

# WORK WITH WATER

December 14, 2018



## AGENDA



- **Welcome and Event Overview**  
*Angela Lee, Charlotte Water Director*
- **Charlotte Business INClusion (CBI) Certification**  
*Kimberly Tibbs, CBI Certification Specialist*
- **Vendor Administration**  
*Gale Helms*
- **Engineering Project Management and Delivery**  
*Charlotte Water Engineering Division*
- **Networking Session**



## Charlotte Business INClusion (CBI) Certification



### Introduction



Charlotte Combined Statistical Area  
(CSA)

Charlotte Business INClusion promotes diversity, inclusion, and local business opportunities for Minority, Women, Small Business Enterprises (MWSBEs) in the Charlotte region.



### SBE Eligibility Requirements

- Qualifying person(s) must own 51% of the business
- Personal net worth not to exceed \$750,000  
*(Excludes business ownership, retirement accounts, and eligible equity in residential home)*
- Significant business presence in the CSA
- Provide a commercially useful function to the City



### MWSBE Certification Benefits

- Certification is **FREE!**
- Certified firms are listed in the City's vendor database
- Increased visibility and notification of City contracting and subcontracting opportunities
- Free workshops, seminars, and networking events
- Access to working capital loans



## Advance Your Business

### Professional Association Sponsorship

- Certified SBE receive \$100 off annual membership fees to following associations
  - Carolinas Assoc. of General Contractors (AGC)
  - Metrolina Minority Contractors Association (MMCA)
  - National Assoc. of Women Business Owners (NAWBO)
  - Charlotte Chamber of Commerce
  - Latin American Chamber of Commerce
  - Black Chamber of Commerce

### Central Piedmont Community College (CPCC) Small Business Center

- Tuition assistance for certified SBEs up to \$300 each fiscal year



## MWBE Eligibility Requirements

- Certified with the State of North Carolina's Historically Underutilized Business (HUB) Office

<http://www.doa.state.nc.us/hub/>

- Significant business presence in the CSA
- Relevant Market Area Certificate
- Copy of NC HUB Certification Letter



MWSBE Certification Contacts

**Kimberly Tibbs**

CBI Certification Specialist

[ktibbs@charlottenc.gov](mailto:ktibbs@charlottenc.gov)

(704) 336-5066

**NaTasha Smith**

CBI Certification Specialist

[nsmith@charlottenc.gov](mailto:nsmith@charlottenc.gov)

