	\$ 1,825.00
7		Install Fencing greater than 12 feet	LF	20	\$ 14.00	\$ 280.00	\$ 4.65	\$ 93.00
8		Remove Existing Fencing	LF	30	\$ 6.50	\$ 195.00	\$ 2.25	\$ 67.50
9	Field Fence 4-Strand Barbed Wire	Install Fencing up to 12 feet	EA	5	\$ 26.60	\$ 133.00	\$ 365.00	\$ 1,825.00
10		Install Fencing greater than 12 feet	LF	20	\$ 15.00	\$ 300.00	\$ 5.00	\$ 100.00
11		Remove Existing Fencing	LF	30	\$ 7.50	\$ 225.00	\$ 2.25	\$ 67.50
12	Field Fence 5-Strand Barbed Wire	Install Fencing up to 12 feet	EA	5	\$ 30.00	\$ 150.00	\$ 365.00	\$ 1,825.00
13		Install Fencing greater than 12 feet	LF	20	\$ 18.00	\$ 360.00	\$ 5.05	\$ 101.00
14		Remove Existing Fencing	LF	30	\$ 8.50	\$ 255.00	\$ 2.25	\$ 67.50
15	Chain-Link Fence 4-Foot Galvanized	Install Fencing up to 10 feet	EA	40	\$ 400.00	\$ 16,000.00	\$ 365.00	\$ 14,600.00
16		Install Fencing greater than 10 feet	LF	1400	\$ 45.00	\$ 63,000.00	\$ 6.50	\$ 9,100.00
17		Install Corner / Pull Post	EA	100	\$ 65.00	\$ 6,500.00	\$ 36.50	\$ 3,650.00
18		Install Walk Gate (3'-6" Wide)	EA	2	\$ 200.00	\$ 400.00	\$ 110.00	\$ 220.00
19		Install Walk Gate (4' Wide)	EA	10	\$ 200.00	\$ 2,000.00	\$ 130.00	\$ 1,300.00
20		Install Drive Gate (10' Wide)	EA	15	\$ 400.00	\$ 6,000.00	\$ 250.00	\$ 3,750.00
21		Install Drive Gate (12' Wide)	EA	5	\$ 500.00	\$ 2,500.00	\$ 265.00	\$ 1,325.00
22		Remove Existing Fencing	LF	250	\$ 3.50	\$ 875.00	\$ 2.25	\$ 562.50
23	Chain-Link Fence 4-Foot Vinyl Coated	Install Fencing up to 10 feet	EA	5	\$ 550.00	\$ 2,750.00	\$ 365.00	\$ 1,825.00
24		Install Fencing greater than 10 feet	LF	50	\$ 8.50	\$ 425.00	\$ 8.50	\$ 425.00
25		Install Corner / Pull Post	EA	5	\$ 75.00	\$ 375.00	\$ 60.00	\$ 300.00
26		Install Walk Gate (3'-6" Wide)	EA	1	\$ 275.00	\$ 275.00	\$ 145.00	\$ 145.00
27		Install Walk Gate (4' Wide)	EA	1	\$ 250.00	\$ 250.00	\$ 160.00	\$ 160.00
28		Install Drive Gate (10' Wide)	EA	1	\$ 250.00	\$ 250.00	\$ 275.00	\$ 275.00
29		Install Drive Gate (12' Wide)	EA	1	\$ 350.00	\$ 350.00	\$ 300.00	\$ 300.00
30		Remove Existing Fencing	LF	10	\$ 3.06	\$ 30.60	\$ 2.25	\$ 22.50
31		Install Fencing up to 10 feet	EA	5	\$ 400.00	\$ 2,000.00	\$ 365.00	\$ 1,825.00
32		Install Fencing greater than 10 feet	LF	35	\$ 30.00	\$ 1,050.00	\$ 7.50	\$ 262.50
33		Install Corner / Pull Post	EA	10	\$ 75.00	\$ 750.00	\$ 45.00	\$ 450.00

