WINSTON-SALEM/FORSYTH COUNTY
UTILITY COMMISSION

AGENDA

REGULAR MEETING

June 12, 2023

12:30 P.M.

cityofws.org/utilities
COMMISSION MEMBERS

L. Wesley Curtis, Jr., Chair

Chris Parker, Vice Chair

Simpson O. Brown, Jr.

Harold Eustache

Tom Griffin

Yvonne H. Hines

Hugh W. Jernigan

Duane Long

Calvin McRae

Charles Wilson

Allan Younger

STAFF

Aaron King
Assistant City Manager

Courtney Driver, P.E.
Utilities Director

Beth Broom
Recording Clerk
336-747-6862
1. CLOSED SESSION – ZACHRY CONSTRUCTION CORPORATION

2. RESOLUTION OF APPRECIATION – ALLAN YOUNGER

3. APPROVAL OF MINUTES – MAY 8, 2023

OPERATIONS ITEM(S):

4. CONSIDERATION OF A RESOLUTION AUTHORIZING EXECUTION OF VARIOUS AGREEMENTS REGARDING PROPOSED WATER AND SANITARY SEWER IMPROVEMENTS TO BE INSTALLED WITHIN VARIOUS DEVELOPMENTS.

FINANCE COMMITTEE ITEM(S):

5. CONSIDERATION OF RESOLUTION AWARDING A CONTRACT FOR BRASS FITTINGS.

6. CONSIDERATION OF A RESOLUTION AUTHORIZING THE EXECUTION OF A UTILITY AGREEMENT WITH THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION FOR UTILITY WORK RELATED TO ROADWAY WIDENING ON SR 1672 (HANES MILL ROAD) FROM MUSEUM DRIVE TO NC 66 (UNIVERSITY PARKWAY).

7. CONSIDERATION OF A RESOLUTION AWARDING A CONSTRUCTION CONTRACT FOR THE OLD SALISBURY ROAD WATER MAIN RELOCATION PROJECT.

8. CONSIDERATION OF A RESOLUTION AUTHORIZING THE EXECUTION OF AN ENGINEERING AGREEMENT WITH DAVIS, MARTIN, POWELL AND ASSOCIATES, INC. TO PROVIDE CONSTRUCTION ADMINISTRATION SERVICES FOR A NORTH CAROLINA DEPARTMENT OF TRANSPORTATION NORTHERN BELTWAY CONSTRUCTION PROJECT.

9. CONSIDERATION OF A RESOLUTION AUTHORIZING A PURCHASE ORDER FOR TWO HALF-TON 4WD PICKUPS WITH BED COVER.

10. CONSIDERATION OF A RESOLUTION AUTHORIZING A SOLE SOURCE PURCHASE ORDER TO ANDRITZ SEPARATION, INC. FOR THE INSTALLATION OF NFPA 652 EQUIPMENT IN THE BIOSOLIDS DRYING FACILITY.

11. CONSIDERATION OF A RESOLUTION AWARDING A PURCHASE ORDER TO GREER INDUSTRIES, INC. FOR HYDRATED LIME.
12. CONSIDERATION OF A RESOLUTION AUTHORIZING A CONTRACT FOR CUSTODIAL AND FLOOR CARE SERVICES AT WATER AND WASTEWATER TREATMENT FACILITIES.

13. CONSIDERATION OF A RESOLUTION AWARDING A CONTRACT FOR GRIT HAULING SERVICES.

**PLANNING AND POLICY COMMITTEE ITEM(S):**

14. CONSIDERATION OF A RESOLUTION APPROVING UPDATED WATER AND SEWER SYSTEM DEVELOPMENT FEES IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 162A, ARTICLE 8 OF THE NORTH CAROLINA GENERAL STATUTES.
MOTION FOR CLOSED SESSION
June 12, 2023

I move that the Winston-Salem/Forsyth County Utility Commission go into closed session, pursuant to N.C.G.S. §143-318.11(a)(3), to consider and give instructions to its attorneys regarding the handling of claims by Zachry Construction Corporation, and to preserve the attorney-client privilege.
Resolution of Appreciation

to

ALLAN YOUNGER

WHEREAS, the Winston-Salem/Forsyth County Utility Commission was founded in June 1976; and

WHEREAS, Allan Younger has been generous with his time and effort to serve on the Winston-Salem/Forsyth County Utility Commission from 2018 to 2023; and

WHEREAS, during his tenure, he served on the Finance Committee; and


NOW, THEREFORE, BE IT RESOLVED, by the Winston-Salem/Forsyth County Utility Commission, a joint agency of the City of Winston-Salem and Forsyth County, that it hereby expresses sincere appreciation to Allan Younger for 5 years of dedicated service given to the Winston-Salem/Forsyth County Utility Commission and the citizens of Winston-Salem and Forsyth County.

BE IT FURTHER RESOLVED, that the Winston-Salem/Forsyth County Utility Commission acknowledges the significant contributions Allan Younger has made to the delivery of high-quality services to the citizens of this city and county.

BE IT FURTHER RESOLVED, that this resolution is reflected in the minutes of the Winston-Salem/Forsyth County Utility Commission and a copy is furnished to Allan Younger.

STATE OF NORTH CAROLINA • COUNTY OF FORSYTH

We, L. Wesley Curtis, Jr., Chair, and Beth A. Broom, Recording Clerk, do hereby certify the above to be a true and correct copy of a resolution entitled “RESOLUTION OF APPRECIATION TO Allan Younger” adopted on the 12th day of June, 2023.

IN WITNESS WHEREOF the Winston-Salem/Forsyth County Utility Commission has caused this instrument to be executed in its name and to be duly attested as authorized, this the 12th day of June, 2023.

___________________________________________
L. Wesley Curtis, Jr., Chair

___________________________________________
Beth A. Broom, Recording Clerk
A regular meeting of the Winston-Salem/Forsyth County Utility Commission was held in person, and streamed online, Monday, May 8, 2023, at 12:30 p.m., with Chair Wesley Curtis presiding.

Chair Wesley Curtis called the meeting to order.

**CALL TO ORDER**

MEMBERS PRESENT: Chair Wesley Curtis, Vice-Chair Chris Parker, Simpson Brown, Tom Griffin (Virtual), Yvonne Hines (Virtual), Duane Long, Calvin McRae, Charles Wilson, Allan Younger (Virtual)

MEMBERS ABSENT:  Harold Eustache, Hugh Jernigan

**WELCOME AND ANNOUNCEMENTS – DIRECTOR COURTNEY DRIVER:**

- Shanita Wright, Central Warehouse Manager, was introduced and is joining the meeting as a mentee of Kenny Atkins.
- Shantell McClam has been promoted to Neighborhood Services Director/Community Development
- 85 departmental vacancies
- American Water Works Association (AWWA) Drinking Water Week is May 7-13
- Approximately 5,000 people were in attendance for the Earth Day Fair held at the fairgrounds
- Update was given on the 65 West Pump Station project

Will Kerr, from Raftelis, gave an overview on the process to adopt System Development Fees which are anticipated to be adopted in June 2023. Mr. Kerr also discussed the methodology used in the System Development Fee Study performed by Raftelis to calculate the fees.

Following the presentation by Mr. Kerr, Chair Wesley Curtis opened a public hearing for comments on System Development Fees.

**Jon Lowder – President of Triad Real Estate Building Industry Coalition**

- Concerned about increasing the fees and keeping housing costs affordable.
- System Development Fees are a tax on one sector and that is the new development sector. Suggested there are more cost-effective ways of paying for this instead of burdening new development; for instance, issuing a bond. Stated the rates on a bond are typically lower than what the private sector is going to pay for financing any project.
- Concerned about scaling the fee up with meter size.
- Concerned that many projects are being financed based on the current fee structure and to keep in mind that the development process is a long process.
Milt Rhodes – Principal Planner for Arden Homes

- Arden Homes proposes to use 2.4 persons per household in the development of an Equivalent Residential Unit, as opposed to the three persons per household used in the Raftelis study.
- Arden Homes proposes to use a water loss factor of 1.0 and recommends that a study on the peaking factor be performed.
- Arden Homes proposes that the sewer system infiltration and inflow (I&I) factor be zeroed or removed.
- Arden Homes asks that WSFCU explain the increases in the sewer unit cost of capacity.
- Arden Homes proposes WSFCU consider using a different scaling of the fees, commenting that density reduces per capita usage.

Chair Wesley Curtis closed the public hearing.

Jan McHargue, Assistant Utilities Direct – Solid Waste, gave the FY 23-24 budget update for solid waste.

Ricky Ruvio, Assistant Utilities Director – Finance, gave the FY 23-24 budget update for water and wastewater.

Will Kerr presented the proposed rate increase recommended by the Finance Committee of the Winston-Salem/Forsyth County Utility Commission.

The following agenda items were presented for adoption and/or discussion:

3. APPRVAL OF MINUTES – April 10, 2023

OPERATIONS ITEM(S):

4. CONSIDERATION OF A RESOLUTION AUTHORIZING EXECUTION OF VARIOUS AGREEMENTS REGARDING PROPOSED WATER AND SANITARY SEWER IMPROVEMENTS TO BE INSTALLED WITHIN VARIOUS DEVELOPMENTS.

FINANCE COMMITTEE ITEM(S):

5. CONSIDERATION OF A RESOLUTION AWARDING A CONTRACT FOR THE SYSTEM-WIDE SEWER REHABILITATION PHASE 5 PROJECT.

6. CONSIDERATION OF A RESOLUTION REQUESTING M/WBE GOALS BE SET BELOW THE 10% MINIMUM GOAL FOR THE HYDRANT REPLACEMENT PROJECT.

7. CONSIDERATION OF A RESOLUTION AUTHORIZING A PURCHASE ORDER FOR A MEDIUM-DUTY 4WD CREW CAB PICKUP WITH CRANE AND UTILITY BODY.

8. CONSIDERATION OF A RESOLUTION AWARDING A CONTRACT TO ASCO POWER SERVICES, INC. TO UPGRADE PROGRAMMABLE LOGIC CONTROLLERS AND ASSOCIATED CONTROLS AT NORTHWEST RAW WATER PUMP STATION.
9. CONSIDERATION OF A RESOLUTION APPROVING PURCHASE ORDERS FOR SOLE SOURCE VENDORS.

10. CONSIDERATION OF A RESOLUTION AUTHORIZING EXECUTION OF A SECOND AMENDMENT TO THE WATER TOWER LICENSE AGREEMENT WITH T-MOBILE SOUTH LLC.