(704) 432-3304




**Thank you!!**

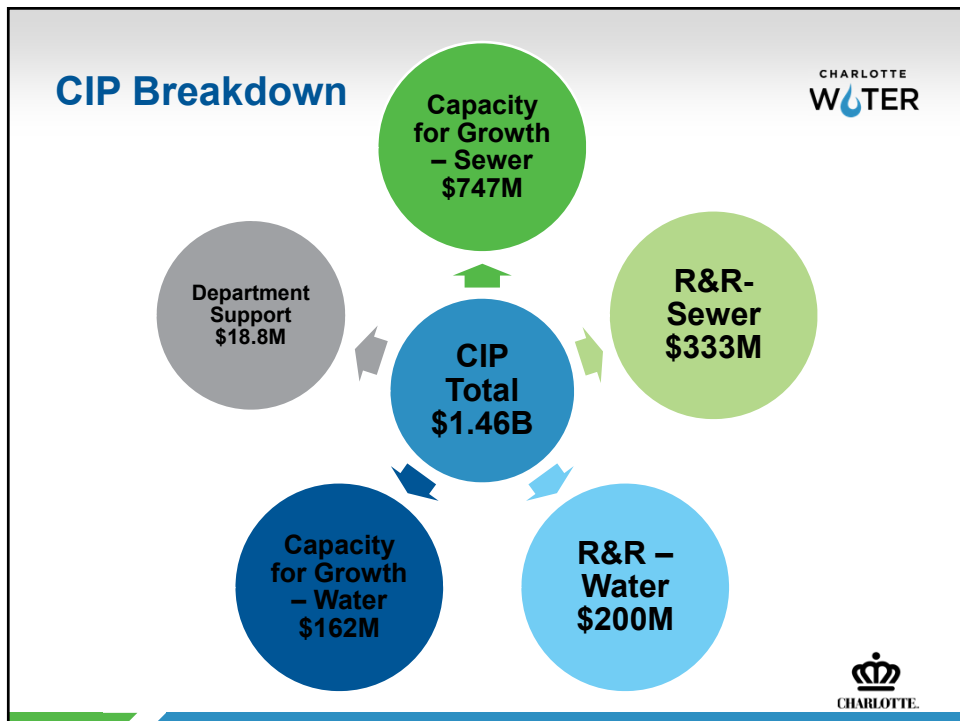
# Engineering

## Project Management and Delivery

Vendor Outreach  
December 14, 2018



CHARLOTTE  
WATER



## Current FY19 – FY23 CIP



|                                | Water           | Wastewater     |
|--------------------------------|-----------------|----------------|
| <b>Projects &amp; Programs</b> | <b>37</b>       | <b>51</b>      |
| <b>FY19-FY23 Totals</b>        | <b>\$338.7M</b> | <b>\$1.08B</b> |
| Treatment Plant                | \$74.3M         | \$499M         |
| Pipelines                      | \$253.5M        | \$550.0M       |
| Planning                       | \$6.1M          | \$31.0M        |

|                                 |         |
|---------------------------------|---------|
| Facilities, Operational Support | \$41.7M |
|---------------------------------|---------|

**Overall Funding - \$1.465B**



## Why do things differently?



- Aggressive CIP
- Multiple Large-Scale Capital Projects following same delivery Schedule
- Consistency with Project Management
- Changing Expectations
- Competing Prioritization of Projects

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## What's Different?



- e-Builder
- EJCDC
- Collaborative Project Delivery Approach  
(Design/Build, Construction Manager at Risk,  
Program Management)

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## Request for Proposals for Services

Community Investment Projects Vendor Opportunities





## Sewer Cleaning and CCTV Services RFP Currently Advertised



Provide sewer cleaning and CCTV services for various groups within CW

Subcontracting Opportunities:

- Limited

Contact:

CLTWater  
Keith Shirley 704-432-2954

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## Request for Qualifications for Professional Services

Community Investment Projects Vendor Opportunities



**Program Management Services Mallard Creek Basin and Mallard Creek Water Reclamation Facility Improvements RFQ Advertise 1<sup>st</sup> Quarter 2019**



Program Mgmt for Mallard Creek interceptor and improvements to the Mallard WWTP

Subcontracting Opportunities:

- Survey
- Sewer Cleaning and Condition Assessment including CCTV
- Flow Monitoring

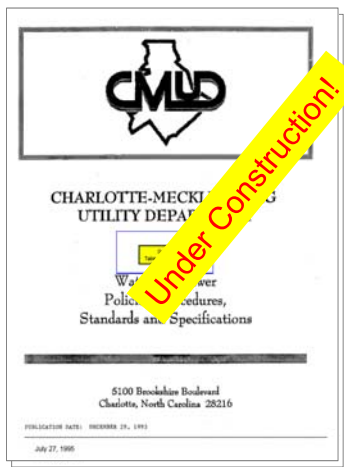
Contact:  
CLTWater  
Irene (Tasha) Okioga  
704-336-1063



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**Charlotte Water Design Manual Update RFQ 1<sup>st</sup> Quarter 2019**



Assist CW Engineering staff and preparing new Design Manual

Subcontracting Opportunities:

- Drafting Services
- Structural Analysis
- Corrosion Analysis

Contact:  
CLTWater  
Nicole Bartlett 704-336-1007



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## Miscellaneous Water and Sewer Engineering Services RFQ 1<sup>st</sup> Quarter 2019