No	Work Item	Detail	Unit	Estimated Quantities	Alex Security Corporation		Lindavid DBA C&C Fence Co. Inc.	
					Unit Cost	Extension	Unit Cost	Extension
34	Chain-Link Fence 5-Foot Galvanized	Install Walk Gate (3'-6" Wide)	EA	1	\$ 250.00	\$ 250.00	\$ 125.00	\$ 125.00
35		Install Walk Gate (4' Wide)	EA	3	\$ 250.00	\$ 750.00	\$ 145.00	\$ 435.00
36		Install Drive Gate (10' Wide)	EA	1	\$ 400.00	\$ 400.00	\$ 275.00	\$ 275.00
37		Install Drive Gate (12' Wide)	EA	1	\$ 400.00	\$ 400.00	\$ 310.00	\$ 310.00
38		Remove Existing Fencing	LF	10	\$ 8.50	\$ 85.00	\$ 2.25	\$ 22.50
39	Chain-Link Fence 5-Foot Vinyl Coated	Install Fencing up to 10 feet	EA	5	\$ 500.00	\$ 2,500.00	\$ 365.00	\$ 1,825.00
40		Install Fencing greater than 10 feet	LF	50	\$ 400.00	\$ 20,000.00	\$ 9.25	\$ 462.50
41		Install Corner / Pull Post	EA	5	\$ 30.00	\$ 150.00	\$ 58.00	\$ 290.00
42		Install Walk Gate (3'-6" Wide)	EA	1	\$ 300.00	\$ 300.00	\$ 160.00	\$ 160.00
43		Install Walk Gate (4' Wide)	EA	1	\$ 325.00	\$ 325.00	\$ 175.00	\$ 175.00
44		Install Drive Gate (10' Wide)	EA	1	\$ 325.00	\$ 325.00	\$ 300.00	\$ 300.00
45		Install Drive Gate (12' Wide)	EA	1	\$ 600.00	\$ 600.00	\$ 350.00	\$ 350.00
46		Remove Existing Fencing	LF	10	\$ 8.50	\$ 85.00	\$ 2.25	\$ 22.50
47	Chain-Link Fence 6-Foot Galvanized	Install Fencing up to 10 feet	EA	5	\$ 575.00	\$ 2,875.00	\$ 375.00	\$ 1,875.00
48		Install Fencing greater than 10 feet	LF	350	\$ 75.00	\$ 26,250.00	\$ 14.50	\$ 5,075.00
49		Install Corner / Pull Post	EA	15	\$ 100.00	\$ 1,500.00	\$ 60.00	\$ 900.00
50		Install Horizontal Brace	EA	3	\$ 65.00	\$ 195.00	\$ 15.00	\$ 45.00
51		Install Walk Gate (4' Wide)	EA	1	\$ 370.00	\$ 370.00	\$ 195.00	\$ 195.00
52		Install Drive Gate (12' Wide)	EA	1	\$ 575.00	\$ 575.00	\$ 375.00	\$ 375.00
53		Install Drive Gate (16' Wide)	EA	1	\$ 725.00	\$ 725.00	\$ 550.00	\$ 550.00
54		Remove Existing Fencing	LF	40	\$ 8.00	\$ 320.00	\$ 2.75	\$ 110.00
55	Chain-Link Fence 6-Foot Galvanized with 3-Strands Barbed Wire	Install Fencing up to 10 feet	EA	2	\$ 800.00	\$ 1,600.00	\$ 450.00	\$ 900.00
56		Install Fencing greater than 10 feet	LF	75	\$ 65.00	\$ 4,875.00	\$ 16.00	\$ 1,200.00
57		Install Corner / Pull Post	EA	15	\$ 125.00	\$ 1,875.00	\$ 62.50	\$ 937.50
58		Install Horizontal Brace	EA	15	\$ 75.00	\$ 1,125.00	\$ 25.00	\$ 375.00
59		Install Walk Gate (4' Wide)	EA	2	\$ 300.00	\$ 600.00	\$ 235.00	\$ 470.00
60		Install Drive Gate (12' Wide)	EA	1	\$ 850.00	\$ 850.00	\$ 425.00	\$ 425.00
61		Install Drive Gate (16' Wide)	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 550.00	\$ 550.00
62		Remove Existing Fencing	LF	10	\$ 8.50	\$ 85.00	\$ 3.50	\$ 35.00
63	Chain-Link Fence 6-Foot Vinyl Coated	Install Fencing up to 10 feet	EA	5	\$ 650.00	\$ 3,250.00	\$ 425.00	\$ 2,125.00
64		Install Fencing greater than 10 feet	LF	50	\$ 65.00	\$ 3,250.00	\$ 11.50	\$ 575.00
65		Install Corner / Pull Post	EA	5	\$ 125.00	\$ 625.00	\$ 62.50	\$ 312.50
66		Install Horizontal Brace	EA	1	\$ 75.00	\$ 75.00	\$ 30.00	\$ 30.00
67		Install Walk Gate (4' Wide)	EA	1	\$ 400.00	\$ 400.00	\$ 235.00	\$ 235.00

Alex Security
Corporation

Lindavid DBA C&C
Fence Co. Inc.