11. CONSIDERATION OF A RESOLUTION APPROVING THE FY 2023-24 WATER AND WASTEWATER OPERATIONS AND CAPITAL IMPROVEMENT BUDGETS AND REQUESTING ADOPTION BY THE CITY COUNCIL.

12. CONSIDERATION OF A RESOLUTION APPROVING THE FY 2023-24 SOLID WASTE OPERATIONS AND CAPITAL IMPROVEMENT BUDGETS AND REQUESTING ADOPTION BY THE CITY COUNCIL.

PLANNING AND POLICY COMMITTEE ITEM(S):

13. CONSIDERATION OF A RESOLUTION APPROVING WINSTON-SALEM/FORSYTH COUNTY UTILITIES JOINING THE YADKIN-PEE DEE WATER MANAGEMENT GROUP.

Motion to approve items 3 through 13

Commissioner Long: Moved approval
Commissioner Parker: Seconded

For: Simpson Brown, Tom Griffin, Yvonne Hines, Duane Long, Calvin McRae, Chris Parker, Charles Wilson, Allan Younger

Motion passes.

Motion to adjourn

Commissioner Parker: Moved approval
Commissioner Wilson: Seconded

For: Simpson Brown, Tom Griffin, Yvonne Hines, Duane Long, Calvin McRae, Chris Parker, Charles Wilson, Allan Younger

Motion passes.

ADJOURNMENT:

There being no further business to come before the Winston-Salem/Forsyth County Utility Commission, the meeting was adjourned at 2:15 p.m.

Recording Clerk – Beth A. Broom
Winston-Salem/Forsyth County Utility Commission  
Action Request Form

Date: June 12, 2023

To: Chair and Members of the Utility Commission

From: Courtney Driver, Utilities Director

Commission Action Requested:

Consideration of a Resolution Authorizing Execution of Various Agreements Regarding Proposed Water and Sanitary Sewer Improvements to be Installed Within Various Developments.

Strategic Plan Goal Area: Infrastructure  
Strategy: NA  
Key Work Item: No

Summary of Information:

The Winston-Salem/Forsyth County Utility Commission has received requests from various developers for permission to connect to Winston-Salem/Forsyth County Utilities water and sanitary sewer systems. The cost of installing these improvements will be borne by the developers.

<table>
<thead>
<tr>
<th>PROJECT NUMBER</th>
<th>DEVELOPMENT</th>
<th>ESTIMATED COSTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>12376</td>
<td>Brookford Road Sanitary Sewer Extension</td>
<td>0</td>
</tr>
<tr>
<td>12491</td>
<td>Lewisville Place Section V</td>
<td>4,500</td>
</tr>
<tr>
<td>12561</td>
<td>Gladstone Phase 2</td>
<td>378,600</td>
</tr>
<tr>
<td>12599</td>
<td>Sullivantown Road Sewer Improvements</td>
<td>0</td>
</tr>
<tr>
<td>12621</td>
<td>Clouds Harbor Phase 2</td>
<td>135,400</td>
</tr>
<tr>
<td>12640</td>
<td>Village of Clemmons Water Line</td>
<td>86,350</td>
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<tr>
<td>12644</td>
<td>Crossnore Trailhead</td>
<td>4,500</td>
</tr>
<tr>
<td>12646</td>
<td>The Lake at Belmont</td>
<td>0</td>
</tr>
<tr>
<td>12648</td>
<td>Bell West Phase 1C</td>
<td>61,400</td>
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<tr>
<td>12654</td>
<td>Cider Hill Subdivision</td>
<td>103,150</td>
</tr>
<tr>
<td>12655</td>
<td>Jonestown Road Subdivision Sanitary Sewer</td>
<td>0</td>
</tr>
<tr>
<td>12656</td>
<td>Sagebrush Trail Subdivision</td>
<td>318,900</td>
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<td>12657</td>
<td>Salem Brooke Subdivision</td>
<td>148,100</td>
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<tr>
<td>12663</td>
<td>Glen Abbey Subdivision</td>
<td>580,550</td>
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TOTAL 1,821,450 4,288,680

Submitted By: Todd Lewis, P.E.  
Name: Utilities Administration  
Department/Division:

Agenda | Appendix
RESOLUTION AUTHORIZING EXECUTION OF VARIOUS AGREEMENTS REGARDING PROPOSED WATER AND SANITARY SEWER IMPROVEMENTS TO BE INSTALLED WITHIN VARIOUS DEVELOPMENTS

WHEREAS, various developers request permission to connect to the water and sanitary sewer system of Winston-Salem/Forsyth County Utilities and extend mains within their respective developments; and

WHEREAS, the developers have submitted preliminary engineering drawings relative to their projects which have been reviewed by the staff and approved as being in accordance with current design standards of the City; and

WHEREAS, the total estimated cost of the water improvements is $1,821,450, with said cost to be borne by the developers; and

WHEREAS, the total estimated cost of the sewer improvements is $4,288,680, with said cost to be borne by the developers; and

WHEREAS, the developers have executed an agreement relative to their project listed below and returned it to the City with a request that these matters be submitted to the Winston-Salem/Forsyth County Utility Commission for its approval and authorization for execution by the appropriate City officials.
NOW, THEREFORE, BE IT RESOLVED, by the Winston-Salem/Forsyth County Utility Commission, an agency of the City of Winston-Salem, that said agreements for the above-described developments are hereby approved, and the Utilities Director and the City Clerk are hereby authorized and directed to execute same for and on behalf of the City of Winston-Salem.
<table>
<thead>
<tr>
<th><strong>QUANTITIES:</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WATER MAIN</strong></td>
<td><strong>SEWER MAIN</strong></td>
</tr>
<tr>
<td>0 LF 8&quot; DI</td>
<td>468 LF 8&quot; VC</td>
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<tr>
<td>0 LF 6&quot; DI</td>
<td>862 LF 8&quot; DI</td>
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<tr>
<td>0 TOTAL</td>
<td>1470 LF 12&quot; VC</td>
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<td></td>
<td>385 LF 12&quot; DI</td>
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<td>3185 TOTAL</td>
</tr>
<tr>
<td><strong>NO. HYDRANTS</strong></td>
<td>0</td>
</tr>
<tr>
<td><strong>NO. VALVES</strong></td>
<td>0</td>
</tr>
<tr>
<td><strong>NO. LOTS</strong></td>
<td>0</td>
</tr>
<tr>
<td><strong>CONNECTIONS BY</strong></td>
<td><strong>DEVELOPER</strong></td>
</tr>
</tbody>
</table>

**TRANSMITTAL ADDRESS:**
Curtis L. Swisher  
Town of Kernersville  
134 East Mountain Street  
Kernersville, NC 27284
Project Number - 12376
Brookford Road Sanitary Sewer Extension
<table>
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<tr>
<th>Description</th>
<th>Water Cost</th>
<th>Sewer Cost</th>
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<tbody>
<tr>
<td>Estimated Cost of Project</td>
<td>$4,500.00</td>
<td>$21,410.00</td>
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<tr>
<td>Estimated Developer Cost</td>
<td>$4,500.00</td>
<td>$21,410.00</td>
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<tr>
<td>Estimated City Investment in Oversize Main</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Estimated Possible Refunds for Intervening Main</td>
<td>$0.00</td>
<td>$0.00</td>
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</table>

**Quantities:**

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<tr>
<th>Description</th>
<th>Water Main</th>
<th>Sewer Main</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER MAIN</td>
<td>LF 8&quot; DI</td>
<td>101 LF 8&quot; VC</td>
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<td></td>
<td>15 LF 6&quot; DI</td>
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<td>15 TOTAL</td>
<td>101 TOTAL</td>
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<tr>
<td>NO. HYDRANTS</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>NO. VALVES</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>NO. LOTS</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Connections By</td>
<td>Developer</td>
<td></td>
</tr>
</tbody>
</table>

**Transmittal Address:**
Shane Wagoner  
Hubbard Realty of Winston-Salem, Inc.  
1598 Westbrook Plaza Dr., Suite 200  
Winston-Salem, NC 27103
Project Number - 12491
Lewisville Place Section V

1 in = 200 feet

Property of Interest

Water Mains
Sewer Manholes
Sewer Mains
Streams

1 inch = 200 feet
<table>
<thead>
<tr>
<th>Description</th>
<th>Water</th>
<th>Sewer</th>
</tr>
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<tbody>
<tr>
<td>Estimated Cost of Project</td>
<td>$378,600.00</td>
<td>$655,080.00</td>
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<td>Estimated Possible Refunds for Intervening Main</td>
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<td>$0.00</td>
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Quantities:

<table>
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<tr>
<th>Water Main</th>
<th>2720 LF 8&quot; DI</th>
<th>792 LF 6&quot; DI</th>
<th>3512 Total</th>
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<tbody>
<tr>
<td>Sewer Main</td>
<td>309 LF 8&quot; VC</td>
<td>2781 LF 9&quot; DI</td>
<td>3090 Total</td>
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| NO. Hydrants        | 8             | NO. Manholes | 26        |
| NO. Valves          | 12            |              |           |
| NO. Lots            | 40            |              |           |

Transmittal Address:
Ronnell S Parker
RS Parker Homes, LLC
502 Hickory Ridge Dr
Greensboro, NC 27409
PROJECT NUMBER 12599 DEVELOPER Town of Walkertown

SUB-DIVISION Sullivantown Rd SS Improvements

ENGINEER Mark D. Reich

ESTIMATED COST OF PROJECT
WATER $0.00
SEWER $45,370.00

ESTIMATED DEVELOPER COST
WATER $0.00
SEWER $45,370.00

ESTIMATED CITY INVESTMENT IN OVERSIZE MAIN
WATER $0.00
SEWER $0.00

ESTIMATED POSSIBLE REFUNDS FOR INTERVENING MAIN
WATER $0.00
SEWER $0.00

QUANTITIES:

WATER MAIN
0 LF 8" DI
0 LF 6" DI
0 TOTAL

SEWER MAIN
214 LF 8" VC
0 LF 8" DI
0 TOTAL

NO. HYDRANTS 0
NO. MANHOLES 2
NO. VALVES 0

NO. LOTS 1
CONNECTIONS BY DEVELOPER

TRANSMITTAL ADDRESS:
Scott Snow
Town of Walkertown
5177 Main St
Walkertown, NC 27051
Project Number - 12599
Sullivantown Road Sewer Improvements
PROJECT NUMBER: 12621  
DEVELOPER: Clayton Properties Group Inc

SUB-DIVISION: Clouds Harbor Phase 2

ENGINEER: Jeremy L. McCall

ESTIMATED COST OF PROJECT:

