

ADDENDA

ADDENDUM NO. 01

DATE: January 16, 2024

PROJECT: MORGAN CREEK INTERCEPTOR REPLACEMENT PHASE I

OWASA CIP NUMBER: 276-59

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 December 2023, 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 11 pages.

CLARIFICATIONS:

1. The Pre-Bid Meeting Minutes (dated January 10, 2024) and Pre-Bid Meeting Sign-In Sheet are attached and made part of the Contract Documents.

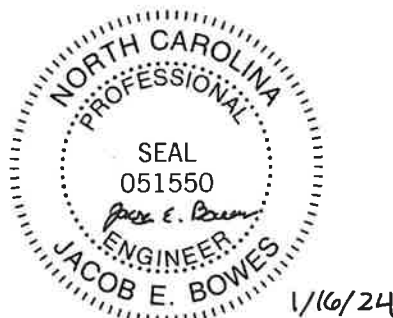
CHANGES TO THE SPECIFICATIONS:

1. Add the attached NCG01 Certificate of Coverage to Appendix A.4; this document was not included in the Issued for Bid specifications.

CHANGES TO THE DRAWINGS:

1. No changes to the Drawings are included in this Addendum.

-END OF DOCUMENT-



**ORANGE WATER AND SEWER AUTHORITY
MORGAN CREEK INTERCEPTOR REPLACEMENT PHASE I
OWASA CIP NO. 276-59 / M&C PROJECT NO. 01519-0058**

January 10, 2024 at 10:00 AM

PRE-BID MEETING 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 3:30 PM local time, on **Tuesday, January 23, 2024**, for the construction of the Morgan Creek Interceptor Replacement Phase I project, CIP No. 276-59.

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 3:30 PM on Tuesday, January 23. Bidders are reminded that if they are delivering bids via FedEx/UPS or USPS, bids should arrive at least 24 hours before bid opening.

The Bid opening will occur in the Boardroom at the Orange Water and Sewer Authority Administrative Office building.

Andre Miller's mobile phone will be the official time piece. The bids will be available for public inspection with the assistance of OWASA personnel if interested parties do not want to be present at the bid opening. The bid results will be posted to the OWASA bid opportunities website no more than 48 hours after the bid.

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 sanitary sewer installation and abandonment, and all associated appurtenances and restoration as described in the Specifications and as shown on the Drawings. The major work items are as follows:

- Installation of approximately 2,100 linear feet of 36-inch FRP and stainless steel gravity sewer installed via open-cut and aerial crossing (Morgan Creek).
- Three (3) connections to local 8-inch sewers.
- Abandonment of approximately 2,000 linear feet of existing 24-inch gravity sewer.

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 **250 CONSECUTIVE CALENDAR DAYS**, after the date when the Contract Time commences to run and shall be completed and ready for final payment within **280 CONSECUTIVE CALENDAR DAYS** of the date when the Contract Time commences to run. No interim completion dates have been established for this project.

Liquidated Damages:

| Description | Number of Consecutive Calendar Days to Achieve Final Completion of the Work | Liquidated Damages (per day) |
|------------------------|---|------------------------------|
| Substantial Completion | 250 days from Notice to Proceed | \$1,000/day |
| Final Completion | 280 days from Notice to Proceed | \$1,000/day |

Bid Package Requirements:

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

BID ENCLOSED
Andre Miller, PE
Utilities Engineer
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. We recommend proposals that are mailed be received 24 hours before the bid due date so as to avoid a conflict. **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
- Addenda Acknowledgement
- Certified List of Equipment/Material Manufacturers and Subcontractors
- Certification Affidavit and Bid Certification
- Qualifications of Bidders (See also Section 00 21 15 Instructions to Bidders, Paragraph 3.01)
- Bid Bond or other Bid Security
- Contractor's Affidavit of Organization and Authority
- Contractor's Non-Collusion Affidavit
- Non-Collusion Affidavit for Subcontractors
- Equal Employment Opportunity Certification
- Minority Business Participation, and applicable Affidavit's A, B, C, and/or D

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

- E-Verify Form

Method of Payment:

Bidder should refer to the Specification 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.

Geotechnical Data:

Limited geotechnical investigations were ~~not~~ performed as a part of this design and included in Appendix B. Appendix B is being provided for informational purposes only.

Survey Data:

Topographic survey of existing grade, creek crossings, above-grade features, and sanitary sewer inverts was performed by McKim & Creed from May to September 2022.