No	Work Item	Detail	Unit	Estimated Quantities	Unit Cost	Extension	Unit Cost	Extension
68		Install Drive Gate (12' Wide)	EA	1	\$ 800.00	\$ 800.00	\$ 425.00	\$ 425.00
69		Install Drive Gate (16' Wide)	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 550.00	\$ 550.00
70		Remove Existing Fencing	LF	10	\$ 4.00	\$ 40.00	\$ 2.75	\$ 27.50
71	Chain-Link Fence 6-Foot Vinyl Coated with 3-Strands Barbed Wire	Install Fencing up to 10 feet	EA	5	\$ 8.50	\$ 42.50	\$ 495.00	\$ 2,475.00
72		Install Fencing greater than 10 feet	LF	50	\$ 12.00	\$ 600.00	\$ 18.50	\$ 925.00
73		Install Corner / Pull Post	EA	5	\$ 95.00	\$ 475.00	\$ 65.00	\$ 325.00
74		Install Horizontal Brace	EA	1	\$ 75.00	\$ 75.00	\$ 30.00	\$ 30.00
75		Install Walk Gate (4' Wide)	EA	1	\$ 450.00	\$ 450.00	\$ 260.00	\$ 260.00
76		Install Drive Gate (12' Wide)	EA	1	\$ 950.00	\$ 950.00	\$ 435.00	\$ 435.00
77		Install Drive Gate (16' Wide)	EA	1	\$ 950.00	\$ 950.00	\$ 600.00	\$ 600.00
78		Remove Existing Fencing	LF	10	\$ 4.00	\$ 40.00	\$ 3.00	\$ 30.00
79	Chain-Link Fence 8-Foot Galvanized	Install Fencing up to 10 feet	EA	5	\$ 800.00	\$ 4,000.00	\$ 475.00	\$ 2,375.00
80		Install Fencing greater than 10 feet	LF	50	\$ 80.00	\$ 4,000.00	\$ 18.00	\$ 900.00
81		Install Corner / Pull Post	EA	5	\$ 105.00	\$ 525.00	\$ 65.00	\$ 325.00
82		Install Horizontal Brace	EA	1	\$ 75.00	\$ 75.00	\$ 25.00	\$ 25.00
83		Install Walk Gate (4' Wide)	EA	1	\$ 575.00	\$ 575.00	\$ 255.00	\$ 255.00
84		Install Drive Gate (12' Wide)	EA	1	\$ 950.00	\$ 950.00	\$ 425.00	\$ 425.00
85		Install Drive Gate (16' Wide)	EA	1	\$ 1,290.00	\$ 1,290.00	\$ 550.00	\$ 550.00
86		Remove Existing Fencing	LF	10	\$ 5.50	\$ 55.00	\$ 3.00	\$ 30.00
87	Chain-Link Fence 8-Foot Galvanized with 3-Strands Barbed Wire	Install Fencing up to 10 feet	EA	5	\$ 950.00	\$ 4,750.00	\$ 525.00	\$ 2,625.00
88		Install Fencing greater than 10 feet	LF	50	\$ 85.00	\$ 4,250.00	\$ 19.00	\$ 950.00
89		Install Corner / Pull Post	EA	5	\$ 115.00	\$ 575.00	\$ 72.50	\$ 362.50
90		Install Horizontal Brace	EA	1	\$ 75.00	\$ 75.00	\$ 25.00	\$ 25.00
91		Install Walk Gate (4' Wide)	EA	1	\$ 675.00	\$ 675.00	\$ 265.00	\$ 265.00
92		Install Drive Gate (12' Wide)	EA	1	\$ 1,100.00	\$ 1,100.00	\$ 435.00	\$ 435.00
93		Install Drive Gate (16' Wide)	EA	1	\$ 1,450.00	\$ 1,450.00	\$ 575.00	\$ 575.00
94		Remove Existing Fencing	LF	10	\$ 400.00	\$ 4,000.00	\$ 3.50	\$ 35.00
95	Chain-Link Fence 8-Foot Vinyl Coated	Install Fencing up to 10 feet	EA	5	\$ 1,000.00	\$ 5,000.00	\$ 475.00	\$ 2,375.00
96		Install Fencing greater than 10 feet	LF	50	\$ 85.00	\$ 4,250.00	\$ 22.50	\$ 1,125.00
97		Install Corner / Pull Post	EA	5	\$ 150.00	\$ 750.00	\$ 85.00	\$ 425.00
98		Install Horizontal Brace	EA	1	\$ 75.00	\$ 75.00	\$ 30.00	\$ 30.00
99		Install Walk Gate (4' Wide)	EA	1	\$ 600.00	\$ 600.00	\$ 320.00	\$ 320.00
100		Install Drive Gate (12' Wide)	EA	1	\$ 1,200.00	\$ 1,200.00	\$ 510.00	\$ 510.00
101		Install Drive Gate (16' Wide)	EA	1	\$ 1,485.00	\$ 1,485.00	\$ 700.00	\$ 700.00