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<tr>
<th></th>
<th>WATER</th>
<th>SEWER</th>
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<tbody>
<tr>
<td></td>
<td>$135,400.00</td>
<td>$297,990.00</td>
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ESTIMATED DEVELOPER COST:

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<th>SEWER</th>
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<tbody>
<tr>
<td></td>
<td>$135,400.00</td>
<td>$297,990.00</td>
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ESTIMATED CITY INVESTMENT IN OVERSIZE MAIN:

<table>
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<tr>
<th></th>
<th>WATER</th>
<th>SEWER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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ESTIMATED POSSIBLE REFUNDS FOR INTERVENING MAIN:

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<th>WATER</th>
<th>SEWER</th>
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QUANTITIES:

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<td>1217 LF 8&quot; DI</td>
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<td>1217 TOTAL</td>
<td>1419 TOTAL</td>
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<table>
<thead>
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<th></th>
<th>NO. HYDRANTS</th>
<th>NO. MANHOLES</th>
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<td></td>
<td>4</td>
<td>8</td>
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<table>
<thead>
<tr>
<th></th>
<th>NO. VALVES</th>
<th>NO. LOTS</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>6</td>
<td>37</td>
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CONNECTIONS BY DEVELOPER

TRANSMITTAL ADDRESS:
Chris R. Inabinet
Clayton Properties Group, Inc
221 Jonestown Rd
Winston Salem, NC 27104
PROJECT NUMBER 12640 DEVELOPER Village of Clemmons

SUB-DIVISION Village of Clemmons
Public Works Water Line

ENGINEER Nickie D Mills

ESTIMATED COST OF PROJECT
WATER $86,350.00
SEWER $0.00

ESTIMATED DEVELOPER COST
WATER $86,350.00
SEWER $0.00

ESTIMATED CITY INVESTMENT IN
OVERSIZE MAIN
WATER $0.00
SEWER $0.00

ESTIMATED POSSIBLE REFUNDS
FOR INTERVENING MAIN
WATER $0.00
SEWER $0.00

QUANTITIES:

WATER MAIN
0 LF 8" DI
795 LF 6" DI
795 TOTAL

SEWER MAIN
0 LF 8" VC
0 LF 8" DI
0 TOTAL

NO. HYDRANTS 2
NO. MANHOLES 0
NO. VALVES 3
NO. LOTS 1

CONNECTIONS BY DEVELOPER

TRANSMITTAL ADDRESS:
Mike Gunnell
Village of Clemmons
3715 Clemmons Road
Clemmons, NC 27012
PROJECT NUMBER       12644       DEVELOPER  Piedmont Land Conservancy
SUB-DIVISION     Crossnore Trailhead
ENGINEER       Elam Summey

ESTIMATED COST OF PROJECT
WATER       $4,500.00
SEWER       $0.00

ESTIMATED DEVELOPER COST
WATER       $4,500.00
SEWER       $0.00

ESTIMATED CITY INVESTMENT IN
OVERSIZE MAIN
WATER       $0.00
SEWER       $0.00

ESTIMATED POSSIBLE REFUNDS
FOR INTERVENING MAIN
WATER       $0.00
SEWER       $0.00

QUANTITIES:
WATER MAIN
0 LF 8" DI
15 LF 6" DI
15 TOTAL
SEWER MAIN
0 LF 8" VC
0 LF 8" DI
0 TOTAL

NO. HYDRANTS 1
NO. MANHOLES 0
NO. VALVES 1
NO. LOTS 1
CONNECTIONS BY DEVELOPER

TRANSMITTAL ADDRESS:
Kevin Redding
Piedmont Land Conservancy
1515 W. Cornwallis Dr Ste 205
Greensboro, NC 27408
## Project Details:

**PROJECT NUMBER**: 12646  
**DEVELOPER**: The Lake at Belmont, LLC

**ENGINEER**: Tim Shaw

### Estimated Costs:

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<td>ESTIMATED DEVELOPER COST</td>
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<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>ESTIMATED POSSIBLE REFUNDS FOR INTERVENING MAIN</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

### Quantities:

<table>
<thead>
<tr>
<th>Component</th>
<th>Water Main</th>
<th>Sewer Main</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER MAIN</td>
<td>0 FT 8&quot; DI</td>
<td>90 FT 6&quot; DI</td>
</tr>
<tr>
<td></td>
<td>0 FT 6&quot; DI</td>
<td>178 FT 8&quot; DI</td>
</tr>
<tr>
<td></td>
<td>0 TOTAL</td>
<td>268 TOTAL</td>
</tr>
</tbody>
</table>

| Component                  |  |
|----------------------------|  |
| NO. HYDRANTS                | 0 |
| NO. VALVES                  | 0 |
| NO. LOTS                    | 360 Units |
| CONNECTIONS BY              | DEVELOPER |

### Transmittal Address:

Chris Parr  
The Lake at Belmont, LLC  
P.O. Box 10888  
Greensboro, NC 27404
Project Number - 12646
The Lake at Belmont
<table>
<thead>
<tr>
<th>Description</th>
<th>Water</th>
<th>Sewer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated cost of project</td>
<td>$61,400.00</td>
<td>$80,770.00</td>
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<tr>
<td>Estimated developer cost</td>
<td>$61,400.00</td>
<td>$80,770.00</td>
</tr>
<tr>
<td>Estimated city investment in water</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Estimated possible refunds for intervening main</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

**Quantities:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Water Main</th>
<th>Sewer Main</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Main</td>
<td></td>
<td></td>
</tr>
<tr>
<td>578 LF 8&quot; DI</td>
<td></td>
<td>381 LF 8&quot; VC</td>
</tr>
<tr>
<td>6 LF 6&quot; DI</td>
<td></td>
<td>0 LF 8&quot; DI</td>
</tr>
<tr>
<td>584 TOTAL</td>
<td></td>
<td>381 TOTAL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Developer</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Hydrants</td>
<td>1</td>
</tr>
<tr>
<td>No. Valves</td>
<td>1</td>
</tr>
<tr>
<td>No. Lots</td>
<td>20</td>
</tr>
</tbody>
</table>

**Transmittal Address:**

Gregory B Garrett  
Braxton Real Estate and Development Company, LLC  
6420 Hampton Knoll Rd  
Clemmons, NC 27012
PROJECT NUMBER
12654

DEVELOPER
Glenwood Homes LLC

SUB-DIVISION
Cider Hill Subdivision

ENGINEER
Andrew Christ

ESTIMATED COST OF PROJECT
WATER $103,150.00
SEWER $188,260.00

ESTIMATED DEVELOPER COST
WATER $103,150.00
SEWER $188,260.00

ESTIMATED CITY INVESTMENT IN OUTFLOW MAIN
WATER $0.00
SEWER $0.00

ESTIMATED POSSIBLE REFUNDS FOR INTERVENING MAIN
WATER $0.00
SEWER $0.00

QUANTITIES:

WATER MAIN

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 LF 8&quot; DI</td>
<td>916 LF 6&quot; DI</td>
</tr>
<tr>
<td>916 TOTAL</td>
<td>76 LF 8&quot; DI</td>
</tr>
</tbody>
</table>

SEWER MAIN

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>812 LF 8&quot; VC</td>
<td>888 TOTAL</td>
</tr>
</tbody>
</table>

NO. HYDRANTS | 3
NO. VALVES | 6
NO. LOTS | 36

CONNECTIONS BY
DEVELOPER

TRANSMITTAL ADDRESS:
Mitchell T Murphy
Glenwood Homes LLC
PO Box 90427
Raleigh, NC 27675
<table>
<thead>
<tr>
<th>Category</th>
<th>WATER MAIN</th>
<th>SEWER MAIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Main</td>
<td>0 LF 8&quot; DI</td>
<td>440 LF 8&quot; VC</td>
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<tr>
<td></td>
<td>0 LF 6&quot; DI</td>
<td>0 LF 8&quot; DI</td>
</tr>
<tr>
<td></td>
<td>0 TOTAL</td>
<td>440 TOTAL</td>
</tr>
<tr>
<td>No. Hydrants</td>
<td>0</td>
<td>No. Manholes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>No. Valves</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>No. Lots</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

Connections by developer

Transmittal Address:
Mitchell Murphy
Slippery Elm Properties LLC
PO Box 90427
Raleigh, NC 27675
Project Number - 12655
Jonestown Road Subdivision Sanitary Sewer

1 in = 300 feet

Water Mains
Sewer Manholes
Sewer Mains
Streams

Property of Interest
PROJECT NUMBER 12656 DEVELOPER Davidson Land Development, LLC

SUB-DIVISION Sagebush Trail Subdivision

ENGINEER H. Mack Summey, Jr.

ESTIMATED COST OF PROJECT
WATER $318,900.00
SEWER $747,300.00

ESTIMATED DEVELOPER COST
WATER $318,900.00
SEWER $747,300.00

ESTIMATED CITY INVESTMENT IN
OVERSIZE MAIN
WATER $0.00
SEWER $0.00

ESTIMATED POSSIBLE REFUNDS
FOR INTERVENING MAIN
WATER $0.00
SEWER $0.00

QUANTITIES:

WATER MAIN

<table>
<thead>
<tr>
<th>Description</th>
<th>LF 8&quot; DI</th>
<th>LF 6&quot; DI</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 LF 8&quot; DI</td>
<td>2992</td>
<td></td>
<td>2992</td>
</tr>
<tr>
<td>0 LF 6&quot; DI</td>
<td></td>
<td>3525</td>
<td>3525</td>
</tr>
<tr>
<td>0 LF 8&quot; VC</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SEWER MAIN

<table>
<thead>
<tr>
<th>Description</th>
<th>LF 8&quot; VC</th>
<th>LF 8&quot; DI</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 LF 8&quot; VC</td>
<td></td>
<td>3525</td>
<td>3525</td>
</tr>
<tr>
<td>0 LF 8&quot; DI</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0 LF 8&quot; VC</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NO. HYDRANTS 6
NO. VALVES 8
NO. LOTS 67 Units

CONNECTIONS BY DEVELOPER

TRANSMITTAL ADDRESS:
Chris Reid
Davidson Land Development, LLC
PO Box 1706
Lexington, NC 27293
Project Number - 12656
Sagebrush Trail Subdivision

Property of Interest

Water Mains
Sewer Mains
Streams

1 in = 500 feet
<table>
<thead>
<tr>
<th>Project Number</th>
<th>Developer</th>
<th>Sub-Division</th>
<th>Engineer</th>
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</thead>
<tbody>
<tr>
<td>12657</td>
<td>Braxton Real Estate and Development Co., LLC</td>
<td>Salem Brooke Subdivision</td>
<td>James L. Walters</td>
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</table>

