

ADDENDUM #1
June 18, 2025

Middletown Junction Wellfield Development

8 PAGES TOTAL

This Addendum No. 1 is issued to make certain revisions, additions, and clarifications to the original Contract Documents and shall be incorporated into the bidding documents. This Addendum takes precedence over any and all information previously issued. No other revisions to the Contract Documents are to be inferred.

SECTION 00 10 30 – BID FORM

1. **DELETE** the Bid Form and **REPLACE** with the attached Bid Form.

SECTION 00 80 10 – SUPPLEMENTAL CONDITIONS

1. **DELETE** the following sentence in its entirety from the bottom of Page 3
“Paragraph 5.06 – Property Insurance – shall be DELETED in its entirety.”

SECTION 01010 – SUMMARY OF WORK (Permits)

1. **Delete** paragraph 1.12.C and 1.12.C.1

SECTION 026700-7 – WATER WELL, PUMPS AND MOTORS

1. Page 02670-6, in the table contained under Paragraph 2.03 **CHANGE** Maximum RPM at Design Conditions for all three well pumps from 3,600 to 1,750.

DRAWINGS

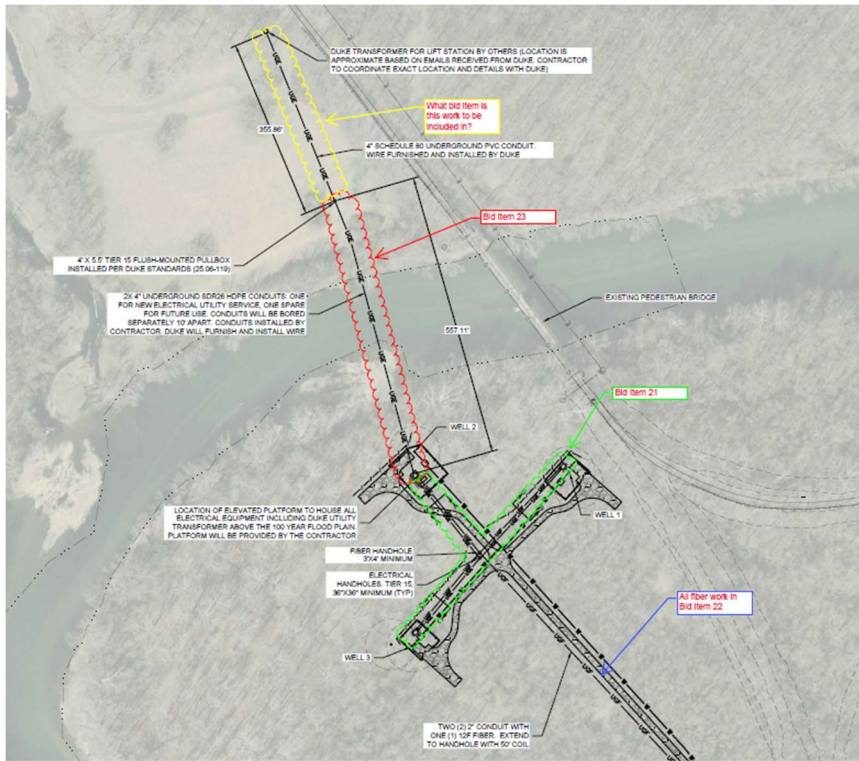
1. Sheet 3C1, Page 14 – **CHANGE** the Typical Water Meter Vault Layout to eliminate the sump pit as shown and instead provide a 24"x24"x3" deep shallow sump in the floor slab along the wall, next to hatch, and below the electrical outlet. The floor slab shall be solid and not open to the below subgrade.
2. Sheet 3E1 and 3E2, Page 25 and 26 – **ADD** the following General Note:
"6. SUMP PUMP PROVIDED BY OWNER."
3. Sheet 2Y5, Page 9 – **DELETE** the following note:
"4-INCH SCHEDULE 80 UNDERGROUND PVC CONDUIT BY OWNER. WIRE FURNISHED AND INSTALLED BY DUKE."