					Alex Security Corporation		Lindavid DBA C&C Fence Co. Inc.	
No	Work Item	Detail	Unit	Estimated Quantities	Unit Cost	Extension	Unit Cost	Extension
102		Remove Existing Fencing	LF	10	\$ 4.50	\$ 45.00	\$ 3.25	\$ 32.50

103	Chain-Link Fence 8-Foot Vinyl Coated with 3-Strands Barbed Wire	Install Fencing up to 10 feet	EA	5	\$ 1,050.00	\$ 5,250.00	\$ 525.00	\$ 2,625.00
104		Install Fencing greater than 10 feet	LF	50	\$ 85.00	\$ 4,250.00	\$ 25.00	\$ 1,250.00
105		Install Corner / Pull Post	EA	5	\$ 90.00	\$ 450.00	\$ 95.00	\$ 475.00
106		Install Horizontal Brace	EA	1	\$ 75.00	\$ 75.00	\$ 30.00	\$ 30.00
107		Install Walk Gate (4' Wide)	EA	1	\$ 700.00	\$ 700.00	\$ 335.00	\$ 335.00
108		Install Drive Gate (12' Wide)	EA	1	\$ 1,350.00	\$ 1,350.00	\$ 525.00	\$ 525.00
109		Install Drive Gate (16' Wide)	EA	1	\$ 1,550.00	\$ 1,550.00	\$ 725.00	\$ 725.00
110		Remove Existing Fencing	LF	10	\$ 400.00	\$ 4,000.00	\$ 3.50	\$ 35.00
111	Chain-Link Fence (Temporary) Up to 6-Foot Galvanized	Install and Remove Fencing up to 50 feet	EA	10	\$ 300.00	\$ 3,000.00	\$ 325.00	\$ 3,250.00
112		Install and Remove Fencing greater than 50 feet	LF	460	\$ 4.50	\$ 2,070.00	\$ 3.30	\$ 1,518.00
113		Install Walk Gate (4' Wide)	EA	5	\$ 200.00	\$ 1,000.00	\$ 50.00	\$ 250.00
114	Wood Privacy Fence 6-Foot Stockade / Dog-Eared	Install Fencing up to 8 feet	EA	10	\$ 290.00	\$ 2,900.00	\$ 475.00	\$ 4,750.00
115		Install Fencing greater than 8 feet	LF	500	\$ 20.00	\$ 10,000.00	\$ 16.50	\$ 8,250.00
116		Install Post	EA	100	\$ 50.00	\$ 5,000.00	\$ 15.00	\$ 1,500.00
117		Install Walk Gate (4' Wide)	EA	5	\$ 300.00	\$ 1,500.00	\$ 225.00	\$ 1,125.00
118		Install Drive Gate (10' Wide)	EA	5	\$ 500.00	\$ 2,500.00	\$ 424.75	\$ 2,123.75
119		Remove Existing Fencing	LF	300	\$ 200.00	\$ 60,000.00	\$ 4.50	\$ 1,350.00
120	Wood Privacy Fence 6-Foot Curved Top	Install Fencing up to 8 feet	EA	2	\$ 400.00	\$ 800.00	\$ 475.00	\$ 950.00
121		Install Fencing greater than 8 feet	LF	20	\$ 18.00	\$ 360.00	\$ 18.50	\$ 370.00
122		Install Post	EA	5	\$ 65.00	\$ 325.00	\$ 15.00	\$ 75.00
123		Install Walk Gate	EA	1	\$ 400.00	\$ 400.00	\$ 240.00	\$ 240.00
124		Remove Existing Fencing	LF	10	\$ 5.60	\$ 56.00	\$ 4.75	\$ 47.50
125	Wood Privacy Fence 6-Foot Shadow Box	Install Fencing up to 8 feet	EA	2	\$ 425.00	\$ 850.00	\$ 475.00	\$ 950.00
126		Install Fencing greater than 8 feet	LF	20	\$ 65.00	\$ 1,300.00	\$ 18.50	\$ 370.00
127		Install Post	EA	5	\$ 45.00	\$ 225.00	\$ 15.00	\$ 75.00
128		Install Walk Gate	EA	1	\$ 400.00	\$ 400.00	\$ 240.00	\$ 240.00
129		Remove Existing Fencing	LF	10	\$ 8.00	\$ 80.00	\$ 4.50	\$ 45.00
130	Hourly Labor	1 Man Crew	HR	20	\$ 65.00	\$ 1,300.00	\$ 60.00	\$ 1,200.00
131		2 Man Crew	HR	30	\$ 130.00	\$ 3,900.00	\$ 120.00	\$ 3,600.00
132		3 Man Crew	HR	10	\$ 180.00	\$ 1,800.00	\$ 180.00	\$ 1,800.00
133	Special Material	N/A	EA	N/A	10%		10%	
TOTAL						\$ 351,256.10		\$ 134,374.25