Provide water and sewer engineering services primarily for relocations and new facilities for State, City and Town projects

Subcontracting Opportunities:

- Survey
- Environmental
- Geotechnical

Contact:

CLTWater  
Bill Deal 704-336-1027

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## Request for Qualifications for Progressive Design Build (PDB) Projects

Community Investment Projects Vendor Opportunities



**Mount Holly Pumping Station and Force Main  
PDB RFQ  
Estimated \$32M, Advertise Mid-December 2018**



New Sewer PS, Flow EQ and FM at Mt Holly WWTP site and improvements to CLTWater Long Creek Pump Station

Subcontracting Opportunities:

- Ph 1, Design – Survey, Geotech, Environmental, etc.
- Ph 2, Construction – Hauling, grading, clearing, erosion control, seeding, Electrical

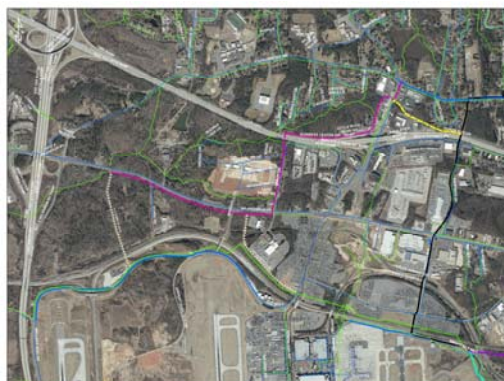
Contact:  
CLTWater  
Nicole Bartlett 704-336-1007

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**Water Transmission Main to Airport PDB RFQ  
Estimated \$9.6M, 1<sup>st</sup> Quarter 2019**



24" water main from Tuckaseegee and Little Rock to Wilkinson Blvd

Subcontracting Opportunities:

- Ph 1, Design – Survey, Geotech, Environmental, etc.
- Ph 2, Construction – Hauling, grading, clearing, erosion control, seeding

Contacts:  
Brown and Caldwell  
Jay Fulmer 704-373-7119

CLT Water  
Amy Vershel 704-962-7685

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**Water Transmission Main Improvements for 960 Pressure Zone PDB RFQ**  
**Estimated \$26M, 1<sup>st</sup> Quarter 2019**



36" Water Main:



30" Water Main to Idlewild BPS:



30" supply main to Idlewild BPS and 36" water main between Harris/Idlewild and Plaza Rd Ext

Subcontracting Opportunities:

- Ph 1, Design – Survey, Geotech, Environmental, etc.
- Ph 2, Construction – Hauling, grading, clearing, erosion control, seeding

Contacts:

Brown and Caldwell  
 Jay Fulmer 704-373-7119

CLTWater  
 Amy Vershel 704-962-7685



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**Water Transmission Main Improvements and Repairs PDB RFQ**  
**Estimated \$4M, 2<sup>nd</sup> Quarter 2019**



Repairs and improvements to existing water transmission mains

Subcontracting Opportunities:

- Ph 1, Design – Survey, Geotech, Environmental, etc.
- Ph 2, Construction – Hauling, grading, clearing, erosion control, seeding

Contact:

CLTWater  
 Chuck Bliss 704-336-1012



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## Water Valve Location, Operation, Repair and Replacement Services PDB RFQ Estimated \$5M, 2<sup>nd</sup> Quarter 2019



Locating, operating repair and replacement of valves in the CW distribution system

Subcontracting Opportunities:

- Ph 1, Design – Survey, Geotech, Environmental, etc.
- Ph 2, Construction – Hauling, grading, clearing, erosion control, seeding

Contact:  
CLTWater  
704-336-1012

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## Long Creek WWTP PDB RFQ Estimated \$250M, 2<sup>nd</sup> Quarter 2019



New 15 MGD WWTP

Subcontracting Opportunities:

- Ph 1, Design – Survey, Geotech, Environmental, etc.
- Ph 2, Construction – Hauling, grading, clearing, erosion control, seeding