QUESTIONS

1. **Question:** The "Typical Water Meter Vault Layout" shown on page 14 shows a water sampling station and refers to a detail on sheet 4Y1. However there is no detail on 4Y1. Please provide this detail as well as the model number associated with the sampling station. **Response:** *Sample stations shall be as specified in Warren County Standard Detail W-23, which is included with this Addendum as EXHIBIT A.*
2. **Question:** The "Typical Water Meter Vault Layout" shown on page 14 shows a sump with no bottom that drains naturally through a crushed stone base. However, the "Well Platform PW-1 (2 & 3) – Electrical Plan View" on Sheet Nos. 3E1 and 3E2 shows a sump pump plugged into a receptacle to be installed in the vault. Please clarify if a sump is required and if this is a future or owner-furnished item. **Response:** *Refer above to Drawings Section comments 1 and 2.*
3. **Question:** Is there a Geotechnical report for the Middletown Junction Wellfield Development project? **Response:** *The Technical Memoranda prepared by Terran Corporation containing details of the wells, screens, borings, and ODNR Well Drilling Reports are included with this Addendum.*
4. **Question:** In regards to the clearing work for the site, are we permitted to remove the root balls and leave them on site outside of the roadway limits? **Response:** *Yes, root balls may shredded and the shavings disposed on site or they can be moved and scattered throughout the old growth woods to decompose at locations as directed by the Owner.*
5. **Question:** Can the County award this project if the low bid is over 20% of the estimated contract value? **Response:** *No, the County may award to an upper limit 20% above the Engineer's Opinion of Probable Cost.*
6. **Question:** Reference Specification Section 00 80 10, page 3. The Property Insurance (a/k/a) builder's risk insurance requirement has been deleted. Is the Owner providing

this insurance? **Response:** *This insurance is required. Refer above to Specification changes to Section 00 80 10.*

7. **Question:** As per spec section 02110, paragraph 3.01 we are to only remove trees and brush where shown on the drawings. There are no tree clearing limits shown on the drawings. Please provide the tree clearing limits. **Response:** *Clearing and grubbing shall be sufficient to complete construction of the project as shown on Sheets 2Y2 and 2Y3.*
8. **Question:** On sheet 7 at each of the 3 Valve vaults there is a partial black circle just outside the structure at the access hatch. Please advise if this is a pipe bollard or what we would need to include for this item. **Response:** *This is not a bollard but is a printing error with no work required.*
9. **Question:** The pipe bollard details on sheet 28 identify more than one type of bollard. Please advise which type of bollard is required (type1, type 2, etc.). **Response:** *Type 2 bollards are required.*
10. **Question:** Can you please verify in an addendum what pipe materials the 2" vent is to be that is shown off the top of the pitless adapters on Page 14? **Response:** *Refer to Specification 02670 2.03 D for vent material.*
11. **Question:** In Section 16495, 3.01 C, how should we clarify how much allowance we have included in our bid for this? **Response:** *Supply 5 days for the factory-trained service personnel to provide on-site field support.*
12. **Question:** Spec section 099000 – there is a list on the last page of this spec section. There isn't much to be called to be coated on the plans. Just trying to understand what the owner wants coated. All metals are called to be galvanized on the places and so I assume none of that gets coated. **Response:** *Paint is required on the piping/valves inside the valves vault. Vent pipe coating is called out in section 02670 2.03 D. Refer to 09900 for paint requirements.*
13. **Question:** The drawings do not indicate a CT Meter/CT cabinet on the drawings. Can we inquire on the location for the service? **Response:** *There is no CT Cabinet. Meter will be installed at the transformer location at platform PW-2.*
14. **Question:** When we were giving you recommendations for pump designs, you wanted to stay with 1,800 rpm. In specification section 02670.2.03.A. Pump Service Conditions, it states maximum RPMs as 3,600. In the same section, 2.03.F. Electric Motors, it shows the RPMs as 1,750. This needs to be clarified. **Response:** *The max RPM in section 02670 2.03 A should read 1,750 instead of 3,600.*
15. **Question:** I have a question about which bid item is to include the sch. 80 conduit on the opposite side of the Little Miami on the far end of the HDD section. Please see the yellow highlighted area in the image below. **Response:** *New line item for the yellow portion is included in the revised bid sheet. Conduit from Duke transformer to electrical handhole on north side of river. 356 ft and can be open cut. HDD length should be 557 ft.*



