

Carrier Bridge Pump Station (Pipeline River Crossings)

Metropolitan Sewerage District of Buncombe County
Asheville, North Carolina

ADDENDUM NO. 1

February 21, 2025

TO: All Official Plan Holders

This Addendum is part of the Bidding Documents and the Contract Documents and modifies the original Bidding Documents dated January 22, 2025 as indicated below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification for award of the associated Contract.

This Addendum consists of 5 pages and the attachments, if any, listed on the last page.

CHANGES TO PRIOR ADDENDA

None.

CHANGES TO INTRODUCTORY INFORMATION

None.

CHANGES TO BIDDING REQUIREMENTS

None.

CHANGES TO CONTRACTING REQUIREMENTS

None.

CHANGES TO SPECIFICATIONS

None.

CHANGES TO DRAWINGS

None.

CLARIFICATIONS

Below are questions posed by perspective bidders and the Owner/Engineer's responses to each.

1.1. What is the Engineers Estimate?

Response: That information is not available.

1.2. Who is responsible for Survey?

Response: The Contractor is responsible for construction survey.

1.3. What is the expected elevation / height of each cofferdam?

Response: The drawing profiles provide information.

1.4. What are the limits of the bank stabilization? LODs or just disturbed areas?

Response: Disturbed areas

1.5. Per discussion of GeoTech report showing no rock at Boring B-10 (Biltmore side of 60"), is it the engineer's opinion that rock will be encountered at relatively shallow depths at both crossings for the entire width of the crossing? If not please advise how straps should be anchored if rock is in fact not present.

Response: No interpretation is provided beyond the Geotechnical Report. Straps, anchored into rock, are required along the entire length per the drawings.

1.6. Please quantify flood recovery bid item.

Response: Refer to Specification Section 01 22 00, Paragraph 1.4.H. The quantity of 2 listed in the Bid Schedule is only an estimate. Contractor will be paid the unit bid price for each qualifying event.

1.7. How deep is the water, including the sediment depth, where the dam(s) will be placed?

Response: Water depth varies throughout the year. The 100-year flood elevation is provided on the drawing profiles.

1.8. What is the flow rate (if any) of the water where the dam(s) will be placed?

Response: Water flow rate varies throughout the year.

1.9. What is the makeup of the water floor (rocky, sandy, muddy, etc.)?

Response: No interpretation is provided beyond the Geotechnical Report.

1.10. Section IV: Proposal page VI-2. There is no space indicated for the attestation or seal for corporations on the signature page of the proposal. Are these items still required, and if so, where should they be placed?

Response: The proposal does not require a corp. seal. Feel free to include one in the open space.

1.11. Section III: Instructions to Bidders page III-5. Are only subcontractor and supplier client references and completed projects similar in nature required to be submitted with the proposal, not those of the bidder?

Response: Similar job experience and references will apply to the contractor performing the work (installer of coffer dam and or pipe). If bidder is not performing any of the work, this will not be required from the bidder.

1.12. Section III: Instructions to Bidders page III-5 Inside which envelope should the list of subcontractors and suppliers with accompanying projects list and references go in the bid?

Response: Per bidder instructions, A sealed smaller envelope containing the proposal and Schedule of Estimated Quantities and Bid Prices and marked on the outside "PROPOSAL". This envelope should also contain the project name and the name, address, and license number of the bidder. Attached to the proposal shall be the appropriate MBE form(s). All other forms shall go in the outer envelope, including the proposed coffer dam design showing layout, plan and sections, and general materials. No calculations are required to be submitted.

