

CLAYTON COUNTY WATER AUTHORITY
Regular Board Meeting

Present at the meeting were: Chairman Robin Malone, Vice Chair Marie Barber, Secretary/Treasurer Rodney Givens, Board Member John Chafin, Board Member Dr. Cephus Jackson, Board Member Mike Thomas, Board Member Emma Godbee, General Manager H. Bernard Franks, Assistant General Manager Keisha Thorpe, Legal Counsel Winston Denmark, Executive Coordinator Rhonda Maxwell and other CCWA staff and visitors. Absent: Assistant General Manager Teresa Worley.

Invocation

Chairman Robin Malone introduced Plant Services Manager Brent Taylor to perform the invocation.

Adoption of Agenda

UPON MOTION by Dr. Cephus Jackson and second by Marie Barber it was unanimously RESOLVED to approve the agenda as presented.

Approval of Minutes

Chairman Robin Malone called for any omissions or additions to the Minutes of the Regular Board Meeting held on November 3, 2022.

UPON MOTION by Dr. Cephus Jackson and second by Marie Barber, it was unanimously RESOLVED to approve the Minutes of the Regular Board Meeting held on November 3, 2022.

Financial and Statistical Reports

Finance Director Allison Halron reviewed the financial information distributed to the Board for the period ending October 31, 2022. Information only, no action taken.

Recognition

Community Relations Manager Suzanne Brown presented awards to HR for the General Local Government Personnel Association 2022 HR Agency Award of Excellence, Georgia Council for Human Resources 2022 HR Excellence Award – Team of the Year, and HRO Today 2022 Innovation in HR Award – HR Team of the Year (Finalist). Information only. No action taken.

New Business

Auditors Report: Mauldin & Jenkins, LLC. Meredith Lipson provided the Auditors Report for Fiscal Year Ending April 30, 2022. Information only. No action Taken.

Compliance Report

The financial report package contains a report on tests of the Authority's internal controls and compliance with laws, regulations, etc. The report is not intended to provide an opinion on internal controls and compliance with applicable rules and regulations.

This report and the procedures performed are required by *Government Auditing Standards*.

Single Audit Report

The financial report package also contains a report on tests of the Authority's internal controls and compliance with laws, regulations, etc. relative to certain Federal grant programs and the respective expenditures. Tests were performed on the *Capitalization Grant for Clean Water State Revolving Loan Funds* program.

Small Pressure Flow Pipe Work Bid Recommendation: Engineering Director Kelly Taylor presented the bid recommendation for Small Pressure Flow Pipe Work.

CCWA utilizes annual services contracts to support our various pipeline replacement and rehabilitation programs. CCWA currently has four annual contracts for pipe repair, replacement, and rehabilitation:

- The General Pipe Work annual services contract is for open cut work and is used for water, sewer, or stormwater pipe repairs. This contract applies to gravity and pressure pipe up to 108-inches. Hall Construction (Primary Contractor), DAF Concrete (Backup), and Jewel of the South (Backup) are in their third and final year of this contract which expires on October 31, 2023.
- The Small Gravity Pipe Replacement contract provides services to failing sewer and stormwater pipes up to 24-inches. Hall Construction is in their third and final year of this contract which expires on January 31, 2023.
- The Small Pressure Flow Pipe Work contract provides services to failing water and sewer force main pipes up to 8-inches. Hall Construction is in their third and final year of this contract which expires on January 31, 2023.
- The Cured-In-Place Pipe Rehabilitation contract provides services for replacement of failing sewer and stormwater pipes from 8-inch up to 108-inch pipe. Southeast Pipe

Survey, Inc. (Primary) and IPR Southeast (Backup) is in year one of the contract, and should they be renewed for two additional years, it would expire on June 30, 2025.

CCWA’s pipeline renewal program includes several programs that require open cut replacement work and are summarized in Exhibit 1. Most programs are implemented using annual service contracts; however, large projects are typically put out for bid. The estimated annual goals are also included. The previous contract for Small Pressure Flow Pipe Work spent an average of \$1.15 million in the first two years of the contract.