Contractor	Total Bid Amount
Lindavid, Inc. (D.B.A. C&C Fencing) McDonough, GA	\$134,374.25
Alex Security	\$351,256.10

Cummins, GA	
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Recommendation:

CCWA staff recommended awarding the Annual Contract for Fence Installation and Repairs to Lindavid, Inc. at the unit pricing provided.

UPON MOTION by Dr. Cephus Jackson and second by Vivian Baldwin, it was unanimously

RESOLVED to award the Annual Contract for Fence Installation and Repairs to Lindavid, Inc. based on their unit prices provided with an option to renew for a second and third year with the same terms and conditions, contingent upon approval of bonds and insurance as required and to authorize the General Manager to sign the contract.

Mud Creek Property Acquisition Recommendation: Stormwater Director Kevin Osbey presented a recommendation on the Mud Creek Property Acquisition.

The Clayton County Water Authority's (CCWA) Stormwater Utility (Utility) performed a Watershed Master Plan on the Upper Flint River area in 2010. Within that study, Mud Creek was identified as a stream segment that has been impacted by stormwater runoff from large amounts of impervious surfaces in the northern part of the County. This increased runoff has caused high rates of stream erosion, impacted water quality, and increased flood risks.

One section of trail way has been identified along Mud Creek, a smaller tributary to Flint River. This section was identified based on several opportunities including connectivity with proposed trails along the Flint River and areas to the east, like the State Farmers Market. The Conservation Fund was contacted by a property management firm that represents two properties located on Mud Creek just south of the Forest Parkway I-75 South entrance. The firm has expressed interest in liquidating the properties.

At the August CCWA Board Meeting, Staff made a recommendation to work with The Conservation Fund in moving forward with this acquisition. Board authorized a preliminary acquisition limit of \$150,000 including any legal fees, appraisal, and closing costs. Any amounts above that value would need to be brought back for Board approval.

The Conservation Fund has moved forward with its due diligence for the property acquisition. This includes a site survey, appraisal, and environmental compliance report. The properties appraised for \$162,000. The sale price for the two tracts has been established at \$160,000. Therefore, the total costs are as such:

Purchase Price	\$160,000
Overhead Fee (5% of PP)	\$ 8,000
Environmental Compliance Report	\$ 1,700

Site Survey	\$ 7,500
Appraisal	<u>\$ 1,800</u>
Total Acquisition Charge	\$179,000

Recommendation:

CCWA staff recommended entering into an agreement with the Conservation Fund to acquire the properties at a cost not to exceed \$179,000.00.

UPON MOTION by Dr. Cephus Jackson and second by Rodney Givens, it was unanimously

RESOLVED to enter into an agreement the Conservation Fund to acquire the properties at a cost not to exceed \$179,000.00.

Flint River Outfall Replacement Phase 3 Recommendation: Program Management and Engineering Director Kelly Taylor presented a recommendation on the Flint River Outfall Replacement Phase 3 Project.

