

ADDENDA

ADDENDUM NO. 01

DATE: May 8, 2026

PROJECT: BURNING TREE DRIVE WATER LINE REPLACEMENT

OWASA CIP NUMBER: 375-02

OWNER: ORANGE WATER AND SEWER AUTHORITY

ENGINEER: McKim & Creed, Inc.

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated April 2026, with amendments and additions noted herein below.

Acknowledge receipt of this Addendum in the space provided in the Bid form. Failure to do so may disqualify the Bidder.

This Addendum consists of 14 pages (including this Addendum).

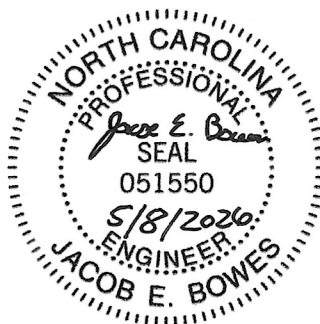
CLARIFICATIONS

1. The Pre-Bid Meeting Minutes (dated April 28, 2026) and Pre-Bid Meeting Sign-In Sheet are attached and made part of the Contract Documents.
2. All insertion valves to be installed on this project shall be a Team Insert Valve Patent number 6,776,187 and 7,225,827 or written approved equal. Refer to Specification Section 01 19 00 – Special Project Provisions, Article 3, Part C for the basis of bid on insertion valves.

CHANGES TO THE SPECIFICATIONS

1. Add the attached North Carolina Department of Environmental Quality – Division of Energy, Mineral, and Land Resources – Erosion and Sedimentation Control Letter of Approval and Certificate of Plan Approval to Appendix A.2; this document was not included in the Issued for Bid specifications.

-END OF DOCUMENT-



**ORANGE WATER AND SEWER AUTHORITY
BURNING TREE DRIVE WATER LINE REPLACEMENT
OWASA CIP NO. 375-02 / M&C PROJECT NO. 01519-0065**

April 28, 2026 at 3:00 PM

MANDATORY PRE-BID CONFERENCE MINUTES

Safety:

OWASA's number one priority for all construction projects is safety.

Project Bid:

Sealed bids will be received by the Owner, Orange Water and Sewer Authority, in the Administrative Offices, 400 Jones Ferry Rd, Carrboro, NC 27510, until 3:00 PM local time, **Thursday, May 14th, 2026**, for the construction of the Burning Tree Drive Water Line Replacement project, CIP No. 375-02.

If Bids will be hand delivered, Bids should be checked in at the front desk so they can be time/date stamped. Bids must be time/date stamped by 3:00 PM on Thursday, May 14th. The official time piece is the mobile phone of the OWASA PM, Bill Rosa. Bidders are reminded that if they are delivering bids via FedEx/UPS or USPS, bids should arrive no less than 24 hours prior to bid opening and be sent by registered mail in a separate mailing/delivery envelope plainly marked on the outside with the notation "BID ENCLOSED", and addressed to:

**Bill Rosa
Project Manager
Orange Water and Sewer Authority
400 Jones Ferry Road
Carrboro, North Carolina 27510**

The Bid opening will occur at the Orange Water and Sewer Authority Administrative Office building. Bidders may be present at the opening of Bids, but it is not required.

Orange Water and Sewer Authority reserves the right to reject and or all Bids, including without limitation, non-conforming, non-responsive, unbalanced, or conditional Bids. Orange Water and Sewer Authority further reserves the right to reject the Bid of any Bidder whom it finds, after reasonable inquiry and evaluation, to not be responsible. Orange Water and Sewer Authority may also reject the Bid of any Bidder if Orange Water and Sewer Authority believes that it would not be in the best interest of the Project to make an Award to that Bidder. Orange Water and Sewer Authority also reserves the right to waive any or all informalities not involving price, time, or changes in the Work, and to negotiate terms with the successful Bidder.

Bid Structure:

The project is a Unit Price and Lump Sum Bid based on the items and quantities listed in the Bid Form.

Project Description:

The work will generally consist of water line replacement on Burning Tree Drive between NC Hwy 54 (Raleigh Road) and Pinehurst Drive, including all associated appurtenances and restoration as described in the Specifications and as shown on the Drawings. The major work items are as follows:

- Complete and operable installation of 4,634 linear feet of 8-inch restrained joint polywrapped ductile iron water line installed via open cut, along Burning Tree Drive from Raleigh Road (NC-54) to Pinehurst Drive.
- Installation of approximately 831 linear feet of 2-inch SDR17 PVC water main and 90 linear feet of 2-inch type "K" hard copper water main to be installed via open cut.
- Installation of all temporary and permanent water services and interconnections, required to install complete and operable water lines meeting local requirements and requirements as described in the Contract Documents.
- Abandonment of approximately 5,470 linear feet of 8-inch AC water line by cellular concrete or grout fill.
- Applicable traffic control, restoration, erosion and sediment control, permitting, and other items required to meet local requirements and requirements as described in the Contract Documents.
- Alternate #1: 215 linear feet of 2" DR9 HDPE temporary overland water main and temporary water service connections.