EXHIBIT 1 – Pipeline Renewal and Replacement Programs

Program	Estimated Annual Goals
Galvanized Pipeline Replacement Program	\$1.5M/year
Stormwater Replacement	\$3.0M/year
Basin Level Sewer Replacement	\$2M/year
Force Main Replacement	\$1M/year
Large Outfall Replacement	\$6M/year
Sewer Emergency Repairs	annual cost varies
Stormwater and Conveyance Maintenance Crew Support	annual cost varies

The three open cut contracts and one cured-in-place pipe annual services contract gives CCWA the flexibility needed to support all our various pipeline programs. A bid recommendation for a “Small Gravity Flow Pipe Work” contract is on this December 2022 board agenda as well. This “Small Pressure Flow Pipe Work” contract was developed to primarily support the galvanized pipeline program but could also be used for various sewer force main replacement projects as it allows for pressure pipe projects up to 8-inches (see Exhibit 2).

CCWA opened bids on November 1, 2022 after a four-week advertisement period. Thirty-six contractors were notified, 12 of which were classified as a WBE/DBE/SLBE. One contractor, sub-contractors and suppliers attended a non-mandatory pre-bid conference where our staff explained the RFB requirements including the SLBE bid discount as well as work and methods involved in this work. Bids received are summarized in Exhibit 3.

Exhibit 2 – Typical Small Pressurized Pipe Projects



EXHIBIT 3 – Bid Evaluation

Bids Received	Total Bid Evaluation Amount (Typical Job)	SLBE Notes	SLBE Bid Discount	SLBE Adjusted Bid Amount
Don Hall Construction	\$208,916.50	CCWA Certified Prime SLBE	10%	\$188,024.85
Roberts Hauling and Pipeline Construction, Inc.	Non-responsive			

A total of two bids were received at the bid opening. A bid review was performed that included a review for compliance with the SLBE bid requirements. This request for bid offered a 7.5% or 10% bid discount for CCWA certified SLBE primes (depending on location). This bid contained a total of 201 bid items and the basis of the bid evaluation was through the use of a typical job. A typical job is a list of selected work items and quantities that represents a typical job to be issued under this contract. The selected items and quantities were provided at the bid opening and applied to the bid prices provided by each contractor. The “Total Bid Evaluation Amount (Typical Job)” listed in Exhibit 3 represented the total value of the typical job provided at the bid opening. Exhibit 3 also shows any SLBE Bid Discounts that were applicable to each bidder and the “SLBE Adjusted Bid Amount” that was the basis for selection. Roberts Hauling and Pipeline

Construction Inc. was deemed non-responsive. Considering any applicable SLBE Bid Discounts, Don Hall Construction had the lowest SLBE Adjusted Bid Amount of \$188,024.85.

Recommendation:

CCWA staff recommends awarding the annual bid to Don Hall Construction, based on the unit pricing supplied. Terms of this agreement will be from February 1, 2023 through January 31, 2024. Agreement may be renewed by mutual consent of all parties for a second and third year, based on the renewal adjustments outlined in the Request for Bid.

This award is contingent upon the successful bidder meeting bond requirements, risk management requirements and executing the contract as well as the Board authorizing the General Manager to sign the contract. Work will be determined and assigned on an “as-needed,” “when needed” basis. CCWA does not guarantee any minimum or maximum work quantities under this contract and reserves the right to bid any similar type of work of this contract as a separate procurement at its sole discretion.

UPON MOTION by Dr. Cephus Jackson, second by John Chafin, it was

RESOLVED to award annual contract for Small Pressure Flow Pipe Work to Don Hall Construction in the amount of \$188,024.85 beginning February 1, 2023 – January 31, 2024, authorizing the General Manager to sign the contract. Agreement may be renewed by mutual consent of all parties for a second and third year, based on the renewal adjustments.

Small Gravity Flow Pipe Work Bid Recommendation: Engineering Director Kelly Taylor presented the bid recommendation for Small Gravity Flow Pipe Work.

CCWA utilizes annual services contracts to support our various pipeline replacement and rehabilitation programs. CCWA currently has four annual contracts for pipe repair, replacement, and rehabilitation:

- The General Pipe Work annual services contract is for open cut work and is used for water, sewer, or stormwater pipe repairs. This contract applies to gravity and pressure pipe up to 108-inches. Hall Construction (Primary Contractor), DAF Concrete (Backup), and Jewel of the South (Backup) are in their third and final year of this contract which expires on October 31, 2023.
- The Small Gravity Pipe Replacement contract provides services to failing sewer and stormwater pipes up to 24-inches. Hall Construction is in their third and final year of this contract which expires on January 31, 2023.