Contact:  
CLTWater  
Nicole Bartlett 704-336-1007

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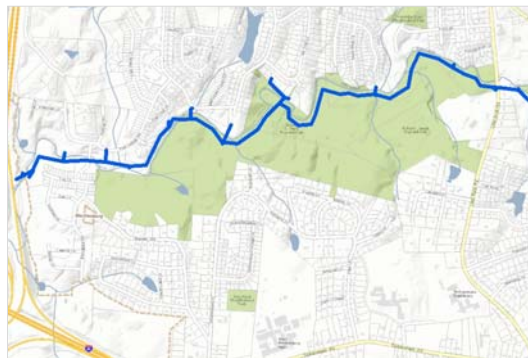


## Design, Bid, Build Construction Contracts

Community Investment Projects Vendor Opportunities



### Paw Creek Outfall Estimated \$10M, Currently Advertised



13,000 LF of 36" and smaller sewer from 485 to Little Rock Rd.

Subcontracting Opportunities:

- Clearing
- Erosion Control
- Hauling
- Fencing

Contacts:

McKim & Creed  
Chuck Shue 704-841-2588

CLTWater  
Matt Bedford 704-336-1009



### Vest Water Treatment Plant (WTP) Upgrades Estimate \$30M, December 2018



Upgrade to the Vest WTP and rehab to the filters at the Franklin WTP.

Subcontracting Opportunities:

- Demolition
- Concrete
- Hauling
- Electrical
- Excavation
- Site Preparation

Contacts:

Black & Veatch Mike Osborne  
704-510-8451

Contractor networking Opportunity  
January 9, 2019

CLTWater  
Ryan LeBlanc  
704-336-1049



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### Dukes WTP & Mallard WWTP Generator Facilities Estimated \$10M, Advertise 1st Quarter 2019



Installation of four 3,000 kW Tier 4F generators, removal and replacement of related systems, equipment and structures, new generator buildings.

Subcontracting Opportunities:

- Clearing
- Erosion Control
- Grading and seeding
- Hauling

Contacts:

Southeastern Consulting Engineers  
Michael Dougherty 704-523-6045

CLTWater  
Irene (Tessa) Okioga – Mallard WWTP  
704-336-1063

Fred Hunter – Lee Dukes WTP  
704-336-1042



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## Upper Taggart Creek Outfall Estimate \$16M, 1<sup>st</sup> Quarter 2019



10,000+ LF of 36"/30"/24"/18" gravity sewer along Taggart Creek from the Billy Graham Pkwy and Morris Field Drive intersection, underneath Wilkinson Blvd, and up to Westerly Hills Park.

Subcontracting Opportunities:

- Clearing
- Erosion Control
- Hauling

Contacts:

WSP USA  
Sid Riddick 704-506-7759

CLTWater  
Ryan LeBlanc 704-336-1049



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## Gravity Sewer to Eliminate Pump Stations Estimate \$6M, 1<sup>st</sup> Quarter 2019



15"/12"/10"/8" Gravity sewer lines to eliminate five separate pump stations in the western portion of Mecklenburg County.

Subcontracting Opportunities:

- Clearing
- Erosion Control
- Hauling
- Demolition

Contacts:

Armstrong Glen, P.C.  
William Armstrong  
704-529-0345

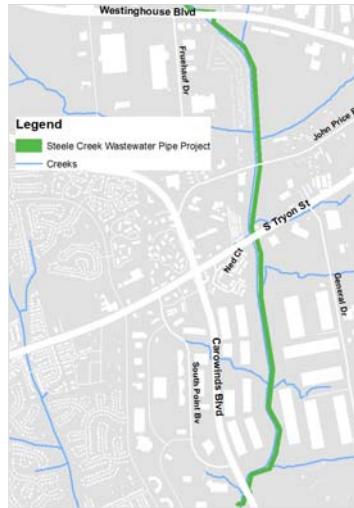
CLTWater  
Ryan LeBlanc  
704-336-1049



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## Steele Creek Interceptor Estimated \$10M, 1<sup>st</sup> Quarter 2019



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~11,000 LF of 36" and smaller sewer from Carowinds Boulevard to Westinghouse Boulevard.