Project Component	Budget Estimate
Board of Directors Request:	
Construction Contract by RFB	\$ 9,399,555.25
FRPM Pipe by RFQ	\$ 1,307,301.20
Board Request Subtotal	\$ 10,706,856.45
Other Project Components (by multiple and various procurement methods):	
CCWA Labor and Equipment	\$ 448,662.00
Easements (28) and Permits	\$ 15,210.00
Outside Services (Engineering Phase)	\$ 265,794.00
Outside Services (Construction Phase)	\$ 210,850.00
Other Pipe and Materials	\$ 169,542.00
Subtotal	\$ 1,110,058.00
Total Budget Estimate	\$ 11,816,914.45

Bidders	Total Bid Amount	WBE/MBE Utilization
John D. Stephens, Inc.	\$9,399,555.25	6.03%
Astra Grading and Pipe, LLC	\$13,288,888.00	8.17%
Ruby Collins, Inc.	\$14,741,218.00	3.80%
CMES, Inc.	\$16,115,141.50	0%

On CCWA led pipe projects, we purchase the majority of pipe materials to save on contractor markups and sales tax. For this project, two types of pipe material are being used and competitive quotes were solicited.

- Fiberglass Reinforced Polymer Mortar (FRPM) pipe was used for Phase 1a, 1b, and 2 and we would like to continue to utilize FRPM pipe for this and future large pipe replacement projects as it is inherently corrosion resistant due to the materials used to make the pipe. Competition for FRPM pipe is limited to a centrifugally cast manufacturing process (HOBAS Pipe USA) and a continuous wound manufacturing process (Thompson Pipe Group (TPG) Pressure, Inc.). Both manufacturers were provided an opportunity to utilize their pipe in Phase 1a and both installations were successful. HOBAS provided the lowest quote at \$1,161,793.60.

Item	Item Description	Quantity (feet)	HOBAS Pipe		TPG Pressure, Inc.	
			Unit Price	Extended Amount	Unit Price	Extended Amount
1	42-inch FRPM	4,480	\$121.77	\$545,529.60	\$135	\$604,800.00
2	36-inch FRPM	4,160	\$100.15	\$416,624.00	\$110	\$457,600.00
3	30-inch FRPM	2,480	\$80.50	\$199,640.00	\$95	\$235,600.00
Total Quote				\$1,161,793.60		\$1,298,000.00

- Ductile iron pipe, coated with a ceramic epoxy lining, is required for shallow pipe areas. CCWA's annual services ductile iron pipe contract does not accommodate pipe 42-inches or greater or epoxy coated pipe, so the two pipe manufacturers that do provide the materials required were solicited for competitive quotes for three different items. US Pipe had the lowest quote for Item 1 at \$123,690. American did not provide pricing for Items 2 and 3.

Item	Item Description	Quantity (feet)	US Pipe		American	
			Unit Price	Extended Amount	Unit Price	Extended Amount
1	42-inch DIP, Epoxy Lined	600	\$206.15	\$123,690.00	\$335.96	\$201,000.00
Total Quote				\$123,690.00		\$201,000.00

Item	Item Description	Quantity (feet)	US Pipe		American	
			Unit Price	Extended Amount	Unit Price	Extended Amount
2	42-inch DIP, Epoxy Lined Type A	40	\$245.43	\$9,817.20	No Bid	No Bid
3	42-inch DIP, Epoxy Lined Type B	40	\$300.01	\$12,000.40	No Bid	No Bid
Total Quote				\$21,817.60		No Bid

Recommendation:

CCWA staff recommended awarding the Flint River Outfall Replacement Phase 3 to John D. Stephens, Inc. at a total cost of \$9,399,555.25. Staff also recommended awarding the pipe and field services for the project to HOBAS (FRMP) and U.S. Pipe (Ductile Iron Pipe) at the unit pricing provided as primary vendors and to TPG Pressure, Inc. and American at the unit pricing provided as secondary vendors.

UPON MOTION by Dr. Cephus Jackson and second by Robin Malone, it was unanimously

RESOLVED to award the Flint River Outfall Replacement Phase 3 Project to John D. Stephens, Inc. at a cost not to exceed \$9,399,555.25 contingent upon approval of bonds and insurance as required and to authorize the General Manager to sign the contract; along with awarding pipe and field services for the project to HOBAS (FRMP Pipe) and U.S. Pipe (Ductile Iron Pipe) at the unit pricing provided as primary vendors; with TPG Pressure, Inc. and American at the unit pricing provided as secondary vendors.

Metrics Identification and Usage Improvement Strategy Task Order Recommendation: Program Management and Engineering Director Kelly Taylor presented a recommendation on the Metrics Identification and Usage Improvement Strategy Task Order.