- The Small Pressure Flow Pipe Work contract provides services to failing water and sewer force main pipes up to 8-inches. Hall Construction is in their third and final year of this contract which expires on January 31, 2023.
- The Cured-In-Place Pipe Rehabilitation contract provides services for replacement of failing sewer and stormwater pipes from 8-inch up to 108-inch pipe. Southeast Pipe Survey, Inc. (Primary) and IPR Southeast (Backup) are in year one of the contract, and should they be renewed for two additional years, it would expire on June 30, 2025.

CCWA’s pipeline renewal program includes several programs that require open cut replacement work and are summarized in Exhibit 1. Most programs are implemented using annual service contracts however large projects are typically put out for bid. The estimated annual goals are also included. The previous contract for Small Gravity Flow Pipe Work spent an average of \$2.36 million in the first two years of the contract.

EXHIBIT 1 – Pipeline Renewal and Replacement Programs

Program	Estimated Annual Goals
Galvanized Pipeline Replacement Program	\$1.5M/year
Stormwater Replacement	\$3.0M/year
Basin Level Sewer Replacement	\$2M/year
Force Main Replacement	\$1M/year
Large Outfall Replacement	\$6M/year
Sewer Emergency Repairs	annual cost varies
Stormwater and Conveyance Maintenance Crew Support	annual cost varies

The three open cut contracts and one cured-in-place pipe annual services contract gives the flexibility needed to support our various pipeline programs. A bid recommendation for a “Small Pressure Flow Pipe Work” contract is on this December 2022 board agenda as well. The focus of this “Small Gravity Flow Pipe Work” contract is to support any open cut gravity sewer or stormwater pipeline jobs up to 24-inches (see Exhibit 2). This contract could be used for any of the programs listed above (depending on size), except for galvanized and force main replacements.

CCWA opened bids on November 1st, 2022, after a four-week advertisement period. Thirty-six contractors were notified, twelve of which were classified as a WBE/DBE/SLBE. One contractor, sub-contractors and suppliers attended a non-mandatory pre-bid conference where our staff explained the RFB requirements including the SLBE bid discount as well as work and methods involved with this contract. Bids received are summarized in Exhibit 3.

EXHIBIT 2 – Typical Open Cut Gravity Pipe Projects



EXHIBIT 3 – Bid Evaluation

Bids Received	Total Bid Evaluation Amount (Typical Job)	SLBE Notes	SLBE Bid Discount	SLBE Adjusted Bid Amount
Don Hall Construction	\$446,305.00	CCWA Certified Prime SLBE	10%	\$401,674.50

One bid was received at the bid opening. A bid review was performed that included a review for compliance with the SLBE bid requirements. This request for bid offered a 7.5% or 10% bid discount for CCWA certified SLBE primes (depending on location). This bid contained a total of 350 bid items and the basis of the bid evaluation was through the use of two typical jobs. A typical job is a list of selected work items and quantities that represents a typical job to be issued under this contract. The selected items and quantities were provided at the bid opening and applied to the bid prices provided by each contractor. The “Total Bid Evaluation Amount (Typical Job)” listed in Exhibit 3 represented the total value of the two typical jobs provided at the bid opening. Exhibit 3 also shows any SLBE Bid Discounts that were applicable to the bidder and the “SLBE Adjusted Bid Amount” that was the basis for selection. Considering any applicable SLBE Bid Discounts, Don Hall Construction had the lowest SLBE Adjusted Bid Amount of \$401,674.50.

Recommendation:

CCWA staff recommends awarding the annual bid to Don Hall Construction, based on the unit pricing supplied. The terms of this agreement will be from February 1, 2023 through January 31, 2024. Agreement may be renewed by mutual consent of all parties for a second and third year, based on the renewal adjustments outlined in the Request for Bid.

This award is contingent upon the successful bidder meeting bond requirements, risk management requirements and executing the contract as well as the Board authorizing the

General Manager to sign the contract. Work will be determined and assigned on an “as-needed,” “when needed” basis. CCWA does not guarantee any minimum or maximum work quantities under this contract and reserves the right to bid any similar type of work of this contract as a separate procurement at its sole discretion.