Subcontracting Opportunities:

- Clearing
- Erosion Control
- Hauling

Contacts:  
Willis Engineers  
Greg Wells  
704-377-9844

CLTWater  
Irene (Tasha) Okioga  
704-336-1063



## Catawba Pump Station Rehabilitation Estimated \$4.5M, 2<sup>nd</sup> Quarter 2019



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Upgrade of existing pump station. Primarily high voltage electrical.

Subcontracting Opportunities:

- Demolition
- Erosion Control
- Architectural Coatings
- Window Replacements

Contacts:  
Southeastern Electrical  
Contractors Incorporated  
Mike Dougherty 704-572-8347

CLTWater  
Jeff Davis 704-942-6943



## Water and Wastewater Roofing Replacement Program (W2R2) 2<sup>nd</sup> Quarter 2019



Multiple Roofing Contracts phased over next 3 years-next phase bids May 2019.

Subcontracting Opportunities:

- Trash and Debris Hauling
- Plumbing
- Electrical

Contacts:

Wood Group  
Tim Greene 704-634-4866

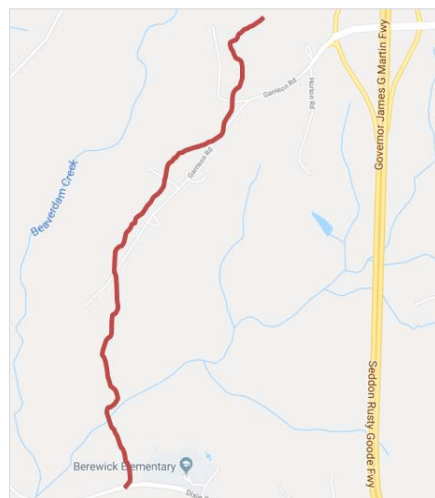
CLTWater  
Jeff Davis 704-942-6943

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## Beaver Dam Creek West Branch Outfall – Ph I – Estimate \$2.6M, 2<sup>nd</sup> Quarter 2019



~7,000 LF of 24" sanitary sewer.  
Projected to bid Summer 2019.  
\$2.6 million estimated project cost

Subcontracting Opportunities:

- Clearing
- Erosion Control
- Hauling

Contacts:

Land Design  
Dale Stewart 704-333-0325

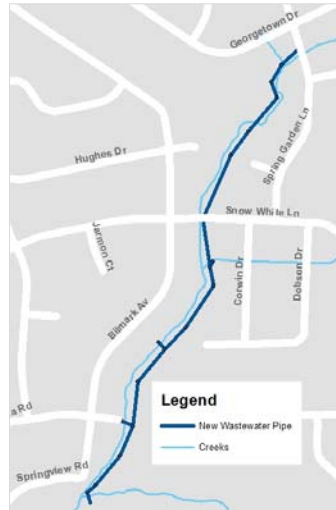
CLTWater  
Tony Martin 704-336-1053

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## FY Water/Sewer Improvements and Hidden Valley Sewer Outfall Replacement Estimate \$4.5M, 2<sup>nd</sup> Quarter 2019



~7,000 LF of 24" sanitary sewer.  
Projected to estimated project cost

Subcontracting Opportunities:

- Clearing
- Erosion Control
- Hauling

Contact:

CLTWater  
Matt Bedford 704-336-1009

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## Stevens Creek Trunk Sewer Phase 2 Estimate \$2.6M, Advertise 3<sup>rd</sup> Quarter 2019



Construction of approximately  
4,800 LF of 8 and 12 inch sewer.  
Project is located in Mint Hill.