<table>
<thead>
<tr>
<th>Estimated Cost of Project</th>
<th>Water</th>
<th>$148,100.00</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Sewer</td>
<td>$304,220.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Estimated Developer Cost</th>
<th>Water</th>
<th>$148,100.00</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sewer</td>
<td>$304,220.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Estimated City Investment in Oversize Main</th>
<th>Water</th>
<th>$0.00</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sewer</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Estimated Possible Refunds for Intervening Main</th>
<th>Water</th>
<th>$0.00</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sewer</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Quantities:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Main</td>
</tr>
<tr>
<td>LF 8&quot; DI</td>
</tr>
<tr>
<td>LF 6&quot; DI</td>
</tr>
<tr>
<td>TOTAL</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>1323</td>
</tr>
<tr>
<td>1435</td>
</tr>
<tr>
<td>No. Hydrants</td>
</tr>
<tr>
<td>No. Valves</td>
</tr>
<tr>
<td>No. Lots</td>
</tr>
</tbody>
</table>

| Sewer Main |
| 1435 LF 8" VC |
| 0 LF 8" DI   |
| 1435 TOTAL   |

| Connections by |
| Developer |

<table>
<thead>
<tr>
<th>Transmittal Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gregory B Garrett</td>
</tr>
<tr>
<td>Braxton Real Estate &amp; Development Co., LLC</td>
</tr>
<tr>
<td>6420 Hampton Knoll Rd</td>
</tr>
<tr>
<td>Clemmons, NC 27012</td>
</tr>
</tbody>
</table>
PROJECT NUMBER 12663
DEVELOPER Yearns Properties, Inc.

SUB-DIVISION Glen Abbey Subdivision
ENGINEER Charles P. Truby, Jr.

ESTIMATED COST OF PROJECT
WATER $580,550.00
SEWER $1,122,960.00

ESTIMATED DEVELOPER COST
WATER $580,550.00
SEWER $1,122,960.00

ESTIMATED CITY INVESTMENT IN
OVERSIZE MAIN
WATER $0.00
SEWER $0.00

ESTIMATED POSSIBLE REFUNDS
FOR INTERVENING MAIN
WATER $0.00
SEWER $0.00

QUANTITIES:

WATER MAIN
4961 LF 8" DI
383 LF 6" DI
5344 TOTAL

SEWER MAIN
4800 LF 8" VC
497 LF 8" DI
5297 TOTAL

NO. HYDRANTS 10
NO. VALVES 29
NO. LOTS 108
CONNECTIONS BY DEVELOPER

TRANSMITTAL ADDRESS:
Wilfred B Yearns, III
Yearns Properties, Inc.
P.O. Box 29341
Greensboro, NC 27429
Project Number - 12663
Glen Abbey Subdivision

Water Mains
Sewer Mains
Streams

Property of Interest

Agenda | Appendix
Winston-Salem/Forsyth County Utility Commission  
Action Request Form  

Date: June 12, 2023  
To: Chair and Members of the Utility Commission  
From: Courtney Driver, Utilities Director  

Commission Action Requested:
Consideration of Resolution Awarding a Contract for Brass Fittings.

Strategic Plan Goal Area: Infrastructure  
Strategy: Proactively Maintain Infrastructure  
Key Work Item: No

Summary of Information:  
Bids were received for a contract to purchase estimated quantities of brass fittings as needed from June 2023 through May 31, 2024. Below is a summary of the bids received:

<table>
<thead>
<tr>
<th>SECTION I – ITEMS 1-36</th>
<th>TOTAL COST</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core &amp; Main, LP</td>
<td>$110,605.91</td>
<td>+12%</td>
</tr>
<tr>
<td>Ferguson Enterprises, Inc. dba Ferguson Waterworks</td>
<td>$114,134.97</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SECTION II - ITEMS 37-73</th>
<th>TOTAL COST</th>
<th>CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core &amp; Main LP</td>
<td>$788,739.69</td>
<td>+9%</td>
</tr>
<tr>
<td>Ferguson Enterprises, Inc. dba Ferguson Waterworks</td>
<td>$828,406.88</td>
<td></td>
</tr>
</tbody>
</table>

It is recommended that a contract to purchase estimated quantities of brass fittings as needed for the period June 2023 through May 31, 2024, be awarded to Core & Main, LP, the low bidder meeting specifications, for Section I in the estimated amount of $110,605.91, and Section II in the estimated amount of $788,739.69, for the grand total award in the estimated amount of $899,345.60.

M/WBE comment: This project was advertised on the City’s website. There are no local M/WBE and regional HUB and DBE businesses that supply brass fittings.

Submitted By: TaWanna Gates
Name
Purchasing
Department/Division
RESOLUTION AWARDING A CONTRACT FOR BRASS FITTINGS

WHEREAS, after due advertisement, bids were received and publicly opened by the City/County Purchasing Department at 10:00 a.m., May 17, 2023, for a contract to purchase estimated quantities of brass fittings as needed for the period June 2023 through May 31, 2024, and the following bids were received:

SECTION I – ITEMS 1-36  TOTAL COST
Core & Main, LP $110,605.91
Ferguson Enterprises, Inc. dba Ferguson Waterworks $114,134.97

SECTION II - ITEMS 37-73  TOTAL COST
Core & Main LP $788,739.69
Ferguson Enterprises, Inc. dba Ferguson Waterworks $828,406.88

WHEREAS, it is the recommendation of the Finance Committee that a contract to purchase brass fittings as needed for the period June 2023 through May 31, 2024, be awarded to Core & Main, LP, the low bidder meeting specifications, for Section I in the estimated amount of $110,605.91, and for Section II in the estimated amount of $788,739.69, for the grand total award in the estimated amount of $899,345.60.

NOW, THEREFORE, BE IT RESOLVED, by the Winston-Salem/Forsyth County Utility Commission (Commission), an agency of the City of Winston-Salem, that a contract to purchase brass fittings as needed for the period, June 2023 through May 31, 2023, is hereby awarded to Core & Main, LP for Section I in the estimated amount of $110,605.91, and Section II in the estimated amount of $788,739.69, for the grand total award in the estimated amount of $899,345.60, and that the City Manager and City Clerk are hereby authorized to execute the contract on behalf of the Commission, contract forms to be approved by the City Attorney.

BE IT FURTHER RESOLVED, that award of this contract constitutes a preliminary determination as to the qualifications of the bidder. The Commission is not legally bound to perform the contract until the contract is duly executed by the appropriate City staff.
BE IT FURTHER RESOLVED, those funds have been previously appropriated in the approved FY 2022-23 budget to cover the cost of this contract through June 30, 2023, and purchases from July 1, 2023 through May 31, 2024, will be subject to City Council FY 2023-24 budget appropriations.
Winston-Salem/Forsyth County Utility Commission
Action Request Form

Date: June 12, 2023
To: Chair and Members of the Utility Commission
From: Courtney Driver, Utilities Director

Commission Action Requested:

Consideration of a Resolution Authorizing the Execution of a Utility Agreement with the North Carolina Department of Transportation for Utility Work Related to Roadway Widening on SR 1672 (Hanes Mill Road) from Museum Drive to NC 66 (University Parkway).

Strategic Plan Goal Area: Infrastructure
Strategy: NA
Key Work Item: No

Summary of Information:

The North Carolina Department of Transportation (NCDOT) has prepared and adopted plans to widen SR 1672 (Hanes Mill Road) from Museum Drive to NC 66 (University Parkway). As a result of this project, relocation of water and sewer lines is necessary. Winston-Salem/Forsyth County Utilities (WSFC Utilities) is responsible for a portion of costs related to relocating water and sewer infrastructure within the NCDOT right-of-way.

The construction work includes relocation of 184 linear feet (LF) of 6” water line, 270 LF of 12” water line, 353 LF of 16” water line, 195 LF of 8” sewer line, and three (3) sewer manholes.

The attached resolution authorizes the execution of a utility agreement with NCDOT whereby NCDOT will include provisions for the engineering design and utility work in its contract. The estimated cost for this work is $703,185, and WSFC Utilities will be responsible for $520,192 of this total. Upon completion of the NCDOT construction project, WSFC Utilities will reimburse NCDOT the actual construction costs incurred for the project.

Submitted By: Todd Lewis, P.E.
Name
Utilities Administration
Department/Division
RESOLUTION AUTHORIZING THE EXECUTION OF A UTILITY AGREEMENT WITH THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION FOR UTILITY WORK RELATED TO ROADWAY WIDENING ON SR 1672 (HANES MILL ROAD) FROM MUSEUM DRIVE TO NC 66 (UNIVERSITY PARKWAY)

WHEREAS, the North Carolina Department of Transportation (NCDOT) has awarded a contract for roadway widening on SR 1672 (Hanes Mill Road) from Museum Drive to NC 66 (University Parkway); and

WHEREAS, Winston-Salem/Forsyth County Utilities (WSFC Utilities) is responsible for a portion of utility relocation work related to this project; and

WHEREAS, NCDOT has proposed entering into a utility agreement with WSFC Utilities whereby NCDOT will include provisions in its contract to include engineering design and relocation of water and sewer lines; and

WHEREAS, under terms of the agreement, WSFC Utilities will reimburse NCDOT the actual construction costs, estimated to be $520,192.

NOW, THEREFORE, BE IT RESOLVED, by the Winston-Salem/Forsyth County Utility Commission (Commission), an agency of the City of Winston-Salem, that execution of a North Carolina Department of Transportation Utility Agreement for certain utility work related to roadway widening on SR 1672 (Hanes Mill Road) from Museum Drive to NC 66 (University Parkway) is hereby approved, and the City Manager and City Clerk are hereby authorized to sign and execute the agreement for and on behalf of the Commission.

BE IT FURTHER RESOLVED, that funds are available in account 811201-533102-706459 to cover the proposed construction costs.
NCDOT U-2729 Hanes Mill Road
From Museum Drive to University Parkway

1 inch = 500 feet

Utilities
Winston-Salem / Forsyth County
Water • Wastewater • Solid Waste
Winston-Salem/Forsyth County Utility Commission
Action Request Form

Date:       June 12, 2023
To:         Chair and Members of the Utility Commission
From:       Courtney Driver, Utilities Director

Commission Action Requested:
Consideration of a Resolution Awarding a Construction Contract for the Old Salisbury Road Water Main Relocation Project.