Permits and Encroachments:

The following permits and encroachments have been obtained or will be obtained by OWASA prior to the NTP date:

- University of North Carolina at Chapel Hill (UNC) (*Pending*)
 - Right of Entry Agreement for Construction
 - Construction Approval
- Town of Chapel Hill (*Pending*)
 - Construction Approval
 - Resource Conservation District Encroachment Exemption
- North Carolina Division of Environmental Quality – Division of Energy, Mineral, and Land Resources – Erosion and Sedimentation Control Plan (*Received*)
- North Carolina Department of Environmental Quality – Division of Energy, Mineral, and Land Resources NCG01 – Certificate of Coverage (*Received*)
- North Carolina Department of Environmental Quality – Pretreatment and Collection Systems – Fast Track Sewer Permit (*Received*)
- United States Army Corps of Engineers (USACE) - 404 Nationwide 12 Permit (*Pending*)
- North Carolina Department of Environmental Quality – Division of Water Resources 401 Permit (*Pending*)
- North Carolina Floodplain Management Program – No-Rise Permit (*Pending*)

Miscellaneous Items:

- OWASA anticipates award of Contract in February 2024.
- OWASA anticipates Notice to Proceed in early March 2024.
- Contractor shall begin work within 10 consecutive calendar days of the date specified in the Notice to Proceed. Failure of the Contractor to commence construction within ten (10) consecutive calendar days of the Notice to Proceed shall begin a daily penalty to the Contractor at a rate of fifty percent (50%) of the daily Liquidated Damages specified in the Agreement.
- All work shall comply with the latest OWASA, Town of Chapel Hill, UNC, and NCDEQ published standards.
- McKim & Creed will be providing Construction Administration and Observation services.
- Bidders shall be familiar with all conditions and provisions in the permits. Note Special Project Provisions are listed in Specification Section 01 19 00.
- This project is located in an environmentally sensitive area with multiple agencies having jurisdiction on portions of the project. Agencies include, but are not limited to: UNC, North Carolina Botanical Gardens (NCBG), United States Fish and Wildlife Service (USFWS), Town of Chapel Hill, OWASA, NCDEQ, and USACE. Contractor is advised to thoroughly review the Contract Documents to understand requirements from agencies prior to placing a bid.
- The only site access designed and permitted is through Bartram Drive. Contractor shall review requirements in Specification Section 01 13 90, Section 01 13 90, and Section 01 19 00 (modifications for Section 02275) for providing pre-construction video and traffic control measures of the haul route, as necessary when mobilizing materials and equipment between US 15/501 and the project site. Per Note 13 on Sheet G1 and Section 01 19 00, selective pruning requires Town of Chapel Hill coordination. Contractor is responsible for reviewing the access route to determine potential obstructions and limitations and is responsible for obtaining approval from Town of Chapel Hill for modifications to route prior to construction, including but not limited to selective pruning. Cost of obtaining agency approval and all potential modifications to the access route are included in the cost of the work. No change order will be provided for cost related to access route modifications.
 - See Specification Section 01 19 00 for requirements if modifications such as grading, excavation or clearing are required to access the site.
- Contractor has the option to request access through Flagstone Court per Sheet G2. Obtaining this access is not a requirement for the project.
- See Note 15 on Sheet G2 which requires a preconstruction tree protection training course provided by the NCBG. Contractor shall coordinate with OWASA and the NCBG to schedule this training course. See Specification Section 02275 which also requires a preconstruction meeting prior to any clearing activities.

- Due to the presence of the Tri-colored Bat (TCB) and pending USFWS restrictions, clearing activities shall not occur between April 1 and July 31. Contractor shall notify the engineer immediately regarding any issues with this restriction as approval will need to be granted from the USFWS.
- Contractor shall review tree protection measures as indicated on the plans which include tree protection fencing, rigid matting, and root pruning. See EC Sheets for location of fencing and matting, and Detail EC-28 for root pruning requirements. Where root pruning is required per Detail EC-28, Specification Section 02275, Paragraph 3.1.C.5 also applies.
- Prior to construction, Contractor shall schedule a field meeting with OWASA, M&C, NCBG, UNC, and the Town of Chaple Hill to discuss project requirements.
- Work hours are limited to 7am to 7pm, Monday through Friday. Any request for work outside of the project approved working hours will need to be communicated to the Engineer and approved by OWASA.
- Staging of personal or construction vehicles, equipment or materials is not permitted along the access route. These items need to be located inside the LOD or at an offsite storage yard obtained by the Contractor at no additional cost to the project.
- Fuel and oil containers 55 gallons or greater are required to be stored and inspected according to the UNC SPCC Plan. Refer to Appendix C in the Specifications.
- Access for public services shall be maintained at all times, including but not limited to, buses, trash collection, emergency vehicles, mail, etc., even when roadways are closed to “Thru Traffic”, as specified on the traffic control plans included in the Bidding Documents.
- 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.
- Bidders shall note the specific Class B rip rap requirements allowed for restoration.
- Maintaining access to facilities surrounding the project area will be required at all times. Coordination with these facilities will be required during construction.
- Refer to Note 18 on Sheet G2 for maintaining use of temporary facilities on the project site.
- It is the Contractor’s responsibility to prepare accurate record drawing information per the requirements of the specifications (red-lined drawings).
- Bidders should note the sanitary sewer pipe shall meet water main standards and be hydrostatically tested where pipe is installed within the Zone 2 buffer (50 feet from top of bank) (refer to the bid form for applicable quantity).
- Contractor shall maintain sanitary sewer service throughout construction. Contractor’s bypass pumping plan shall be submitted and reviewed by the Engineer prior to construction.