Examination of Contract Documents and Site:

Bidder shall provide written notice to Engineer of all conflicts, errors, or discrepancies in the Contract Documents.

Construction Contract Periods and Schedules:

The Work shall be Substantially Complete within **365 CONSECUTIVE CALENDAR DAYS**, after the date when the Contract Time commences to run and shall be completed and ready for final payment within **395 CONSECUTIVE CALENDAR DAYS**, of the Notice to Proceed.

Liquidated Damages:

<i>Description</i>	<i>Number of Consecutive Calendar Days to Achieve Completion of the Work</i>	<i>Liquidated Damages (per day)</i>
Substantial Completion	365 days from Notice to Proceed	\$1,500
Final Completion	395 days from Notice to Proceed	\$1,500

Bid Package Requirements:

If Bid is sent by registered mail, air/ground special delivery, or express delivery, the sealed envelope containing the Bid, marked as indicated above, shall be enclosed in an additional sealed envelope similarly marked and addressed as follows:

BID ENCLOSED
Bill Rosa
Project Manager
Orange Water and Sewer Authority
400 Jones Ferry Road
Carrboro, North Carolina 27510

Mark envelope with the Project Title and Contract number in the lower left-hand corner. Bids sent by mail or express air/ground delivery and arriving after the time for opening of Bids shall not be considered as valid Bids.

If the Bidder chooses delivery of the Bid by means other than in person, neither Orange Water and Sewer Authority nor the Engineer assumes responsibility for delivery to the Bid opening.

THE FOLLOWING FORMS ARE INCLUDED IN SECTION 00 41 44 – PROPOSAL AND SHALL BE COMPLETELY FILLED OUT AND SUBMITTED WITH THE BIDS. Failure to submit all of the forms below with the Proposal may be just cause for rejection of the Proposal by the Owner.

- Proposal and Bid Form
- Bid Bond or other Bid Security

- Certified List of Equipment/Material Manufacturers and Subcontractors
- Certification Affidavit
- List of Project References
- Evidence of Authority to do Business in the State of North Carolina
- Bidder Qualification Statement with Supporting Data
- Addenda Acknowledgement
- Contractor's Affidavit of Organization and Authority
- Non-Collusion Affidavit for Contractors
- Non-Collusion Affidavit for Subcontractors
- Equal Employment Opportunity Certification
- Identification of Minority Business Participation
- State of North Carolina
 - Affidavit A - Listing of Good Faith Efforts Form
 - Affidavit B – Intent to Perform Contract with Own Workforce

Additional Documents to be Included with the Bid (not included in Section 00 41 44 – Proposal):

- E-Verify Affidavit
- Iran Divestment Act Certification
- Companies Boycotting Israel Divestment Act Certification Form
- Certification Regarding Conflict of Interest

Method of Payment:

Bidder should refer to the Section 01 10 26 – Unit and Lump Sum Prices for a description of work to be included in each payment item and how that item is to be paid.

Survey and SUE Data:

Topographic Survey and SUE QLB throughout the project corridor (Burning Tree Drive) was performed by McKim & Creed in November 2024. Utility records marked as (REC)/(R) have been taken from utility records and not located using SUE QLB or survey methods.

Permits and Encroachments:

The following permits are included as part of this project

- Appendix A.1 - North Carolina Department of Environmental Quality – Division of Water Resources Public Water Supply Section – Engineering Plans and Specifications for Water Supply Systems Approval
- Appendix A.2 - NC Division of Environmental Quality - Division of Energy, Mineral, and Land Resources - Erosion and Sedimentation Control Plan Approval with Modifications (approved...to be issued via Addendum)
- Appendix A.3 - NC Division of Environmental Quality - Division of Energy, Mineral, and Land Resources NCG01 - Certificate of Coverage (pending approval...to be issued via Addendum)
- Appendix B – Geotechnical Report
- Town of Chapel Hill – Review approval issued via email. Town will formally approve the project once Drawings are submitted to the Town for stamped approval. Town stamped Drawings will be issued as part of the Issued For Construction (IFC) Drawings to the awarded contractor.