Subcontracting Opportunities:

- Clearing
- Erosion Control
- Hauling
- Fencing

Contacts:

GHD  
Brandon Gott  
407-761-6680

CLTWater  
Nicole Bartlett  
704-336-1007

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## Collaborative Delivery Construction Subcontracting Opportunities


Community Investment Projects Vendor




### Design-Build Pipeline Projects




| Project Name  | D/B Team (CLTWater PM)   |
|---|--|
| Dairy Branch Wastewater Project - Magnolia Avenue to Lilac Road | B.R.S., Inc. / STV Engineers (Matt Bedford)                          |
| Davidson Water Main, Phase 3                                    | Propst Construction Company / AECOM (Tony Martin)                    |
| Derita Branch Sanitary Sewer - Cullman Avenue to Reagan Drive   | B.R.S., Inc. / STV Engineers (Matt Bedford)                          |
| Goose Creek Sanitary Sewer to Fairview Road                     | Crowder Construction Company / Merrick & Company / (Nicole Bartlett) |
| Irwin Creek Tributaries to Dewitt / Yeoman                      | Sanders Construction / WSP (Will Rice)                               |
| Little Hope Creek Basin SS Improvements                         | Park Construction / Black & Veatch (Tony Martin)                     |
| Little Sugar Creek Tributary Wastewater Project South Boulevard | Sanders Construction / WSP (Bill Deal)                               |

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## Design-Build Pipeline Projects




| Project Name  | D/B Team (CLTWater PM)   |
|---|--|
| Little Sugar Creek Tributary Wastewater Project South Boulevard     | Sanders Construction / WSP (Bill Deal)                               |
| McMullen Creek South Park Tributary Sanitary Sewer                  | Park Construction / Black and Veatch (Tesha Okioga)                  |
| McMullen Creek Tributary through Quall Hollow                       | Atlantic Coast Contractors, Inc. / Gavel & Dorn (Tesha Okioga)       |
| Paw Creek Lift Station & Force Main Improvements                    | State Utility / Hazen (Ryan LeBlanc)                                 |
| South Blvd Water Main Worthington to Clanton                        | RH Price, Inc. / Stantec (Will Rice)                                 |
| Stevens Creek / Goose Creek Lift Station, & Force Main Improvements | Crowder Construction Company / HDR (Nicole Bartlett)                 |
| Toby Creek Sanitary Sewer Interceptor                               | RH Price, Inc. / Stantec (Julie McLelland)                           |
| Upper McAlpine Creek Sanitary Sewer Interceptor                     | Crowder Construction Company / Merrick & Company / HDR (Amy Vershel) |

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## Subcontracting Opportunities



- Hauling
- Clearing
- Sediment and Erosion Control Installation
- Seeding and Mulching
- Asphalt Paving
- Concrete Flat Work
- Traffic Control
- Minor Water / Sanitary Sewer Pipework




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**Field Operations Zone 4 Facility  
Rodgers Builders (CMAR)  
4<sup>th</sup> Quarter 2019**



New Office, Maintenance and Warehouse Facility

Subcontracting Opportunities:

- Electrical
- HVAC
- Plumbing
- Masonry
- Roofing
- Site Improvements
- etc.



Contact:  
Rodgers Builders (CMAR)  
Armondo Perez 704-634-7701

CLTWater  
Tony Martin 704-336-1053



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**Mallard Creek WWTP Reliability and UV  
Improvements (RUVI)  
Estimated \$20M – 4<sup>th</sup> Quarter 2019**



CMAR Delivery-multiple bid packages. Replacement Filters, UV and Clarifier Mechanisms

Bid Packages:

- Site work
- Demolition

Other Opportunities:

- Concrete
- Erosion Control

Contacts:  
(CMAR) Crowder  
Darric Beach 919-614-2211


CLTWater  
Jeff Davis 704-942-6943

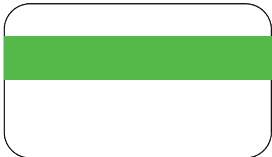


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**NETWORKING SESSION**

 **CONSULTING**

 **CONSTRUCTION**

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