16. **Question:** Bid Item 17 on the bid form has a quantity of 2 but a unit of LS. Is the unit supposed to be EA? **Response:** Yes. *The Bid Form has been updated.*
17. **Question:** Bid item 13 lists 1210 LF of pipe. Our take off shows 1530 LF can this quantity be updated? **Response:** *The 1,210 listed on the Bid Form is the correct quantity.*
18. **Question:** Can spoils from excavations be left on site? **Response:** *Spoils may be wasted on site to a depth of no greater than 4 inches.*
19. **Question:** Please advise if the bike path can be closed during normal work hours during the day for safety reasons to the public. **Response:** *Bike path must remain open. Provide flagging staff for bringing equipment and materials on site.*
20. **Question:** Drawing No.9 (2Y5) has a note that says "4" Schedule 80 underground PVC conduit by Owner. Wire furnished and installed by Duke." Another note says that the same conduits will be installed by the Contractor. Please identify if there is a point where the Owner installs the conduits to and the contractor begins installation from that point. If this is the case who is responsible to tie the conduits together. Also, will there be any testing required for these conduits if installed by the contractor. **Response:** *Refer above to Drawing Section Item 3 for clarification.*
21. **Question:** Drawing 2Y3 PW-2 Enlarged Site Plan has a note "Bollards See Detail Sheet 4Y2" The leader arrow points to a spot but there is no Bollard designation. How many Bollards are at PW-2? It shows 6 each at PW-1, 2. **Response:** *Install three bollards. Location determined in field by Owner.*
22. **Question:** Drawing 3C1 at the Connection Detail, it shows a 4" steel light pole and calls out what I believe is a light fixture. Questions are 1) are there 3 each of these, and how

are they to be powered? We do not see where they get power on the E drawings.

Response: *These are support poles for the vent pipe. No lighting to be installed.*

23. **Question:** What is the expectation for the clearing and grubbing for the new drives? Are we able to cut down bigger trees and leave them there in the woods outside of the new drives? Are you expecting all bush / trees to be hauled away? Just want to make sure we quote what you are expecting for a final product. **Response:** *All logs and branches must be either removed from the site or chipped with the shavings spread across the site. Root balls maybe disposed on site as directed in Question 4.*
24. **Question:** Do you have records of how thick the stone base is under the existing bike path? Do you have records of how thick base and top course is on for asphalt on the bike path? **Response:** *This is an old railroad track. Thickness unknown.*
25. **Question:** Any idea when that existing 24" waterline was installed? **Response:** *The waterline was installed in 1994.*
26. **Question:** For the fiber optic, it appears the majority of this work is to be dug not bored. I wasn't finding the spec/detail on this. How deep does the trench need to be? Are we to cover the conduit with any gravel or just put the dirt back and reseed? **Response:** *Native backfill is acceptable. Plans state 24" depth for fiber.*
27. **Question:** Given that many of the areas around the wells are in bad shape and holding water, it leads me to believe that it will be very difficult to make a gravel road through those muddy and rutted areas. Is the well drilling company going to repair the damaged areas that are holding water that will be in the new roadway before we start work? **Response:** *The site conditions will be as is.*
28. **Question:** Is the third party testing to be by the contractor? Spec 01400-2, 1.04/D appears to read that way. **Response:** *An allowance items has been added to the Bid Sheet for material testing and specialized inspections.*
29. **Question:** "Is the owner responsible for decommissioning, fuel removal, treatment to fuel, recommissioning & testing? Also, do you have the weight of the generator so we can size the crane accordingly." **Response:** *Yes, These items are the responsibility of the contractor.*
30. **Question:** It is not clear where contractor work begins and ends for the directional drilling shown on 2Y5. Can you clarify what the contractor needs to cover? **Response:** *The HDD starts at the well site PW-2 where electrical comes up at the main platform and goes to the electrical handhole on the other side of the river.*
31. **Question:** It is not clear where contractor work begins and ends for the underground Fiber. Can you clarify what the contractor needs to cover? **Response:** *All underground fiber shown on the Yates and Wessler Drawings is the responsibility of the contractor.*
32. **Question:** The protective coatings specifications identifies all non-submerged miscellaneous metals to be painted. Please confirm that the grating and stair treads are to be painted. **Response:** *Metal platforms are constructed with metals that are hot-dipped galvanized, galvanized steel grating, and aluminum handrail. These item shall not be painted.*
33. **Question:** Confirm that repair of the bike path is in the base bid. We suggest setting up an allowance to cover the repairs or set up as a unit price item on the bid form. Also, please provide details of the existing bike path (cross section).? **Response:** *Contractor shall take necessary precautions to avoid damaging the existing bike trail. No*