The recently completed Strategic Asset Management Plan (SAMP) identifies 32 asset management improvement projects that define a roadmap to help CCWA continuously improve the way it manages its assets and realize its strategic vision. For each of our functional areas (organization support, warehouse, linear, facilities) the current state was identified for each of the following strategic initiatives:

- 1) Organizational Readiness
- 2) IT/Data Management/Usage
- 3) Work Management
- 4) Maintenance and Reliability
- 5) Inventory Management
- 6) Planning and Scheduling
- 7) Metrics and Performance
- 8) Operator Driven Reliability

Once the “current state” was defined, opportunities for improving in each area were identified. These opportunities are based on staff input as well as best practices. Ultimately, the various improvement opportunities were bundled into projects that aligned closely with each other, which resulted in 32 projects.

A strategic initiative leader(s) was identified for each of the eight areas and they are responsible for the overall success of each initiative. This role is responsible for advocating for the project across all functional areas. Rodney Perkins and Kelly Taylor are the Strategic Initiative Leaders for the Metrics and Performance category.

CCWA developed levels of service (LOS) and began tracking and reporting progress beginning in FYB13. As CCWA focuses on continuous improvement in all areas of asset management, the project team identified that the metrics need to be more closely aligned to these asset management goals. The objective of this project is to expand existing asset management, maintenance and reliability, and regulatory reporting key performance

indicators (KPIs) to include those that also inform asset management decision-making. Additionally, as part of the SAMP task order, CCWA has been working on piloting improvements through the Structured Cleaning Program in the Conveyance group. This program focused on one of key metrics for CCWA, reducing the number of sanitary sewer spills caused by maintenance issues. The primary focus of this program is to optimize the cleaning program using data feedback by identifying the correct frequency for cleaning specific pipe segments. As part of measuring the success of this program, CCWA is in the process of refining the way we measure and report spills and sewer backups as well as how we modify operations based on these spills. Task 4 in the scope of work will address development needs in this area.

Recommendation:

CCWA staff recommended awarding Task Order JA-OP-19-02 to Jacobs Engineering at a cost not to exceed \$132,928.00.

UPON MOTION by Dr. Cephus Jackson and second by Robin Malone, it was

RESOLVED to award Task Order JA-OP-19-02 to Jacobs Engineering for a not to exceed cost of \$132,928.00 and to authorize the General Manager to sign the Task Order. In favor: John Chafin, John Westervelt, Dr. Cephus Jackson, Robin Malone and Vivian Baldwin. Abstain: Rodney Givens. Motion passes.

Resolution #2019-04 for Georgia Outdoor Stewardship Grant and Resolution #2019-05 for Georgia Recreational Trails Grant: Assistant General Manager Teresa Worley presented a recommendation on Resolution #2019-04 for Georgia Outdoor Stewardship Grant and Resolution #2019-05 for Georgia Recreational Trails Grant.

The Huie Nature Preserve Foundation is seeking additional funds by applying for the Georgia Outdoor Stewardship Grant and the Georgia Recreational Trails Grant. Each of these grants would require CCWA to match 20-25%.

STATE OF GEORGIA
COUNTY OF CLAYTON

RESOLUTION NO. 2019-04

WHEREAS, the Clayton County Water Authority Board of Directors ("Board") developed the Huie Site Detailed Recreational Master Plan in 2016 which outlines a vision to transform 712 acres of the Huie Site to provide new recreational, community, and educational opportunities; and

WHEREAS, the Board created the Huie Nature Preserve Foundation to solicit and receive donations and maintain a fund to provide for outdoor recreational facilities and programs with a water resources theme on property owned by the Clayton County Water Authority; and

WHEREAS, the Georgia Outdoor Stewardship Program grant program funds stewardship projects that support local parks and trails with a 75-percent state match fund; and

WHEREAS, the Board has elected to earmark revenues from timber harvesting operations to manage the Huie property and fund the advancement of recreational, community, and educational opportunities; and

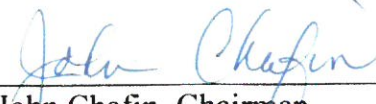
WHEREAS, the Huie Nature Preserve Foundation Board and the CCWA Board intend to use a combination of public and private funds to support the construction of the recreational facilities outlined in the Huie Site Detailed Recreational Master Plan.