UPON MOTION by Dr. Cephus Jackson, second by John Chafin, it was

RESOLVED to award annual contract for Small Gravity Flow Pipe Work to Don Hall Construction in the amount of \$401,674.50 beginning February 1, 2023 – January 31, 2024, authorizing the General Manager to sign the contract. Agreement may be renewed by mutual consent of all parties for a second and third year, based on the renewal adjustments.

J.W. Smith WTP River Pump Replacement Recommendation: Water Production Director Coty McDaniel presented the recommendation for J.W. Smith WTP River Pump Replacement.

Pumps are one of the major components used in the processing of all water within Clayton County Water Authority (CCWA). All submersible pumps used at CCWA are Xylem (Flygt) pumps and range in sizes from 20 horsepower (HP) up to 500 horsepower (HP). J.W. Smith Water Treatment Plant (WTP) is the Authority’s second largest water treatment plant and is permitted to withdraw up to 40 MGD from the Flint River. The pump is used to pump water from the Flint River to the Smith Reservoir which supplements the Smith Reservoir especially in times of drought. This pump was installed in 1996 and needs replacing. Xylem Water Solutions USA, Inc., Flygt Products, is our Sole Source vendor for these pumps due to uniformity with current pumps, quality of product & service as well as engineering of existing pumps based on original design that are specific to our application. The cost of the pump is listed below:

Facility	Pump Size	Cost
J.W. Smith WTP	70 HP	\$ 63,460.50

Recommendation:

CCWA staff recommends due to uniformity, quality, relationship, and application of the pumps that we purchase the pump from Xylem Water Solution USA. Inc., Flygt Products, in the amount of \$63,460.50 for the J W Smith WTP.

UPON MOTION by John Chafin, second by Dr. Cephus Jackson, it was

RESOLVED to approve J.W. Smith WTP Raw Water Pump Replacement purchase from Xylem Water Solutions USA, Inc., Flygt Products in the amount of \$63,460.50.

Physical Security Phase 4 Implementation Recommendation: Information Technology Director Derek Doss presented the recommendation for the Physical Security Phase 4 Implementation.

Phase 4 of the Security Management System (SMS) implementation was developed after Authority-wide assessments with department Directors, Executive Leadership, and Third-Party Consultants. From those assessments we identified the need for early detection of security breaches along our perimeters, the need to add controlled access at several locations, and to upgrade devices that have or are reaching their end of life.

The tasks needed to meet our objectives in this phase are as follows:

1. Upgrade of HQ cameras to provide 100% coverage with early intrusion detection, provide audio recording in customer areas, and bi-directional communication/messaging to intruders.
2. Procure Mobile Pro Systems units for deployment to high-value locations that lack the infrastructure for permanent solutions.
3. Integrate HQ panic buttons in the Genetec Security Center.
4. Integrate FP panic buttons in the Genetec Security Center.
5. Install license plate readers at HQ to deter tailgating and unauthorized entry.
6. Equip additional doors at HQ to better secure employee workspaces.
7. Equip additional doors at SW to better secure employee workspaces.
8. Add sounders to all doors to provide an audible alarm if left unsecured.
9. Provide additional camera surveillance for the Wetlands Center.
10. Provide additional camera surveillance for the Huie Pond Complex.

Staff drafted recommendations along with analysis from Invictus Consulting for the implementations included and solicited pricing from Convergent Technologies under the State of Georgia Contract #99999-SPD-SPD0000172-006- Integrated Security and Surveillance Products and Services. The pricing for this phase was based on need assessments performed post completion of hardware and software installation.

Recommendations were vetted by our CCWA SLBE security consulting firm Invictus Consulting, LLC.

The projected costs are summarized as follows:

- Hardware and Software Configuration Services - \$472,920.00
- Program Management/Services During Construction: Invictus Consulting - \$68,172.00
- Project Contingency - \$54,109.00 (10% of the total projected costs are included to offset potential costs increases due to supply chain disruptions and software needs).
- Total projected costs for the proposed Phase 4 - \$595,201.20
- These projected costs are based on confirmed MSRP pricing from software/hardware manufacturers and are not to exceed values.