allowance item is required as the protection and repair of the bike trail is the responsibility of the Contractor.

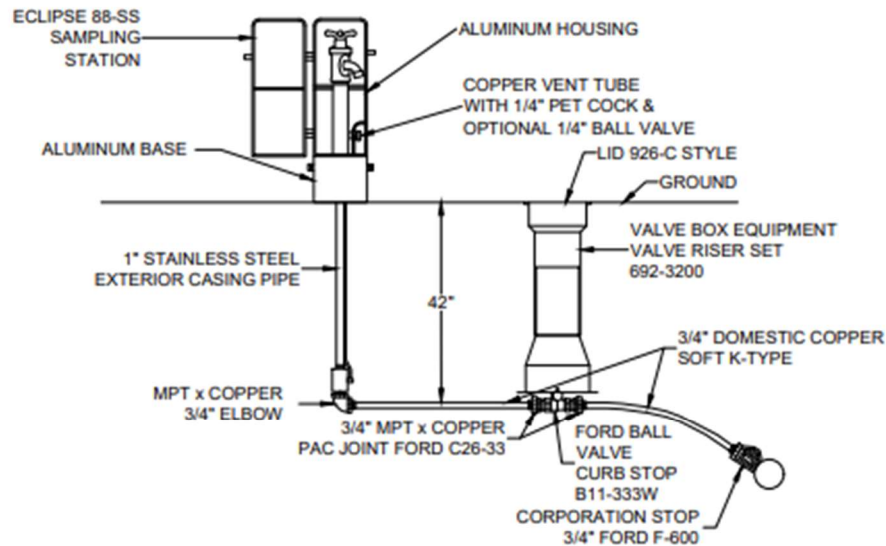
34. **Question:** What permitting fees will the Contractor be required to pay? **Response:** *Owner will apply and pay all permit fees.*
35. **Question:** Section 13400, Paragraph 1.03.A specifies that AECOM will serve as the SCADA Control System Programmer and provide the services at the Owner's request. Who is responsible for the cost of AECOM's services? **Response:** *The Owner will procure and pay for AECOM's services. The cost of the services shall not be included in the Contractor. Contractor shall only be responsible for coordinating with AECOM to complete the project.*

THIS ADDENDUM MUST BE SIGNED AND ATTACHED TO YOUR BID.

Acknowledged by

Date

EXHIBIT A



SAMPLING STATION TO BE REQUIRED ON EVERY NEW PLATTED SUBDIVISION.

SAMPLING STATIONS SHALL BE BURIED 42", WITH A 3/4" FIP INLET AND A (3/4" HOSE OR UNTHREADED) NOZZLE.

ALL STATIONS SHALL BE ENCLOSED IN A LOCKABLE, NONREMOVABLE, ALUMINUM CAST HOUSING.