Traffic Control:

- Traffic control is incorporated into this project. Access to all residences, businesses, and golf course shall be maintained at all times. Contractor shall coordinate with property owners when crossing or impacting driveways or cart paths.
- (7) Calendar days prior to temporary road closures, contractor to notify proper stakeholders and authorities having jurisdiction to coordinate traffic and community impacts, including personnel at Town of Chapel Hill and golf country club. Impacts to school bussing, town bussing, emergency vehicles, and pedestrians shall be considered and coordinated as a part of this notification process.
- Contractor shall coordinate with Chapel Hill Country Club prior to construction to maintain golf cart accessibility across Burning Tree Drive where applicable.
- Traffic control during installation of the proposed water main within Burning Tree Drive, Canterbury Lane, and Pinehurst Drive to consist of rolling one lane shutdown, with access maintained to homes and cul-de-sacs at all times. Residential access to open trenches during non-construction hours is not permitted. Steel plates or protective barriers are required, when necessary.

- Contractor shall notify OWASA and property owners a minimum of 72-hours before initiating impacts to driveway entrances and private properties (OWASA to help facilitate communication with property owners).
- Allowable lane closure hours are from 8:00am to 5:00pm, Monday through Friday.

Miscellaneous Items:

- OWASA anticipates award of Contract in July 2026
- OWASA anticipates Notice to Proceed in August 2026.
- Contact OWASA a minimum of 72 hours prior to the start of construction.
- Allowable construction hours are from 7:00am to 7:00pm Monday through Friday or as specified by OWASA requirements. Allowable lane closure hours are from 8:00am to 5:00pm, Monday through Friday.
- Contractor shall begin work within 10 consecutive calendar days of the date specified in the Notice to Proceed. Failure of the Bidder to commence the work or fail to provide the required bonds shall result in forfeit of bid security as damages to Orange Water and Sewer Authority by reason of our failure, limited in amount to the lesser of the face value of the security deposit or the difference between this bid and the bid upon which the contract is signed.
- All work shall comply with the latest OWASA, Town of Chapel Hill, and NCDOT Standards and Requirements (where applicable).
- McKim & Creed will be providing Construction Administration and Construction Observation services.
- Bidders shall be familiar with all conditions and provisions in the permits.
- All underground utilities are shown at approximate locations. Prior to construction, contact N.C. One Call at 811 or 1-800-632-4949 to have buried utilities properly located including, but not limited to: Power, Telecommunications, and storm utilities. No excavation shall occur until buried utilities have been properly located. Contractor shall be responsible for locating all buried telecommunication and electric duct banks and structures, including depth and edges of duct banks and structures, prior to start of construction. Notify Engineer and Owner immediately should a conflict arise between proposed water main location and existing duct banks, telecommunications, and buried electric structures.
- Contractor shall be responsible for determining location, depth, material, type and condition of existing utilities, including existing water main at proposed tie in locations and where shown horizontally within 7' of the proposed water main alignment. Prior to installation of

new main line tees and taps, Contractor to verify size and material of existing services and interconnections.

- Existing water main at Test Hole #2 near the Burning Tree Dr/NC-54 intersection was identified as ductile iron pipe. Existing water main transitions to asbestos cement pipe at an unknown location traveling north along Burning Tree Dr. Contractor to remove existing water main within the trench of the proposed water main, where necessary per OSHA regulations, at no additional cost to OWASA.
- Contractor is responsible for securing a laydown yard prior to mobilization and submitting plan for laydown area in accordance with the Contract Documents.
- Bidders are to note the project specific insurance requirements listed in section 00 52 15 – Agreement Form – Single Prime Contract.
- Bidders shall note the Allowances included in the bid form and refer to the Unit Price section of the specifications for how they apply to the Contract.
- Contractor shall note all erosion and sedimentation control measures shown on plan sheets.
- Water line abandonment shall be performed in accordance with the latest edition of OWASA and NCDOT standards and requirements. All pipe greater than 4” in diameter which is abandoned in place shall be grout filled. Any AC pipe removed shall be handled and disposed in accordance with all federal and local laws/ordinances. Existing valves on water lines to be grout filled shall be abandoned by removing valve cover and top section(s) to a depth of 3 feet below final grade. Backfill remaining valve box sections and excavation with flowable fill.
- New water line and associated fittings shall be restrained joint ductile iron in accordance with the latest OWASA standard specifications. Bidders are reminded to review all material requirements listed in the project specifications.
- Average operating pressure in the Burning Tree project corridor per OWASA is 155 psi. Contractor to verify existing localized maximum operational pressure at time of construction prior to installation of an insertion valve and confirm method of restraint is suitable for existing pipe material.
- Contractor shall maintain potable water service and fire protection throughout construction unless accepted by OWASA and the local fire department prior to a scheduled outage. Temporary services and fire connections shall be used where expected disruptions exceed an 8 hour regular business day. Services must be restored prior to leaving the worksite at the end of each work day.
- Contractor shall verify the size of each water service connection and provide a new service or at least the same size as the existing. All new services shall meet the current OWASA standards for material, size, meter vault dimensions, etc. Any modifications to OWASA

standards due to field conditions shall be requested in writing from OWASA/Engineer a minimum of seven (7) days prior to construction.