Strategic Plan Goal Area: Infrastructure
Strategy: NA
Key Work Item: No

Summary of Information:
The North Carolina Department of Transportation (NCDOT) has prepared and adopted plans to replace the bridge over South Fork Muddy Creek on Old Salisbury Road (SR 3011). As a result of this project, relocation of water lines is necessary. Winston-Salem/Forsyth County Utilities (WSFC Utilities) is responsible for relocation of water lines located within NCDOT’s right-of-way and this work will need to be completed before replacement of the bridge.

The City/County Purchasing Department advertised bids for relocation of water lines on Old Salisbury Road. The project scope is to remove an existing water line and install a new water line away from the new bridge. The work includes a stream diversion, pipe installation, utility connections, bedding materials, erosion control measures, a small quantity of asphalt paving, and one hydrant. The bid price does not include the pipe, hydrant and fittings, which WSFC Utilities pre-purchased so the project would not be delayed once awarded.

Bids were received May 16, 2023, with the summary of bids as follows:

<table>
<thead>
<tr>
<th>Vendor</th>
<th>City/State</th>
<th>Total Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW Infrastructure, LLC</td>
<td>Rocky Mount, VA</td>
<td>$246,000</td>
</tr>
<tr>
<td>Baker Underground, Inc.</td>
<td>Kernersville, NC</td>
<td>$292,850</td>
</tr>
</tbody>
</table>

According to the North Carolina General Contractor Licensing Board, the low bidder, BW Infrastructure, LLC does not have the proper license to be awarded this project, therefore, the bid submitted by BW Infrastructure, LLC was deemed to be a non-responsible bid and could not be considered.

Baker Underground, Inc., the next lowest responsible bidder, submitted M/WBE subcontract goals that exceeded the established goals for this project of 5% minority and 5% woman-owned business enterprises.

~continued~

Submitted By: TaWanna Gates
              Purchasing
              Name
              Department/Division
It is recommended that a contract for the Old Salisbury Road Water Line Relocation Project be awarded to Baker Underground, Inc., the lowest responsive, responsible bidder meeting specifications, in the total bid amount of $292,850.

M/WBE comment: This project was advertised on the City’s website and 64 utility contractors and suppliers were notified directly of this opportunity. No minority or woman-owned businesses submitted a bid.
RESOLUTION AWARDING A CONSTRUCTION CONTRACT FOR THE OLD SALISBURY ROAD WATER MAIN RELOCATION PROJECT

WHEREAS, the North Carolina Department of Transportation (NCDOT) has prepared and adopted plans to replace the bridge over South Fork Muddy Creek on Old Salisbury Road (SR 3011); and

WHEREAS, Winston-Salem/Forsyth County Utilities (WSFC Utilities) is responsible for relocation of water lines located within NCDOT’s right-of-way and this work will need to be completed before replacement of the bridge; and

WHEREAS, after proper advertisement, bids for the Old Salisbury Road Water Main Replacement Project were received and publicly opened by the City/County Purchasing Division at 2:00 p.m. on Tuesday, May 16, 2023, and the following bids were received:

<table>
<thead>
<tr>
<th>Vendor</th>
<th>City/State</th>
<th>Total Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW Infrastructure, LLC</td>
<td>Rocky Mount, VA</td>
<td>$246,000</td>
</tr>
<tr>
<td>Baker Underground, Inc.</td>
<td>Kernersville, NC</td>
<td>$292,850</td>
</tr>
</tbody>
</table>

WHEREAS, the low bidder, BW Infrastructure, LLC, does not have the proper license to be awarded this project; and

WHEREAS, the next lowest bidder, Baker Underground, Inc., exceeded the M/WBE subcontracting goals established for this project; and

WHEREAS, it is recommended that a contract for the Old Salisbury Road Water Main Relocation Project be awarded to Baker Underground, Inc., the lowest responsive, responsible bidder meeting specifications, in the estimated bid amount of $292,850.

NOW, THEREFORE, BE IT RESOLVED, by the Winston-Salem/Forsyth County Utility Commission (Commission), an agency of the City of Winston-Salem, that a contract for the Old Salisbury Road Water Main Relocation Project is hereby awarded to Baker Underground, Inc., the lowest responsive, responsible bidder meeting specifications, in the estimated bid amount of $292,850, and that the City Manager and City Clerk are hereby authorized to execute contract
documents on behalf of the Commission with contract and bonds to be approved by the City Attorney.

**BE IT FURTHER RESOLVED**, that the award of this contract constitutes a preliminary determination as to the bidder’s qualifications. The Commission is not legally bound to perform the contract until the contract is duly executed by the appropriate City staff.

**BE IT FURTHER RESOLVED**, that Baker Underground, Inc. will be required to subcontract, at a minimum, 5.12% with certified minority-owned businesses, and 5.46% with certified woman-owned businesses, as indicated on the Affidavit “C” submitted by the company.

**BE IT FURTHER RESOLVED**, that funds have been appropriated in the FY2023-24 budget to cover the cost of this contract.
NCDOT Replacement of Bridge on Old Salisbury Road over South Fork Muddy Creek
Winston-Salem/Forsyth County Utility Commission
Action Request Form

Date:       June 12, 2023
To:         Chair and Members of the Utility Commission
From:       Courtney Driver, Utilities Director

Commission Action Requested:

Consideration of a Resolution Authorizing the Execution of an Engineering Agreement with Davis, Martin, Powell and Associates, Inc. to Provide Construction Administration Services for a North Carolina Department of Transportation Northern Beltway Construction Project.

Strategic Plan Goal Area: Infrastructure
Strategy: NA
Key Work Item: No

Summary of Information:

The North Carolina Department of Transportation has awarded a contract to construct a portion of the Winston-Salem Northern Beltway from I-40 to US 311. There are several thousand feet of water and sewer lines that will have to be relocated as part of this project.

Staff requested Letters of Interest-Statements of Qualifications for construction administration services related to this project through the City/County Purchasing Department’s website. After reviewing the submittals from six engineering firms, Davis, Martin, Powell and Associates, Inc. was selected.

Staff requested a scope and fee from Davis, Martin, Powell and Associates, Inc. for an engineering agreement to provide construction administration and observation services for the construction of water and sewer lines included in this project. Staff negotiated with Davis, Martin, Powell and Associates, Inc. a fee of $275,060 for these services. Staff finds this fee reasonable when compared to other projects with similar scope and services.

Staff recommends approval of an engineering agreement with Davis, Martin, Powell and Associates, Inc. in the amount of $275,060.

Submitted By:  Todd Lewis, P.E.          Utilities Administration
              Name                  Department/Division
RESOLUTION AUTHORIZING THE EXECUTION OF AN ENGINEERING AGREEMENT WITH DAVIS, MARTIN, POWELL AND ASSOCIATES, INC. TO PROVIDE CONSTRUCTION ADMINISTRATION SERVICES FOR A NORTH CAROLINA DEPARTMENT OF TRANSPORTATION NORTHERN BELTWAY CONSTRUCTION PROJECT

WHEREAS, the North Carolina Department of Transportation has awarded a contract to construct a portion of the Winston-Salem Northern Beltway from I-40 to US 311; and

WHEREAS, staff requested Letters of Interest-Statements of Interest for construction administration services related to this project through the City/County Purchasing Department’s website; and

WHEREAS, after reviewing submittals from six firms, Davis, Martin, Powell and Associates, Inc. was selected; and

WHEREAS, staff requested a scope and fee from Davis, Martin, Powell and Associates, Inc. to provide construction administration and observation services for the construction of water and sewer lines included in this project; and

WHEREAS, staff negotiated a fee of $275,060 for these services, which staff believes to be reasonable when compared to projects of similar scope.

NOW, THEREFORE, BE IT RESOLVED, by the Winston-Salem/Forsyth County Utility Commission (Commission), an agency of the City of Winston-Salem, that the resolution authorizing the execution of an engineering agreement with Davis, Martin, Powell and Associates, Inc. to provide construction administration and observation services on a North Carolina Department of Transportation Northern Beltway project is hereby approved, and the City Manager and City Clerk are hereby authorized to sign and execute the agreement for and on behalf of the Commission.

BE IT FURTHER RESOLVED, that funds are available in account 811201-533006-706455 to cover the cost of this project.
NCDOT PROJECT U-2579AA IN WINSTON SALEM/ CA SERVICES

<table>
<thead>
<tr>
<th>Location of Business</th>
<th>Location</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Within Forsyth County</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Within North Carolina</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Outside of North Carolina</td>
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<table>
<thead>
<tr>
<th>Work Experience</th>
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<th>Points</th>
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<td></td>
<td>5+ Relevant Projects</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>4-5 Relevant Projects</td>
<td>4</td>
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<tr>
<td></td>
<td>1-2 Relevant Projects</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>0 Relevant Projects</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Understanding of Project</th>
<th>Level</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Superiors: Proposer fully addresses all aspects of the criterion, convincingly demonstrates that it will meet the project's performance requirements, and demonstrates no weaknesses.</td>
<td>5+</td>
<td>5</td>
</tr>
<tr>
<td>Above Average: Proposer fully addresses all aspects of the criterion, convincingly demonstrates a likelihood of meeting the project's performance requirements, and demonstrates only a few minor weaknesses.</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Average: Proposer addresses all aspects of the criterion and demonstrates the ability to meet the project's performance requirements, May contain significant weaknesses and/or a number of minor weaknesses.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Below Average: Proposer does not address all aspects of the criterion nor is evidence presented indicating the likelihood of successfully meeting the project's requirements. Significant weaknesses are demonstrated and clearly outweigh any strengths presented.</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Poor: Proposer does not address all aspects of the criterion and the information presented indicates a strong likelihood of failure to meet the project’s requirements</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Past Performance</th>
<th>Level</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Superior: proposer maintained an exceptional working relationship with the City's project managers and/or private entities project managers. They communicated issues well in advance with all parties efficiently, got project completed on ahead of schedule, within budget, and how they said it look/turnaround in the proposal.</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Superior: proposer maintained an exceptional working relationship with the City's project managers and/or private entities project managers. They communicated issues well in advance with all parties efficiently, got project completed on ahead of schedule, within budget, and how they said it look/turnaround in the proposal.</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Superior: proposer maintained an exceptional working relationship with the City's project managers and/or private entities project managers. They communicated issues well in advance with all parties efficiently, got project completed on ahead of schedule, within budget, and how they said it look/turnaround in the proposal.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Superior: proposer maintained an exceptional working relationship with the City's project managers and/or private entities project managers. They communicated issues well in advance with all parties efficiently, got project completed on ahead of schedule, within budget, and how they said it look/turnaround in the proposal.</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Superior: proposer maintained an exceptional working relationship with the City's project managers and/or private entities project managers. They communicated issues well in advance with all parties efficiently, got project completed on ahead of schedule, within budget, and how they said it look/turnaround in the proposal.</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>
Winston-Salem/Forsyth County Utility Commission
Action Request Form

Date: June 12, 2023

To: Chair and Members of the Utility Commission

From: Courtney Driver, Utilities Director

Commission Action Requested:

Consideration of a Resolution Authorizing a Purchase Order for Two Half-Ton 4WD Pickups with Bed Cover.