Recommendation:

CCWA staff recommends approval to implement the security management system plan “Phase 4” using Convergent Technologies (GA State Contract) and Invictus Consulting for Project Management/Services During Construction for an amount not to exceed \$595,201.20. Contract is contingent upon vendors providing the proper insurance and executing the well as the Board authorizing the General Manager to sign the contract.

UPON MOTION by Dr. Cephus Jackson, second by Marie Barber, it was

RESOLVED to approve using Convergent Technologies (GA State Contract) and Invictus Consulting for Project Management/Services During Construction for an amount not to exceed \$595,201.20 authorizing the General Manager to sign the contract.

Walt Stephens and Rock Cut Road Culvert Rehabilitation Design and Bid Phase Services Task Order Recommendation: Stormwater Director Kevin Osbey presented the Task Order Recommendation for Walt Stephens and Rock Cut Road Culvert Rehabilitation Design and Bid Services.

As part of Clayton County Water Authority’s Stormwater Program, our team performs inspections of stormwater infrastructure as required by Clayton County’s Municipal Separate Storm Sewer System (MS4) Permit. During these required inspections, our team found two creek culverts in need of rehabilitation. A conceptual design was previously performed and a recommendation for rehabilitation was determined for both culverts.

The first culvert is located near Lake Spivey, on Walt Stephens Road. Just west of Camp Avenue. This culvert has one separate/detached wingwall, on the downstream end.

Flows coming through the culvert is actively eroding the earth behind the wingwall and underneath the culvert. The second location is within the city limits of Forest Park, on Rock Cut Road. Similar to the first culvert, flows have eroded both wingwalls, on the downstream side, and is actively undermining the culvert.

To move forward with the recommendations from the concept design, staff reached out to Rivers 2 Tap (R2T) for full-scaled design and bidding services assistance. R2T prepared a scope of services that would help CCWA to deliver the much-needed repair.

The scope of services includes:

- Task 1 – Boundary Survey and Tree Inventory
- Task 2 – Preliminary Engineering (30% Design)
- Task 3 – Detailed Design (60%, 90%, and 100% Design)
- Task 4 – Permitting
- Task 5 – Bidding Support

Recommendation:

CCWA staff recommends awarding Walt Stephens and Rock Cut Road Culvert Rehabilitation Design and Bid Phase Services Task Order to R2T, Inc. in the amount of \$205,699.00.

UPON MOTION by Dr. Cephus Jackson, second by Marie Barber, it was

RESOLVED to award Walt Stephens and Rock Cut Road Culvert Rehabilitation Design and Bid Phase Services Task Order was awarded to R2T, Inc. in the amount of \$205,699.00.

Archery Environmental Assessment and Public Comments: Sustainable Water Planning & Engineering Kim Shorter presented the Archery Environmental Assessment and Public Comments for the proposed Huie Nature Preserve Archery Range.

An Environmental Assessment (EA) was conducted by Vanasse Hangen Brustlin, Inc. to determine if there were any environmental or historical concerns related to the area proposed for the Archery range. The EA included a site visit as well as review of available data sources. The EA resulted in a “Finding of No Significant Impacts” meaning that the construction of the proposed archery facility would not result in a significant loss of environment or any significant environmental concerns. The EA is requirement based on the federal funding source that has been offered by the Georgia Department of Natural Resources for the archery facility. Information only. No action taken.

Updates from the Board Members and General Manager

HR Director Anquilla Henderson introduced CCWA's new Mobile Illuminated Traffic Control Hub, "M.I.T.C.H." Information only. No action taken.

Purchasing Manager Marcia Jones presented a Procurement Change Order and Threshold Recommendation.

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

RESOLVED to approve General Manager to approve all change orders up to / not to exceed \$250,000 and all procurements over \$100,000 require Board approval.

CCWA Legal Counsel Winston Denmark presented the Board Travel Review.
Information only. No action taken.

Adjourn

UPON MOTION by Rodney Givens, second by Mike Thomas it was

RESOLVED to adjourn the Board Meeting at 4:10 p.m., there being no further business to come before the Board of Directors.

Robin Malone, Chairman

Rodney Givens, Secretary/Treasurer