NOW THEREFORE, BE IT AND IT IS HEREBY RESOLVED THAT:

The Board supports the submission of a Georgia Outdoor Stewardship Program grant for the final design and construction of approximately 0.6 mile of 10-wide multipurpose trail with a project cost of \$1,000,000 and a local match of \$250,000 to come from earmarked timber harvesting revenues and for the Chairperson to sign the cover letter submitting said application.

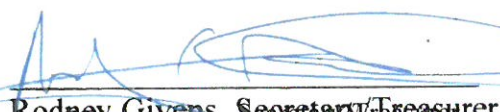
SO RESOLVED this 3rd day of October 2019.

Clayton County Water Authority:



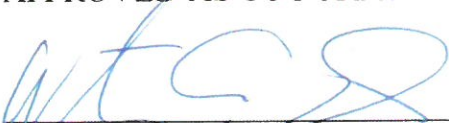
John Chafin, Chairman

Attest:



Rodney Givens, Secretary/Treasurer

APPROVED AS TO FORM:



Steven M. Fincher, Attorney for CCWA Board of Directors

Steven M. Fincher, Attorney for
CCWA Board of Directors

STATE OF GEORGIA
COUNTY OF CLAYTON

RESOLUTION NO. 2019-05

WHEREAS, the Clayton County Water Authority Board of Directors ("Board") developed the Huie Site Detailed Recreational Master Plan in 2016 which outlines a vision to transform 712 acres of the Huie Site to provide new recreational, community, and educational opportunities; and

WHEREAS, the Board created the Huie Nature Preserve Foundation to solicit and receive donations and maintain a fund to provide for outdoor recreational facilities and programs with a water resources theme on property owned by the Clayton County Water Authority; and

WHEREAS, the Georgia Recreational Trails Grant Program supports the development and maintenance of a variety of trail types and trail-related facilities with a 80-percent federal match; and

WHEREAS, the Board has elected to earmark revenues from timber harvesting operations to manage the Huie property and fund the advancement of recreational, community, and educational opportunities; and

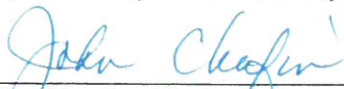
WHEREAS, the Huie Nature Preserve Foundation Board and the CCWA Board intend to use a combination of public and private funds to support the construction of the recreational facilities outlined in the Huie Site Detailed Recreational Master Plan.

NOW THEREFORE, BE IT AND IT IS HEREBY RESOLVED THAT:

The Board supports the submission of a Georgia Recreational Trails grant for the design and construction of approximately 0.6 mile of 3-foot wide nature trail, parking lot improvements, and a new boat dock with a project cost of \$240,000 and a local match of \$40,000 to come from earmarked timber harvesting revenues and for the Chairperson to sign the cover letter submitting this grant application.

SO RESOLVED this 3rd day of October 2019.

Clayton County Water Authority:



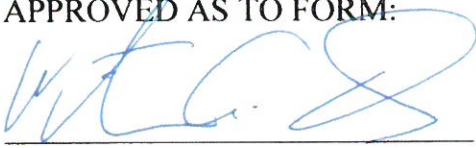
John Chafin, Chairman

Attest:



Rodney Givens, Secretary/Treasurer

APPROVED AS TO FORM:



Steven M. Fincher, Attorney for
CCWA Board of Directors

Recommendation:

CCWA staff recommended the approval of Resolution #2019-04 for Georgia Outdoor Stewardship Grant and Resolution #2019-05 for Georgia Recreational Trails Grant.

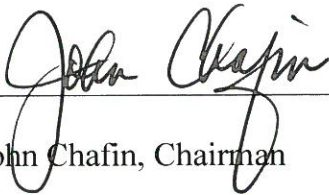
UPON MOTION by Dr. Cephus Jackson and second by Vivian Baldwin, it was unanimously

RESOLVED to approve Resolution #2019-04 for the Georgia Outdoor Stewardship Grant and Resolution #2019-05 for the Georgia Recreational Trails Grant; approval commits CCWA to provide matching funds totaling \$290,000.00 with the matching funds being transferred from CCWA Timber Sales to the Huie Nature Preserve Foundation

Adjourn

UPON MOTION by Dr. Cephus Jackson and second by Rodney Givens, it was unanimously

RESOLVED to adjourn the Board Meeting at 2:50 p.m., there being no further business to come before the Board of Directors.



John Chafin, Chairman



Rodney Givens, Secretary/Treasurer