Strategic Plan Goal Area: Product Quality
Strategy: Focus on Quality Assurance
Key Work Item: No

Summary of Information:

The Utilities Field Operations Division has a need to replace a 2021 Chevrolet 1500 pickup with 26,680 miles at an acquired cost of $32,083. In February 2023, this vehicle was involved in an accident that resulted in the vehicle being declared a total loss and the department needs a replacement vehicle for use by the Cross-Connection Control staff. An additional vehicle is also needed as a new addition to the fleet for use by the Cross-Connection Control Supervisor/ORC.

After due advertisement, one bid for two (2) half-ton 4WD pickups with bed cover was received on May 5, 2023, as follows:

<table>
<thead>
<tr>
<th>Vendor</th>
<th>City/State</th>
<th>Price (Each)</th>
<th>Price for Two</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modern Chevrolet, Inc.</td>
<td>Winston-Salem, NC</td>
<td>$55,333</td>
<td>$110,666</td>
</tr>
</tbody>
</table>

It is recommended that a purchase order be awarded to Modern Chevrolet, Inc., low bidder meeting the specifications, for the purchase of two (2) 2024 Chevrolet 1500 4WD pickups with bed cover in the amount of $110,666.

This purchase will be financed through the City’s internal leasing program, and funding for the lease payments is available in the FY 2022-23 budget.

M/WBE comment: This bid opportunity was sent directly to 19 dealers, including five local dealers. There are no known area minority or woman-owned companies that sell this equipment.

Submitted By: TaWanna Gates
Name: Purchasing
Department/Division:

Agenda | Appendix
RESOLUTION AUTHORIZING A PURCHASE ORDER FOR
TWO HALF-TON 4WD PICKUPS WITH BED COVER

WHEREAS, after due advertisement, bids were received and publicly opened by the City/County Purchasing Department at 12:00 Noon, May 5, 2023, for the purchase of two (2) half-ton 4WD pickups with bed cover, per bid specifications, for the Utilities Field Operations Division, and the following bid was offered:

<table>
<thead>
<tr>
<th>Vendor</th>
<th>City/State</th>
<th>Price (Each)</th>
<th>Price for Two</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modern Chevrolet, Inc.</td>
<td>Winston-Salem, NC</td>
<td>$55,333</td>
<td>$110,666</td>
</tr>
</tbody>
</table>

WHEREAS, one truck was involved in an accident that resulted in the vehicle being declared a total loss and is critical to the daily operations of the Utilities Field Operations Division; and

WHEREAS, the second truck is intended as an addition to the fleet for use by the Cross-Connection Control Supervisor/ORC; and

WHEREAS, it is recommended that a purchase order for two (2) half-ton 4WD pickups with bed covers be awarded to Modern Chevrolet, Inc., the low bidder meeting specifications, for $55,333 each, for a total cost of $110,666.

NOW, THEREFORE, BE IT RESOLVED, by the Winston-Salem/Forsyth County Utility Commission (Commission), an agency of the City of Winston-Salem, that the purchase order for two (2) half-ton 4WD pickups with bed covers be awarded to Modern Chevrolet, Inc., the low bidder meeting specifications, for $55,333 each, for a total cost of $110,666.

BE IT FURTHER RESOLVED, that the award of this purchase order constitutes a preliminary determination as to the qualification of the bidder. The Commission is not legally bound to the purchase order until the purchase order is duly executed by the appropriate City staff.

BE IT FURTHER RESOLVED, that the purchase will be financed through the City’s internal leasing program with funding for the lease payments available in the FY 2022-23 budget.
Winston-Salem/Forsyth County Utility Commission
Action Request Form

Date: June 12, 2023
To: Chair and Members of the Utility Commission
From: Courtney Driver, Utilities Director

Commission Action Requested:

Consideration of a Resolution Authorizing a Sole Source Purchase Order to Andritz Separation, Inc. for the Installation of NFPA 652 Equipment in the Biosolids Drying Facility.

Strategic Plan Goal Area: Infrastructure
Strategy: Focus on Quality Assurance
Key Work Item: Yes

Summary of Information:

The Biosolids Drying Facility was constructed and installed by Andritz Separation, Inc. (Andritz) and began operating in 2009. The National Fire Protection Association (NFPA) 652 Code was updated, and it requires additional safety measures that do not currently exist on the dryer system. Since the dryer system and its controls are proprietary, the required safety and system upgrades can only be performed by Andritz.

On November 12, 2019, the Winston-Salem/Forsyth County Utility Commission (Commission) awarded a purchase order to Andritz for engineering and design services to evaluate the Biosolids Drying Facility and provide recommendations for necessary upgrades to bring the facility into compliance with NFPA 652 regulations. On July 12, 2021, the Commission approved a purchase order to purchase the parts required to upgrade the facility as per the design completed by Andritz.

The parts for the upgrade have been received and Andritz has provided a quote for $1,399,220 for the electrical and mechanical installation of the equipment and associated programming to integrate it into the facility.

N.C.G.S. 143-129(e) provides that the formal bid requirements “do not apply to purchases of apparatus, supplies, materials or equipment when: (i) performance or price competition for a product are not available; (ii) a needed product is available from only one source of supply; (iii) or when standardization or compatibility is the overriding consideration.”

It is recommended the attached resolution, which authorizes a sole source equipment upgrade by Andritz Separation, Inc., be approved.

Submitted By: Bill Brewer
Utilities Administration
Name
Department/Division
CONSIDERATION OF A RESOLUTION AUTHORIZING A SOLE SOURCE PURCHASE ORDER TO ANDRITZ SEPARATION, INC. FOR THE INSTALLATION OF NFPA 652 EQUIPMENT IN THE BIOSOLIDS DRYING FACILITY

WHEREAS, on November 12, 2019, the Winston-Salem/Forsyth County Utility Commission (Commission) awarded a purchase order to Andritz Separation, Inc. (Andritz) for engineering and design services to evaluate the Biosolids Drying Facility and provide recommendations for necessary upgrades to bring the facility into compliance with National Fire Protection Association (NFPA) 652 regulations; and

WHEREAS, on July 12, 2021, the Commission awarded a purchase order to Andritz for the purchase of the parts recommended by the engineering study to upgrade the Biosolids Drying Facility to comply with NFPA 652 regulations; and

WHEREAS, N.C.G.S.143-129(e) provides that formal bid procedures shall not apply to purchases of apparatus, supplies, materials or equipment when performance or price competition for a product are not available, when a needed product is available from only one source of supply, or when standardization or compatibility is the overriding consideration; and

WHEREAS, it is desirable to use sole source equipment in the Biosolids Drying Facility for standardization, minimization of spare parts, and compatibility; and

WHEREAS, Andritz, the dryer system manufacturer, has provided a quote of $1,399,220 for installation services to comply with the NFPA 652 codes.

NOW, THEREFORE, BE IT RESOLVED by the Winston-Salem/Forsyth County Utility Commission, an agency of the City of Winston Salem, that the resolution approving Andritz as a sole-source vendor for installation services for a not-to-exceed amount of $1,399,220 for the Biosolids Drying Facility is hereby approved.

BE IT FURTHER RESOLVED that funds are available in account 812200-533102-711066 to cover the cost of installation of the NFPA 652 equipment.
Item 11

Winston-Salem/Forsyth County Utility Commission
Action Request Form

Date: June 12, 2023
To: Chair and Members of the Utility Commission
From: Courtney Driver, Utilities Director

Commission Action Requested:
Consideration of a Resolution Awarding a Purchase Order to Greer Industries, Inc. for Hydrated Lime.

Strategic Plan Goal Area: Product Quality
Strategy: Focus on Quality Assurance
Key Work Item: No

Summary of Information:
Because the five-year term contract is expiring, City/County Purchasing requested bids for the annual supply of hydrated lime. Hydrated lime has several uses in wastewater treatment: to kill algae and bacteria, to reduce odor, to speed up decomposition, and for pH balancing.

Bids were received on May 24, 2023, for hydrated lime to be delivered as needed for wastewater treatment. Below is a summary of the responsive bids received:

<table>
<thead>
<tr>
<th>Vendor</th>
<th>City/State</th>
<th>Annual cost</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greer Industries, Inc. d/b/a Greer Lime Co.</td>
<td>Morganton, WV</td>
<td>$347,166</td>
<td>+35.0%</td>
</tr>
<tr>
<td>Lhoist North America of Virginia, Inc.</td>
<td>Ripplemead, VA</td>
<td>$528,957</td>
<td></td>
</tr>
</tbody>
</table>

Staff recommends awarding a purchase order to Greer Industries, Inc. for approximately 1,350 tons of hydrated lime in the estimated annual amount of $347,166. Terms of the bid allow two annual renewals based on the Producer Price Index, as reported on the U.S. Department of Labor Bureau of Statistics website at the time of extension. If both parties agree and funds are made available for that purpose, the total award possible over two years is estimated at approximately $1,041,498, but that prices may be adjusted annually at renewal per the terms of the bid as noted above.

Submitted By: TaWanna Gates
Name: Purchasing
Department/Division:

Agenda | Appendix
RESOLUTION AWARDING A PURCHASE ORDER TO GREER INDUSTRIES, INC.
FOR HYDRATED LIME

WHEREAS, after due advertisement, bids were received and opened by City/County
Purchasing at 3:00 p.m. on Wednesday, May 24, 2023, for hydrated lime to be delivered as needed
at Muddy Creek Wastewater Treatment Plant; and

WHEREAS, it is recommended that a purchase order for the annual supply of hydrated
lime be awarded to the lowest responsive bidder meeting specifications, Greer Industries, Inc., in
the estimated amount of $347,166; and

WHEREAS, terms of the bid allow prices to be adjusted at the beginning of each annual
period by an amount not to exceed the Producer Price Index, as reported on the U.S. Department
of Labor Bureau of Labor Statistics website at the time the extension is pursued, subject to the
continuation of usage and availability of funds.