- 1.13. Will Contract time be extended if Cofferdam submittal approval is delayed beyond the 90 day period mentioned at the prebid?
- Response:** This should not occur but delays for review will be honored day for day.
- 1.14. Sheet 01C510 of the plans provide a detail for tree planting. Is planting part of the scope of this work? If so, please provide a planting schedule.
- Response:** MSD will be responsible for replacement of trees for this portion of the project.
- 1.15. Has an Equipment Storage location outside of the 100 Year Floodplain on the Biltmore side of the 60" GS work been identified?
- Response:** Language for this has been included in the access agreement with Biltmore. This agreement is being finalized.
- 1.16. Are there CAD files available for this work?
- Response:** CAD files, in Civil 3D format, will be provided to the selected Contractor following contract award.
- 1.17. We respectfully request a two-week extension of the bid submission deadline from February 27, 2025, to March 12, 2025.
- Response:** No extension is provided.
- 1.18. What alternative cofferdam methods are approved due to the presence of shallow bedrock?
- Response:** Contractor is responsible for design of cofferdam.
- 1.19. Can MSD provide CAD files with updated topographic and elevation data post-storm?
- Response:** These files are not available. Spot elevations were performed post-storm and indicate no significant changes at the crossings.
- 1.20. Are there any post-storm survey results available to confirm changes in existing grade elevations?
- Response:** These files are not available. Spot elevations were performed post-storm and indicate no significant changes at the crossings.
- 1.21. Is the contractor responsible for field verification of existing elevations, or will MSD provide an official updated survey?
- Response:** Contractor is responsible for construction survey.
- 1.22. Is it possible for the contractor to fly survey drone at the project location for both crossings, and if so, what are the requirements for site access?
- Response:** Owner does not have authority to provide or deny this approval.
- 1.23. What are the minimum specifications and placement requirements for floating navigation aids and solar-powered warning lights?
- Response:** Regulatory Agency requirement did not specify. Assume a minimum of 5 each for each of the 4 cofferdam setups.
- 1.24. Do navigation buoys need to be Coast Guard-approved, or are standard warning markers sufficient?

- Response:** They do not need to be Coast Guard approved.
- 1.25. Are there any specific river traffic restrictions during active construction hours?
- Response:** No restrictions if 45% of the river width is open to river traffic.
- 1.26. Are additional filtration methods required beyond silt bags?
- Response:** Water leaving the construction site must meet turbidity limits specified.
- 1.27. Is water quality testing mandatory before discharging into the French Broad River?
- Response:** There is no mandatory testing specified; however, it is the Contractor's responsibility to meet discharge limits and therefore Contractor should perform any tests they determine needed to ensure compliance.
- 1.28. Are there any other regulatory agencies beyond USACE that will have authority over the project, particularly in relation to waterway modifications, floodplain management, or environmental compliance?
- Response:** Appendix B in the Construction Documents Project Manual provides the regulatory agencies that have reviewed and approved the project. Owner is currently obtaining approval from the City of Asheville and from the State related to sediment and erosion control and construction of the sewer pipes.
- 1.29. Are there any additional coordination requirements with USACE beyond the Section 10/404 permit, such as site inspections, compliance reporting, or construction impact monitoring?
- Response:** Contractor is responsible for self-inspections, recordkeeping and reporting related to sediment and erosion control inspections, refer to Drawing 01C508. All other requirements are included in the notes on Drawing 01C504.
- 1.30. If unforeseen regulatory conflicts arise between USACE, state agencies, or local floodplain management authorities, how should the contractor proceed with obtaining approvals?
- Response:** Owner will assist with unforeseen regulatory conflicts should they arise.
- 1.31. Please provide the voltage and wire gauge size of the Light pole to be relocated as noted on Sheet 01C301, Note 12.
- Response:** Voltage and wire gauge size are unknown.
- 1.32. What is the anticipated condition of the sites at the time of project start? Will French broad river park be seeded? Is French Broad or Carrier Park expected to be open while construction is taking place or will they remain closed?
- Response:** French Broad Park will remain similar to the condition of the site visit. French Broad Park will remain closed. Carrier Park is partially open. The City of Asheville has given us permission to close off/fence the construction site. All areas will be required to be restored to existing conditions. Biltmore, Carrier Park, and Amboy Rd will require establishing ground cover (seeding, straw, etc.).
- 1.33. For light pole to be relocated per sheet 01C301- Please provide conductor secondary size, connection at existing pole location (re; hand hole or secondary pedestal), does owner want service conductor in conduit and if so, what size?
- Response:** Conductor secondary size and connection at existing pole are unknown.

1.34. Request to extend bid date 2 weeks to provide subcontractors time to review Addendum and prepare quotes.

Response: No bid date extension will be provided.

1.35. The geotechnical report provides only two borings within the river crossing alignment, limiting the available data on bedrock depth, continuity, and quality. Given the potential for variable rock elevations, sloping bedrock surfaces, and differing excavation conditions, we request clarification on the following:

A. What assumptions were made regarding rock elevation and competency between borings, and how were interpolations determined for areas without direct subsurface data?

Response: No assumptions or interpretations were made beyond the Geotechnical Report.

B. Has a geotechnical variability analysis been conducted to assess the risk of encountering significant deviations in rock elevation or hardness across the trench alignment?

Response: No analysis has been conducted.