- Contractor shall notify OWASA a minimum of five (5) working days prior to connecting existing water mains to new water main. Contractor shall coordinate all abandonment, valve box removal, and tie-in activities as required with OWASA. Contractor shall not operate and valves or fire hydrants.
- Any water meters removed as part of the abandonment activities shall be returned to OWASA, unless otherwise directed by Owner's representative.
- Contractor shall obtain street cut permit from Greg Ling at the Town of Chapel Hill and complete an engineering construction permit with the Town of Chapel Hill prior to beginning construction. Contractor is responsible for all street cut fees.
- Contractor shall apply for sidewalk/lane closure permit from the Town of Chapel Hill prior to any lane work or sidewalk closures.
- It is the Contractor's responsibility to prepare accurate record drawing information per the requirements of the specifications (red-lined drawings).
- All questions about the meaning or intent of the Bidding Documents shall be submitted in writing to the Engineer via email only to: kmattingly@mckimcreed.com. Interpretations or clarifications considered necessary by the Engineer in response to such questions will be issued by Addenda emailed or delivered to all parties recorded by Engineer as having received the Bidding Documents. All Addenda will also be posted at least twenty-four (24) hours before Bids are opened. Questions received less than five (5) days prior to the date for the opening of Bids may not be answered. Only questions answered by Addenda will be binding. Oral and other interpretations or clarifications shall be without legal effect.

Comments and Bidder Questions

- OWASA indicated this project is scheduled to go in front of the OWASA Board of Directors for award on June 11.
- OWASA noted the Town of Chapel Hill intends to complete a resurfacing project along Burning Tree Drive in the 2027 fiscal year (after completion of this project).

Bidder Question 1: Does the awarded Contractor have to be on-site within the specified 10 calendar days after issuance of NTP?

Engineer Response to Bidder Question 1: OWASA expects the awarded Contractor to show good faith efforts in preparing to start the project by the agreed upon Notice to Proceed date. OWASA is primarily concerned with the awarded Contractor being substantially complete with the work by the Substantial Completion date included as part of the Contract Documents.

Bidder Question 2: Was any rock noted in the Geotechnical reports included in the Contract Documents?

Engineer Response to Bidder Question 2: No.

Bidder Question 3: Is native material acceptable for backfill?

Engineer Response to Bidder Question 3: Yes, it is assumed native material is suitable for backfill unless unsuitable material is encountered during construction.

Bidder Question 4: Can we jack and bore under the existing storm drain crossings near Burning Tree Dr/NC HWY 54 intersection?

Engineer Response to Bidder Question 4: The Base Bid scope of work assumes an open-cut installation of the proposed 8-inch water main under existing storm drain crossings that will not impact operation and service of the existing 8-inch water main. The intent of Bid Alternate #1 for installation of an above ground temporary water main and temporary water services is to keep the existing 8-inch water main and existing water services active during installation of the proposed 8-inch water main should existing conditions present a conflict to the operation and service of the existing 8-inch water main.



**ORANGE WATER AND SEWER AUTHORITY (OWASA)
BURNING TREE DRIVE WATER LINE REPLACEMENT (OWASA CIP NO. 375-02)
PRE-BID MEETING
Tuesday, April 28, 2026**

SIGN-IN SHEET

<u>Name</u>	<u>Organization</u>	<u>Phone Number</u>	<u>Email</u>
Larry Alewine	McKim & Creed, Inc.	(919) 233-8091	lalewine@mckimcreed.com
Jacob Bowes	McKim & Creed, Inc.	(919) 600-9947	jbowes@mckimcreed.com
Cody Barnes	McKim & Creed, Inc.	(919) 616-4552	cbarnes@mckimcreed.com
Bill Rosa	OWASA	(919) 503-8131	brosa@owasa.org
Steve Bailey	OWASA	(919) 537-4251	sbailey@owasa.org
Cory Hudson	Axis Utility	(252) 915-1866	zrobertson@axisutility.com
Tim Hogan	J.F. Wilkerson	(919) 501-8597	tim@jfwilkerson.com
Adam Gross	Moffat Pipe Inc.	(919) 295-4630	bids@moffatpipe.com
AJ Likosar	Carolina Civil Works	(919) 698-5763	alikosar@carolinacivilworks.com
Erica Thomas	Crossroads Site Development	(617) 335-8759	erica@crossroadssitedevelopment.com