- The stainless steel aerial crossing of Morgan Creek required a flood model to maintain the designed pipe diameter. Contractor to provide planned profile for installation of the stainless steel aerial pipe as a shop drawing submittal for Engineer review and approval of maximum and minimum allowable slope. Refer to Sheet C2, and associated Note 2.
- Bidders shall review Note 6 on Sheet C2 to understand required construction sequencing for installation, testing, and certifications for installation of MH 12.
- Bidders are to contact Jacob Bowes (jbowes@mckimcreed.com) if there are technical questions regarding the plans and specifications. For general bidding questions, please contact Karen Mattingly (kmattingly@mckimcreed.com). All questions must be submitted in writing. Questions received less than three (3) days prior to the date for opening of Bids may not be answered. This will be clarified in the project documents with an addendum.

Comments and Bidder Questions:

- Bidders shall review allowable seed mixtures identified in Detail EC-27 on Sheet EC7.
- Bidders shall review Note 17 on Sheet G1 and Note 4 on Sheet C3 for connecting to the existing sewer on the upstream portion of the project.
- **Question:** Will access from Bartram Drive be the Contractor's responsibility to maintain?
Answer: The Contractor shall maintain the Bartram Drive access within the LOD as shown on the Drawings. Refer to the Specifications and Notes on the Drawings regarding Contractors' use of Bartram Drive and other roadways that may be utilized to access the outfall.



ORANGE WATER AND SEWER AUTHORITY (OWASA)
MORGAN CREEK INTERCEPTOR REPLACEMENT - PHASE 1 (OWASA CIP NO. 276-59)
PRE-BID MEETING
January 10, 2024

SIGN-IN SHEET

| <u>Name</u> | <u>Organization</u> | <u>Phone Number</u> | <u>Email</u> |
|----------------|------------------------|---------------------|----------------------------------|
| Jacob Bowes | McKim & Creed, Inc. | (919) 600-9947 | JBowes@mckimcreed.com |
| Michael Penny | McKim & Creed, Inc. | (919) 441-1014 | MPenny@mckimcreed.com |
| Haydon Curry | McKim & Creed, Inc. | (919) 233-8091 | HCurry@mckimcreed.com |
| Andre Miller | OWASA | (949) 273-9775 | AMiller@owasa.org |
| Bryant Welch | Hobas Pipe | (919) 592-5668 | bwelch@hobaspipe.com |
| BLAKE WHEELESS | SANFORD CONTR | (919) 935-7355 | BWHEELESS@SANFORDCONTRACTORS.COM |
| BOBBY HELMAN | GODWIN PUMPS / XYLEM | (919) 703-7623 | ROBERT.HELMAN@XYLEM.COM |
| Walter Haynes | United Rentals Fluid | (919) 921-2064 | wHaynes@ur.com |
| Jacob King | Moffett Pipe Inc. | 919-295-4630 | Bids @ moffett pipe.com |
| Tim Hogan | JF Wilkerson | 919 501 6597 | tim.e.jf.wilkerson.com |
| JD Swann | Hackett Associates INC | 336-768-2291 | JDSwann@Hackett.ai.com |
| Robbie Raynor | PARK CONSTRUCTION | 919-323-1581 | braynor@parknc.com |
| Brud Keeley | Moffatt Pipe Inc | 919-295-4630 | B.Keeley@MoffattPipe.COM |
| Take Ladd | Thalle Construction | 919-475-7371 | aladd@gmail.com |

Name

Organization

Phone Number

Email

Tyler Berryhill

Hunter Contracting

(336)-213-7245

tyler@huntercontractingnc.com

Certificate of Coverage

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF ENERGY, MINERAL, AND LAND RESOURCES

GENERAL PERMIT NO. NCG010000

NC Reference No. NCG01-2023-3720
Certificate of Coverage No. NCC233720

STORMWATER DISCHARGES

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provision of North Carolina General Statute 143-215.1, other lawful standards and regulations promulgated and adopted by the North Carolina Environmental Management Commission, and the Federal Water Pollution Control Act, as amended,

Orange Water and Sewer Authority

is hereby authorized to discharge stormwater associated with CONSTRUCTION ACTIVITIES to surface waters of North Carolina from a site located at:

Morgan Creek Interceptor Replacement Phase 1
Bartram Dr
Chapel Hill
Orange County

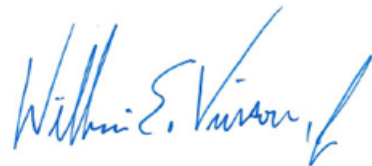
in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in N.C. General Permit No. NCG010000.

This Certificate of Coverage is affiliated with **E&SC Plan Project No.** ORANG-2024-004

This Certificate of Coverage shall become effective 12/18/2023.

This Certificate of Coverage shall remain in effect until rescinded or expired.

This Certificate of Coverage will expire on the anniversary of its effective date unless it is renewed by payment of the annual administration and compliance fee.



William E. Vinson, Jr., PE, CPESC, CPM, Interim Director
Division of Energy, Mineral, and Land Resources
By the Authority of the Environmental Management Commission