C. Is the contractor expected to carry contingency measures (e.g., additional excavation, blasting, or modified dewatering strategies) for unanticipated rock variations, and how will compensation be handled if significant deviations are encountered?

Response: No additional compensation will be made beyond the unit prices.

D. What level of bedrock exposure or verification testing is required before proceeding with excavation and trenching, and who is responsible for approving field adjustments based on unforeseen conditions?

Response: No verification testing is required. No field adjustments will be made.

E. Would the Engineer consider providing additional borings, geophysical surveys, or other means of confirming subsurface conditions to reduce the uncertainty and mitigate construction risk?

Response: No additional information is available beyond the Geotechnical Report and no additional data will be collected.

ATTACHMENTS

The items listed below and bound following this document's "End of Addendum" designation, are part of this Addendum.

1.36 Pre-Bid Walkthrough Meeting Summary

1.37 Biltmore Code of Conduct

END OF ADDENDUM NO. 1



Meeting Summary

Project:	Carrier Bridge Pump Station – River Crossings
Subject:	Pre-Bid Walkthrough
Date:	Thursday, February 06, 2025
Location:	River Crossing Sites
Attendees:	See attached sign-in sheet

1. MSD welcomed attendees and explained some provisions of the Contract.
 - a. MSD will remove trees to within 3-feet of the ground at all sites except on the Biltmore property. Contractors will be responsible for other stump and tree removal.
 - b. Access to the site on the Biltmore property is shown on the Drawings. Several improvement or mitigation activities are required and are shown on the Drawings.
 - c. The access road crosses next to an active shooting range. Guests at the range have ear protection and Contractors should be cautious with trucking activities.
 - d. The wooden bridge on the access road will require a temporary bridge overtopping the existing structure.
 - e. A general layout, plan and section, of the coffer dam design and description of materials shall be submitted with the bid. Do not submit calculations. This will be submitted to the Army Corps of Engineers (USACE) for review. The coffer dam design will not be a factor in selection of the lowest responsive bidder. USACE will review and approve of the coffer dam design prior to construction beginning.
 - f. A pre-construction mussel survey is required. MSD will provide the survey; however, Contractors should take the requirements into their construction schedule.
2. The group toured the Biltmore property side of the upstream (60") crossing.
 - a. A pre-blast survey is required in this area.
 - b. Rock removal is included within the lump sum cost.
 - c. Contractors are limited to access within the Biltmore property. This should be accounted for in schedules.
3. The group toured the French Broad River Park side of the downstream (dual 36") crossing.
 - a. Contractors have access to the park via the TCEs and access roads shown on the Drawings.
 - b. Contractors are allowed to restrict access to their construction site and access roads as required.
 - c. Detours for pedestrians will be required on the Lyman Street side of the crossing. These are detailed in the Drawings.
4. Questions

- a. **Q:** Have elevations and flow rates in the French Broad River been verified post-storm? **A:** The ground elevations were spot checked and no significant changes were noted. There is no additional information on flow rates post-storm.
- b. **Q:** Are there limits on in-stream activities? **A:** The only limitations are those indicated in the Contract Documents.
- c. **Q:** What is required for the Builder's Risk policy? **A:** The requirements for the Builder's Risk policy are outlined in the Div 00 specifications.
- d. **Q:** Will the Army Corps of Engineers review create additional restrictions or design considerations? **A:** The only restrictions with relation to the coffer dam design are those already indicated in the Contract Documents.
- e. **Q:** Will the Owner delay the Notice to Proceed (NTP) to account for the USACE review of the coffer dam design? **A:** The NTP will not be delayed to account for USACE review. The 450-day construction time accounts for USACE review.
- f. **Q:** Is there a location within the Biltmore property to store equipment out of the 100-year flood plain? **A:** MSD will discuss with Biltmore.
- g. **Q:** Is there a cutoff date for questions? **A:** Questions will be accepted until 1 week before the bid, 2 PM EST on Thursday, February 20th.
- h. **Q:** Will the Owner consider a contingency for the flood recovery line item in lieu of a lump sum unit price? **A:** The flood recovery line item will remain a lump sum unit price.
- i. **Q:** Will the coffer dam design require the seal of a Professional Engineer in North Carolina? **A:** Yes, an NC PE seal will be required.
- j. **Q:** Is there a place to haul spoils? **A:** Spoils cannot be disposed of or permanently stored on site. Spoils may be temporarily stored on site prior to incorporation into the work or disposal. Disposal of spoils will be the responsibility of the Contractor.