NOW, THEREFORE, BE IT RESOLVED, by the Winston-Salem/Forsyth County
Utility Commission (Commission), an agency of the City of Winston-Salem, that a purchase order
for delivery of approximately 1,350 tons annually of hydrated lime be awarded to Greer Industries,
Inc., in the estimated amount of $347,166.

BE IT FURTHER RESOLVED, that terms of the bid allow the option to extend for as
many as two additional annual terms (until June 30, 2026), if both parties agree and funds are made
available for that purpose, making the total award possible over two years to be estimated at
approximately $1,041,498, but that prices may be adjusted annually at renewal per the terms of
the bid as noted above.

BE IT FURTHER RESOLVED, that the award of this purchase order constitutes a
preliminary determination as to the bidder’s qualifications. The Commission is not legally bound
to perform the purchase order until the purchase order is duly executed by the appropriate City
staff.
BE IT FURTHER RESOLVED, that funds have been appropriated in FY 2023-24 to cover the cost of this product, with purchases thereafter subject to future budget appropriations.
Winston-Salem/Forsyth County Utility Commission
Action Request Form

Date: June 12, 2023

To: Chair and Members of the Utility Commission
From: Courtney Driver, Utilities Director

Commission Action Requested:
Consideration of a Resolution Authorizing a Contract for Custodial and Floor Care Services at Water and Wastewater Treatment Facilities.

Strategic Plan Goal Area: Infrastructure
Strategy: NA
Key Work Item: No

Summary of Information:
The Water and Wastewater Treatment Divisions have a need to contract custodial and floor care services at the Swann, Thomas and Neilson water treatment facilities, as well as at the Muddy Creek, Archie Elledge and Manson Meads wastewater treatment facilities.

City/County Purchasing issued a request for proposals (RFP) to provide pricing for custodial and floor care services at these facilities, and on May 9, 2023, proposals were received from the following contractors:

<table>
<thead>
<tr>
<th>Business Name</th>
<th>City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Step Above Cleaning Service, LLC</td>
<td>Winston-Salem, NC</td>
</tr>
<tr>
<td>Blink Facility Services</td>
<td>Raleigh, NC</td>
</tr>
<tr>
<td>Cleaning Matters, LLC</td>
<td>Pfafftown, NC</td>
</tr>
<tr>
<td>Dawn ‘til Dusk Cleaning Services</td>
<td>Winston-Salem, NC</td>
</tr>
<tr>
<td>Grime Guru Janitorial Service LLC</td>
<td>Winston-Salem, NC</td>
</tr>
<tr>
<td>Sparkle 360</td>
<td>Winston-Salem, NC</td>
</tr>
</tbody>
</table>

Terms of the bid document specified detailed evaluation criteria of M/WBE Commitment, Cost, and Qualifications & Experience. An evaluation panel of five staff members from Water Treatment, Wastewater Treatment, Property & Facilities Maintenance, and Business Inclusion and Advancement reviewed the proposals received. See Exhibit A for the detailed scores.

Based upon the evaluation panel’s assessment, it is recommended that a contract for Custodial and Floor Care Services, per the prices offered in the RFP, be awarded to Sparkle 360 in the estimated annual amount of $64,111.40.

~Continued~

Submitted By: TaWanna Gates Purchasing
Name Department/Division
Terms of the RFP reserve the right to extend this service contract for as many as two additional 12-month periods, if both parties agree and funds are made available for that purpose, for a potential total estimated contract value of $192,334.20, not including future price adjustments.

Terms of the agreement also specify that unit prices may be adjusted at the beginning of each additional annual period by an amount not to exceed the latest available Consumer Price Index for All Urban Consumers.

M/WBE comment: This project was advertised on the City/County Purchasing website, and 107 known companies were notified directly of this opportunity, including 54 local businesses, 37 HUB-certified businesses and 66 M/WBE contractors.
RESOLUTION AUTHORIZING A CONTRACT FOR CUSTODIAL AND FLOOR CARE SERVICES AT WATER AND WASTEWATER TREATMENT FACILITIES

WHEREAS, City/County Purchasing received request for proposals (RFP) May 9, 2023, to provide unit pricing for custodial and floor care services at water and wastewater treatment facilities and six proposals were received; and

WHEREAS, terms of the RFP specified detailed evaluation criteria upon which the proposal received would be rated, and following the review by the evaluation panel of city staff, it is recommended that the contract for custodial and floor care services at the water and wastewater treatment facilities, per bid specifications, be awarded to Sparkle 360; and

WHEREAS, terms of the RFP reserve the right to extend this service contract for as many as two additional 12-month periods, provided that both parties are in agreement, and funds are made available for the purpose, and unit prices may be adjusted at the beginning of each additional annual period by an amount not to exceed the latest available Consumer Price Index for All Urban Consumers; and

WHEREAS, it is recommended that the contract for custodial and floor care services at the water and wastewater treatment facilities, per the unit prices offered in the proposal, be awarded to Sparkle 360 in the estimated annual amount of $64,111.40, and that the contract may be renewed for as many as two additional 12-month periods, provided funds are made available for the purpose and both parties are in agreement, for a potential total estimated contract value of $192,334.20.

NOW, THEREFORE, BE IT RESOLVED, by the Winston-Salem/Forsyth County Utility Commission (Commission), an agency of the City of Winston-Salem, that a contract for custodial and floor care services at the water and wastewater treatment facilities, per the unit prices offered in the proposal, is hereby awarded to Sparkle 360 in the estimated annual amount of $64,111.40.
BE IT FURTHER RESOLVED, that this contract may be renewed for as many as two additional 12-month periods, provided funds are made available for the purpose and both parties are in agreement, for a potential total estimated contract value of $192,334.20.

BE IT FURTHER RESOLVED, that the City Manager and City Clerk are hereby authorized to execute contract documents on behalf of the Commission with contract to be approved by the City Attorney.

BE IT FURTHER RESOLVED, that the award of this contract constitutes a preliminary determination as to the bidder’s qualifications. The Commission is not legally bound to perform the contract until the contract is duly executed by the appropriate City staff.

BE IT FURTHER RESOLVED, that funds to cover the cost of this contract are subject to future budget appropriations for FY2023-24.
### Project: Custodial & Floor Care Services for Water/Wastewater Plants

<table>
<thead>
<tr>
<th>M/WBE Commitment</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent goal met or good faith effort made?</td>
<td></td>
</tr>
<tr>
<td>Y</td>
<td>5</td>
</tr>
<tr>
<td>N</td>
<td>0</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Cost</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level</td>
<td></td>
</tr>
<tr>
<td>Lowest cost compared to other proposals</td>
<td>5</td>
</tr>
<tr>
<td>Less than 5% above lowest proposal</td>
<td>4</td>
</tr>
<tr>
<td>5% - 20% above lowest proposal</td>
<td>3</td>
</tr>
<tr>
<td>21% - 35% above lowest proposal</td>
<td>2</td>
</tr>
<tr>
<td>Greater than 35% above lowest proposal</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Qualifications and Experience</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level</td>
<td></td>
</tr>
<tr>
<td>5 Relevant Projects demonstrating the proposer has worked on similar projects</td>
<td>5</td>
</tr>
<tr>
<td>4 Relevant Projects demonstrating the proposer has worked on similar projects</td>
<td>4</td>
</tr>
<tr>
<td>3 Relevant Projects demonstrating the proposer has worked on similar projects</td>
<td>3</td>
</tr>
<tr>
<td>Less than 3 Relevant Projects</td>
<td>Proposal Rejected</td>
</tr>
<tr>
<td>demonstrating the proposer has worked on similar projects</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Firm Name</th>
<th>Sparkle 360</th>
<th>Evaluation Criteria</th>
<th>Weight</th>
<th>Grade</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>M/WBE Commitment</td>
<td>20.00</td>
<td>5.00</td>
<td>100.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cost</td>
<td>30.00</td>
<td>5.00</td>
<td>150.00</td>
<td></td>
<td></td>
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<tr>
<td>Qualifications and Experience</td>
<td>50.00</td>
<td>5.00</td>
<td>250.00</td>
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</tr>
<tr>
<td><strong>Final Score</strong></td>
<td><strong>500.00</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
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Max Score = 500

<table>
<thead>
<tr>
<th>Business Name</th>
<th>A Step Above Cleaning Services</th>
<th>Evaluation Criteria</th>
<th>Weight</th>
<th>Grade</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>M/WBE Commitment</td>
<td>20.00</td>
<td>5.00</td>
<td>100.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cost</td>
<td>30.00</td>
<td>3.00</td>
<td>90.00</td>
<td></td>
<td></td>
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<tr>
<td>Qualifications and Experience</td>
<td>50.00</td>
<td>5.00</td>
<td>250.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Final Score</strong></td>
<td><strong>440.00</strong></td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

Max Score = 500

<table>
<thead>
<tr>
<th>Firm Name</th>
<th>GrimeGuru</th>
<th>Evaluation Criteria</th>
<th>Weight</th>
<th>Grade</th>
<th>Total</th>
</tr>
</thead>
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Agenda | Appendix
Winston-Salem/Forsyth County Utility Commission
Action Request Form

Date: June 12, 2023

To: Chair and Members of the Utility Commission

From: Courtney Driver, Utilities Director

Commission Action Requested:
Consideration of a Resolution Awarding a Contract for Grit Hauling Services.

Strategic Plan Goal Area: Product Quality
Strategy: Focus on Quality Assurance
Key Work Item: No

Summary of Information:
The Wastewater Treatment Division is in need of a vendor to haul and dump grit boxes from the Archie Elledge and Muddy Creek Wastewater Treatment Plants.

City/County Purchasing issued a request for proposals (RFP) to provide pricing for the services needed, and on April 28, 2023, one proposal was received from Republic Services of Winston-Salem, NC.

Terms of the bid document specified detailed evaluation criteria of M/WBE commitment, price, and qualifications. An evaluation panel of five staff members from Wastewater, Property & Facilities Maintenance, and Business Inclusion and Advancement reviewed the proposal received.

Based upon the evaluation panel’s assessment, it is recommended that a contract for grit hauling services, per the prices offered in the proposal, be awarded to Republic Services in the estimated annual amount of $84,000.

Terms of the RFP reserve the right to extend this service contract for as many as two additional 12-month periods, if both parties are in agreement and funds are made available for the purpose, and unit prices may be adjusted at the beginning of each additional annual period by an amount not to exceed the latest available Consumer Price Index for All Urban Consumers, for a potential estimated contract value, not including any potential price adjustments, of $252,000.

M/WBE comment: This project was advertised on the City/County Purchasing website, and sixteen companies, including five M/WBE and three HUB certified firms, were notified directly of the opportunity.