WHEN OPENED, THE STATION SHALL REQUIRE NO KEY FOR OPERATION, AND THE WATER WILL FLOW IN AN ALL BRASS WATERWAY.

ALL WORKING PARTS WILL ALSO BE OF BRASS AND BE REMOVABLE FROM ABOVE GROUND WITH NO DIGGING. EXTERIOR PIPING SHALL BE BRASS OR STAINLESS STEEL.

A COPPER VENT TUBE WILL ENABLE EACH STATION TO BE PUMPED FREE OF STANDING WATER TO PREVENT FREEZING AND TO MINIMIZE BACTERIA GROWTH.

ECLIPSE NO. #88-SS SAMPLING STATION SHALL BE MAUFACTURED BY KUPFERIA FOUNDRY, ST LOUIS, MO 63102.

SAMPLING STATION

APPROVED/REVISED

MARCH, 2025

WARREN COUNTY STANDARD DETAILS
DEPARTMENT OF WATER & SEWER

STANDARD NUMBER

W-23

SECTION 00 10 30

BID FORM

Item	Description	Est Qty	Unit	Unit Price	Total Price
1	Mob., Demob., Bonds, and Insurance	1	LS		
2	Chain Link Security Fencing and Gates at Well Sites and Front Entrance	1	LS		
3	Wellfield Entry Gate (20' wide double gate, continuous arch, spear top)	1	EA		
4	Industrial Fencing, 8' Sections, Spear Top, 84" Tall, 6"x6" Posts	300	LF		
5	Crushed Stone Drive with Geogrid and Gravel with Geotextile at Well Sites	1	LS		
6	Security Cameras at Well Sites	3	EA		
7	Bollards Type 2	9	EA		
8	Seeding & Grading	1	LS		
9	Submersible Pump, Motor, & Drop Pipe	3	EA		
10	Pitless Adapter	3	EA		
11	8" Class 52 D.I. Water Main with fittings, glands, gaskets, restraints, and poly encasement	75	LF		
12	10" Class 52 D.I. Water Main with fittings, glands, gaskets, restraints, and poly encasement	600	LF		
13	12" Class 52 D.I. Water Main with fittings, glands, gaskets, restraints, and poly encasement	1,210	LF		
14	10" Gate Valve & Box	3	EA		
15	Precast Valve Meter Vault with Valves, Meters, Piping, Hatch, and Sample Station	3	EA		
16	Well Platform PW-2, Complete with Foundation, Stairs, Handrail, Steel Structure	1	EA		
17	Well Platform PW-1 & PW-3, Complete with Foundation, Stairs, Handrail, Steel Structure	2	EA		
18	Moving Generator for Revis & Installing on Middletown Junction	1	LS		
19	Electrical Compoments (Wire, VFD, MPZ, Disconnect Switch, Distribution Panel, ATS) - PW-2	1	EA		
20	Electrical Compoments (Wire, VFD, MPZ, Disconnect Switch) - PW-1 & PW-3	2	EA		
21	Underground Electrical Conduit and Wire between Wells	1	LS		
22	Conduit and Fiber from Revis to Well Platforms at Middletown Junction	1	LS		
23	Two 4-inch PVC Conduits from Duke Service to Electical Pull Box (North Side of River)	356	LF		
24	Two 4-inch HDPE Conduits Under River using Horizontal Directional Drill	1	LS		
25	Instruments and Control Panels (Programming provided by others)	1	LS		
26	H-3 Fire Hydrant Assembly	3	EA		
27	Clearing and Grubbing	1	LS		
28	Final Cleanup and Restoration	1	LS		
29	Allowance 1 - Clearing of Invasive Underbrush at Site in Areas as directed by Owner	1	LS	\$ 15,000	\$ 15,000
30	Allowance 2 - Material Testing	1	LS	\$ 25,000	\$ 25,000
31	Allowance 3 - Duke Energy Wire/Transformer Fee	1	LS	\$ 60,000	\$ 60,000
TOTAL BID					