Metropolitan Sewerage District of Buncombe County, NC

Carrier Bridge Pump Station – Pipeline River Crossings

Project No. 2019045

Pre-Bid Meeting

February 6, 2025 @ 10:00 AM

Sign In Sheet

(Please print legibly)

Name	Company Name	Contact Number	E-mail
Matt Shultz	HDR	704-338-6588	matthew.shultz@hdrinc.com
Nelson Heringer	HDR	704-449-1384	nelson.heringer@hdrinc.com
Darin Prosser	MSD	828-225-8280	dprosser@msdbc.org
Mike Presley	MSD	828-225-8266	mikep@msdbc.org
Kevin Lesley	MSD	828-225-8288	klesley@msdbc.org
Vince Helton	Biltmore Estate	828-777-9356	vhelton@biltmore.com
Koby Russell	TPH Plumbing	828-450-4878	koby@tphowards.com
Danny Dash	TPH Plumbing	828-628-1369	dannyd@tphowards.com
Josh Redden	TPH Plumbing	828-628-1369	josh@tphowards.com
Jacob Howard	TPH Plumbing	828-628-1369	jacobh@tphowards.com
Eric Martin	Haren Corps	423-506-8689	emartin@harenconstruction.com
Nick Freeman	Morgan Corp	864-706-9025	nfreeman@morgancorp.com
Kyle Buchanan	Morgan Corp.	307-253-0882	kbuchanan@morgancorp.com
Jacy Kirkpatrick	Thalle Construction	336-214-3751	jkirkpatrick@thalle.com
Monte Beasley	Ruby-Collins	470-515-4271	estimating@ruby-collins.com
Eric Sims	Teraflex Group	813-263-3222	esims@teraflexgroup.com
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Andy Jayne	Fortiline	828-277-8510	andy.jayne@fortiline.com

BILTMORE®

CONTRACTOR CODE OF CONDUCT

In order to preserve and protect Biltmore property, employees and guests, Metropolitan Sewer District team members and subcontractors (“MSD Team Members”) working at Biltmore must adhere to the following guidelines. Persons not adhering to these guidelines may be removed from the property access list at Biltmore’s sole discretion. Thank you for your cooperation.

- Crews must be limited to MSD Team Members only; unauthorized persons will not be permitted. No guests are to be invited onto the property.
- MSD Team Members will be expected to drive with caution and follow all posted traffic signs and speed limits. Some roads are one-way; for everyone’s safety all drivers must follow the direction of traffic.
- MSD Team Members are expected to drive straight to and from the work areas. Exploring the Estate by foot or vehicle is not permitted.
- All vehicles must park in designated parking areas. Parking on paved roads or blocking roads is not permitted.
- MSD Team Members are expected to display courteous, professional behavior at all times, but especially in the presence of Biltmore employees and our guests. Profanity and lewd behavior will not be tolerated.
- Consistent with Biltmore employee guidelines, a dress code is enforced when working at Biltmore. MSD Team Members are expected to wear long pants or long shorts. Shirts must be collared or plain T-shirts with no graphics or logos other than MSD or contractor logo wear, particularly when working in guest areas. Shirts and shoes must be worn at all times -- no exceptions. Biltmore in its sole discretion determines what is appropriate and permissible attire.
- Work sites must be kept tidy and safe at all times. All trash must be removed from the property for disposal. Due to abundance of wildlife, garbage cans must have secure lids and be emptied regularly. Burning trash and dumping are not permitted. The site must be left in clean condition upon departure.
- Fishing, wading, and swimming is not permitted in any estate water including the Lagoon, rivers, Bass Pond or Long Valley Lake. Access to the Swannanoa River is limited to the job function for this project.
- Smoking and e-cigarettes are not permitted in guest areas or in any building. Alcoholic beverages may not be consumed on property. Illegal substances and firearms are prohibited.
- MSD Team Members must ensure all equipment is stored securely. Biltmore is not responsible for lost or stolen property, materials or equipment.
- In instances of severe injury or emergency, call 911 first, then notify Biltmore Company Police at 828-225-1234. For non-life threatening incidents, call 828-225-1234. Biltmore security staff will alert EMS, Fire Department, etc. if needed and ensure help is on the way as quickly as possible.
- MSD team members must comply with all OSHA regulations.
- Please direct any questions to:

Vince Helton – 828-777-9356