Submitted By: TaWanna Gates
Purchasing
Name
Department/Division
RESOLUTION AWARDING A CONTRACT FOR GRIT HAULING SERVICES

WHEREAS, City/County Purchasing received request for proposals (RFP) on April 28, 2023, to provide unit pricing for grit hauling services from the Archie Elledge and Muddy Creek wastewater treatment plants, and one proposal was received from Republic Services of Winston-Salem, NC (Republic Services); and

WHEREAS, terms of the RFP specified detailed evaluation criteria for which the received proposal was rated, and following the review by the evaluation panel of city staff it is recommended that a contract for grit hauling services, per bid specifications, be awarded to Republic Services; and

WHEREAS, terms of the RFP reserve the right to extend this service contract for as many as two additional 12-month periods, provided that both parties are in agreement and funds are made available for the purpose and unit prices may be adjusted at the beginning of each additional annual period by an amount not to exceed the latest available Consumer Price Index for All Urban Consumers; and

WHEREAS, it is recommended that a contract for grit hauling services, per the unit prices offered in the proposal, be awarded to Republic Services in the estimated annual amount of $84,000, and that the contract may be renewed for as many as two additional 12-month periods, provided funds are made available for the purpose and both parties are in agreement, for a potential estimated contract value of $252,000.

NOW, THEREFORE, BE IT RESOLVED, by the Winston-Salem/Forsyth County Utility Commission (Commission), an agency of the City of Winston-Salem, that a contract for grit hauling services, per the unit prices offered in the proposal, is hereby awarded to Republic Services in the estimated annual amount of $84,000.

BE IT FURTHER RESOLVED, that this contract may be renewed for as many as two additional 12-month periods, provided funds are made available for the purpose and both parties
are in agreement, for a potential estimated contract value, not including potential future price adjustments, of $252,000.

**BE IT FURTHER RESOLVED,** that the City Manager and City Clerk are hereby authorized to execute contract documents on behalf of the Commission with contract to be approved by the City Attorney.

**BE IT FURTHER RESOLVED,** that the award of this contract constitutes a preliminary determination as to the bidder’s qualifications. The Commission is not legally bound to perform the contract until the contract is duly executed by the appropriate City staff.
## Project: Grit Hauling Services

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100.00 Max Score = 500
Winston-Salem/Forsyth County Utility Commission
Action Request Form

Date: June 12, 2023

To: Chair and Members of the Utility Commission

From: Courtney Driver, Utilities Director

Commission Action Requested:
Consideration of a Resolution Approving Updated Water and Sewer System Development Fees in Accordance with the Requirements of Chapter 162A, Article 8 of the North Carolina General Statutes.

Strategic Plan Goal Area: Financial Viability
Strategy: Identify and Communicate Financial Needs
Key Work Item: Yes

Summary of Information:

On July 20, 2017, the North Carolina General Assembly adopted an act to provide for uniform authority to implement system development fees for public water and sewer systems in North Carolina and to clarify the applicable statute of limitations. House Bill 436 amended Chapter 162A of the General Statutes by adding a new Article to read “Article 8, System Development Fees”. Within this Article, the requirements for implementing water and sewer system development fees are defined and local government units must appropriately update and adopt system development fees for water and sewer in accordance with the conditions and limitations of the Article.

The requirements of the Article are as follows and have been met by Winston-Salem/Forsyth County Utilities:

- Update the written analysis at least every five years;
- Calculate system development fees based on a written analysis prepared by a financial professional or licensed professional engineer;
- 45 days prior to consideration of adoption, post written analysis on website and solicit written comments;
- Consider written comments;
- Conduct public hearing to adopt system development fees (May 8, 2023);
- Publish system development fees in annual budget, rate plan, or ordinance.

After receiving written comments and comments during the public hearing that was held on May 8, 2023, staff is recommending a phase-in of updated cost-justified system development fees according to the schedule below:
~continued~
• Effective July 1, 2023, maintain the current fee for the fiscal year.
• Effective July 1, 2024, increase the fee by 50% of the difference between the current fee and the maximum calculated fee as determined by the 2023 study.
• Effective July 1, 2025, increase the fee by 50% of the difference between the July 1, 2024 fee and the maximum calculated fee as determined by the 2023 study.
• Effective July 1, 2026, increase the fee to the maximum calculated fee as determined by the 2023 study.

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Revenues derived from system development fees will be utilized for the following water and wastewater capital projects:

**Water**

- R.W. Neilson Water Treatment Plant Modernization Project – 70211

**Wastewater**

- Fiddler’s Creek Outfall Replacement Project – 710221
- Peter’s Creek Outfall Replacement Project – 710162
RESOLUTION APPROVING UPDATED WATER AND SEWER SYSTEM DEVELOPMENT FEES IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 162A, ARTICLE 8 OF THE NORTH CAROLINA GENERAL STATUTES

WHEREAS, on July 20, 2017, the North Carolina General Assembly adopted an act to provide for uniform authority to implement system development fees for public water and sewer systems in North Carolina and to clarify the applicable statute of limitations; and

WHEREAS, House Bill 436 amended Chapter 162A of the General Statutes by adding a new Article to read “Article 8, System Development Fees”; and

WHEREAS, the Article outlines requirements for implementing water and sewer system development fees, and local government units must adopt system development fees for water and sewer in accordance with the conditions and limitations of the Article; and

WHEREAS, Winston-Salem/Forsyth County Utilities recently completed a study with updated system development fee calculations based on written analysis by a financial professional in compliance with the Article.

NOW, THEREFORE, BE IT RESOLVED, by the Winston-Salem/Forsyth County Utility Commission, an agency of the City of Winston-Salem, that the updated water and sewer system development fees, per the rate schedule in the Action Request Form effective July 1, 2023, are hereby approved.
APPENDIX
WSFC Utilities Commonly Used Abbreviations

AMI  advanced metering infrastructure
AMR  automated meter reading
ARV  air release valve
CCTV closed circuit television
C & D construction and demolition
CIP  capital improvement plan
CIP  cast iron pipe
CO   change order
CSIP Collection System Improvement Program
DIP  ductile iron pipe
EIP  enterprise integration platform
FM   force main
FRP  fiber reinforced pipe
GIS  geographic information system
HDPE high-density polyethylene pipe
HVAC heating, ventilation and air conditioning
LF   linear feet
LOI  letter of interest
MH   manhole
MSW  municipal solid waste
MSEW mechanically stabilized earthen wall
NOI  notice of intent to enforce
NOV  notice of violation
NTP  notice to proceed
PCCP pre-stressed concrete cylinder pipe
PLC  programmable logic controller
PSE  permanent sewer easement
PSI  pounds per square inch

PVC  polyvinyl chloride pipe
RCP  reinforced concrete pipe
RFP  request for proposals
RFQ  request for qualifications
ROW  right of way
SCADA Supervisory Control and Data Acquisition
SF   square feet
SSES Sanitary Sewer Evaluation Study
SSO  sanitary sewer overflow
State North Carolina Department of Environmental Quality
TCE  temporary construction easement
VCP  vitrified clay pipe
**STRATEGIC FRAMEWORK**

**Vision**
A top-performing utility proactively safeguarding public health and the environment through a culture of continuous improvement.

**Mission**
Our dedicated team provides quality water, wastewater, and solid waste services to the region through responsible use of resources.

**Values**
Winston-Salem/Forsyth County Utilities is committed to meeting the needs of the region, through:

- **Integrity**
  Being open and honest

- **Dedication**
  To our customers and our employees

- **Quality**
  Providing safe and reliable services

- **Stewardship**
  Of our environment and public health

---

**Goals**

**PRODUCT QUALITY**
To ensure the quality of our services by proactively managing and safely operating our systems

**WORKFORCE**
To recruit, develop, and retain a dedicated team prepared to provide water, wastewater, and solid waste services today and tomorrow

**INFRASTRUCTURE**
To proactively maintain and improve our infrastructure while ensuring compliance and sufficient capacity

**TECHNOLOGY AND INNOVATION**
To develop innovative and customer-focused solutions by harnessing technology and process improvements

**CUSTOMERS AND STAKEHOLDERS**
To effectively communicate, engage, and respond to the needs of our customers and stakeholders

**FINANCIAL VIABILITY**
To enhance financial stability while ensuring product and service quality
**Measures**

- Sanitary Sewer Overflows per 100 Miles of Pipe
- Reported Violations of Any Water, Wastewater, or Solid Waste Disposal Permit or Standard
- Technical Service Complaints per 1,000 Accounts
- Average Response Time to Sanitary Sewer Overflow
- Retention Rate
- Number of Employees with Certifications Above What is Required for their Positions
- Average Daily Water Treatment Capacity as a Percentage of Permitted Capacity
- Average Daily Wastewater Treatment Capacity as a Percentage of Permitted Capacity
- Projected Remaining Life of Landfills
- Water Main Breaks per 100 Miles of Pipe
- Percent of Sewer Lines Cleaned Annually
- Percent of Utilities Information Management Master Plan Completed
- Number of Employee Innovations Proposed, Reviewed, and Selected for Implementation
- Number of Public Outreach Events Held
- Number of Website Hits
- Number of Customer Inquiries Received through CityLink
- Percent of Targeted Cash Reserves
- Total Debt Service Coverage Ratio
- Bond Ratings

**Strategies**

1. Increase proactive engagement with regulatory groups
2. Enhance operational programs with a focus on quality assurance
3. Expand the use of business analytics focused on product quality enhancement
4. Develop a program to reward job-related certifications
5. Develop an enhanced employee recognition program
6. Develop relevant and progressive training programs
7. Develop a structured program for succession planning and knowledge transfer
8. Develop and regularly update Master Plans
9. Expand the use of business analytics focused on infrastructure and process data to enhance capital investment
10. Increase public outreach related to infrastructure operations and capital projects
11. Complete and implement the Utilities Information Management Master Plan
12. Develop and advance a continuous improvement and innovations program
13. Define and achieve enhanced customer experience service levels
14. Expand stakeholder outreach and engagement
15. Identify and communicate financial needs
16. Leverage improved data to enhance long-term financial planning
17. Evaluate and consider rate simplification
18. Develop a process for evaluating regionalization opportunities
WINSTON-SALEM/FORSYTH COUNTY
UTILITY COMMISSION

COMMITTEES

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Tom Griffin
Hugh W. Jernigan
Allan Younger

OPERATIONS
Hugh W. Jernigan – Chair
Harold Eustache
Yvonne H. Hines

PLANNING & POLICY
Tom Griffin – Chair
Simpson O. Brown, Jr.
Duane Long
Charles Wilson