JOSH STEIN
Governor

D. REID WILSON
Secretary

WILLIAM E. TOBY VINSON, JR.
Director



04-07-2026

LETTER OF APPROVAL

Orange Water and Sewer Authority
400 Jones Ferry Road
Carrboro, NC 27510

RE: Project Name: Burning Tree Drive Water Line Replacement
Permit Number: ORANG-2026-0128
Acres Approved: 4.3
County: Orange
City: Chapel Hill
Address: 1351 Raleigh Rd
River Basin: Cape Fear
Stream Classification: NSW: Nutrient Sensitive Waters; WS-IV: Water Supply IV
Plan Type: Revised Plan

Dear Orange Water and Sewer Authority,

This office has received and reviewed the subject erosion and sedimentation control plan. We find the plan to be acceptable and hereby issue this Letter of Approval. The enclosed Certificate of Approval must be posted at the job site. This plan shall expire three (3) years following the date of approval, if no land disturbing activity has been undertaken, as is required by Title 15A NCAC 4B .0129.

As of April 1, 2019, all new construction activities are required to complete and submit an electronic Notice of Intent (eNOI) form requesting a COC under the NCG010000 Construction Stormwater General Permit. You must apply for coverage by submitting a "Construction Stormwater - NCG01 (Subject to the SPCA) in the [AccessDEQ Portal](#). Once your application is complete, you will receive an invoice for the \$127 annual permit fee and can submit payment through the AccessDEQ Portal. Once the fee is processed and the application approved, you will receive the COC via email. As the Financially Responsible Party shown on the FRO form submitted for this project, you MUST obtain the COC prior to commencement of any land disturbing activity. Please direct questions about the eNOI form to the [Stormwater Program staff](#) in the Raleigh central office. If the owner/operator of this project changes in the future, the new responsible party must obtain a new COC.



North Carolina Department of Environmental Quality
Division of Energy, Mineral and Land Resources
512 North Salisbury Street | 1612 Mail Service Center
Raleigh, North Carolina 27699-1612

Title 15A NCAC 4B .0118(a) and the NCG01 permit require that the following documentation be kept on file at the job site:

1. The approved E&SC plan as well as any approved deviation.
2. The NCG01 permit and the COC, once it is received.
3. Records of inspections made during the previous 12 months.

Also, this letter gives the notice required by G.S. 113A-61.1(a) of our right of periodic inspection to ensure compliance with the approved plan.

North Carolina's Sedimentation Pollution Control Act is performance-oriented, requiring protection of existing natural resources and adjoining properties. If, following the commencement of this project, the erosion and sedimentation control plan is inadequate to meet the requirements of the Sedimentation Pollution Control Act of 1973 (North Carolina General Statute 113A-51 through 66), this office may require revisions to the plan and implementation of the revisions to ensure compliance with the Act.

Acceptance and approval of this plan is conditioned upon your compliance with Federal and State water quality laws, regulations, and rules. In addition, local city or county ordinances or rules may also apply to this land-disturbing activity. This approval does not supersede any other permit or approval.

Please note that this approval is based in part on the accuracy of the information provided in the Financial Responsibility Form and on the plan, which you provided. You are requested to file an amended form if there is any change in the information included on the form.

Your cooperation is appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read 'Anson Siu Tsuen Wong', written in a cursive style.

Anson Siu Tsuen Wong
Environmental Engineer
Land Quality Section

CERTIFICATE OF PLAN APPROVAL



The posting of this certificate certifies that an erosion and sedimentation control plan has been approved for this project by the North Carolina Department of Environmental Quality in accordance with North Carolina General Statute 113A – 57 (4) and 113A – 54 (d) (4) and North Carolina Administrative Code, Title 15A, Chapter 4B.0107 (c). This certificate must be posted at the primary entrance of the job site before construction begins and until establishment of permanent groundcover as required by North Carolina Administrative Code, Title 15A, Chapter 4B.0127 (b).

**Burning Tree Drive Water Line Replacement
1351 Raleigh Rd Chapel Hill, NC 27517**

04/07/2026

Date of Plan Approval

ORANG-2026-0128

Project Identifier



Certificate of Coverage Number: _____