

To: All Plan Holders of Record

From: CT Consultants, Inc.
For the Owner

Re: Addendum No. 1
WWTP Improvements - REBID
City of Sunbury

Date: December 2, 2024

This Addendum forms a part of the contract documents and modifies the original bidding documents dated November 2024 and all previous addenda, if any. Acknowledge receipt of this addendum in the space provided in the bid forms. Failure to do so may subject the bidder to disqualification.

BID FORMS

Replace Bid Form, Pages BF.14 & 15, with the enclosed Bid Form, Pages BF.14A & 15A

QUESTIONS AND ANSWERS

The “Questions and Responses” from the previous project of Sunbury WWTP Improvements bidding are attached.

PLANS

DRAWING 01C-02 – EXISTING SITE PLAN

Add Sketch-1 to show existing 30-inch sanitary sewer line to the Influent Pump Station

DRAWING 01C-05 – PROPOSED SITE PIPING PLAN

Add Sketch-2 to show existing 30-inch sanitary sewer line to the Influent Pump Station.

SPECIFICATIONS

SPECIFICATION 011100 – SUMMARY OF WORK

Change Paragraph 1.4 B. 3., first sentence to read as follows: “Series 10 - Influent Pump Station & Headworks Improvements. Demolition of the existing influent submersible pumps and installation of the new submersible pumps.”

Addendum No. 1

Date: December 2, 2024

Page 2

Change Paragraph 1.5 B. 1. c to read as follows: “The bypass pumping shall be established directly from the sanitary manholes, one with a 24-inch diameter sanitary sewer and the other with a 30-inch diameter sanitary sewer, to the 6-inch emergency line connection located in the valve pit.”

Add the following to Paragraph 1.5 B. 13. Series 80 – New Sludge Transfer Pump Station: “f. Do not need to maintain flow during construction.”

MS:br

Enclosures

H:\2021\21000706\SPEC\Rebid - Nov 24\Addenda\Addendum 01\Addendum 01.Doc

Ohio Department of Development

Water and Wastewater Infrastructure Program

Contract Provisions

Appendix II to Part 200—Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

In addition to other provisions required by the Federal agency or non-Federal entity, all contracts made by the non-Federal entity under the Federal award must contain provisions covering the following, *as applicable*.

(A) Contracts for more than the simplified acquisition threshold currently set at \$150,000, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.

(B) All contracts in excess of \$10,000 must address termination for cause and for convenience by the non-Federal entity including the manner by which it will be affected and the basis for settlement.

(C) Equal Employment Opportunity. Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of “federally assisted construction contract” in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, “Equal Employment Opportunity” (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, “Amending Executive Order 11246 Relating to Equal Employment Opportunity,” and implementing regulations at 41 CFR part 60, “Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor.”

(D) Davis-Bacon Act, as amended (40 U.S.C. 3141-3148). When required by Federal program legislation, all prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, “Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction”). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with the Copeland “Anti-Kickback” Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, “Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States”). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

(E) Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708). Where applicable, all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic

must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

(F) Rights to Inventions Made Under a Contract or Agreement. If the Federal award meets the definition of "funding agreement" under 37 CFR §401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

(G) Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended—Contracts and subgrants of amounts in excess of \$150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

(H) Debarment and Suspension (Executive Orders 12549 and 12689)—A contract award (see 2 CFR 180.220) must not be made to parties listed on the governmentwide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

(I) Byrd Anti-Lobbying Amendment (31 U.S.C. 1352)—Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.

(J) See §200.322 Procurement of recovered materials.

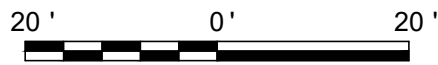
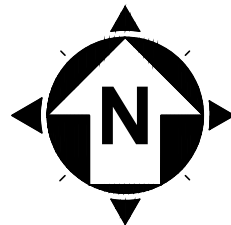
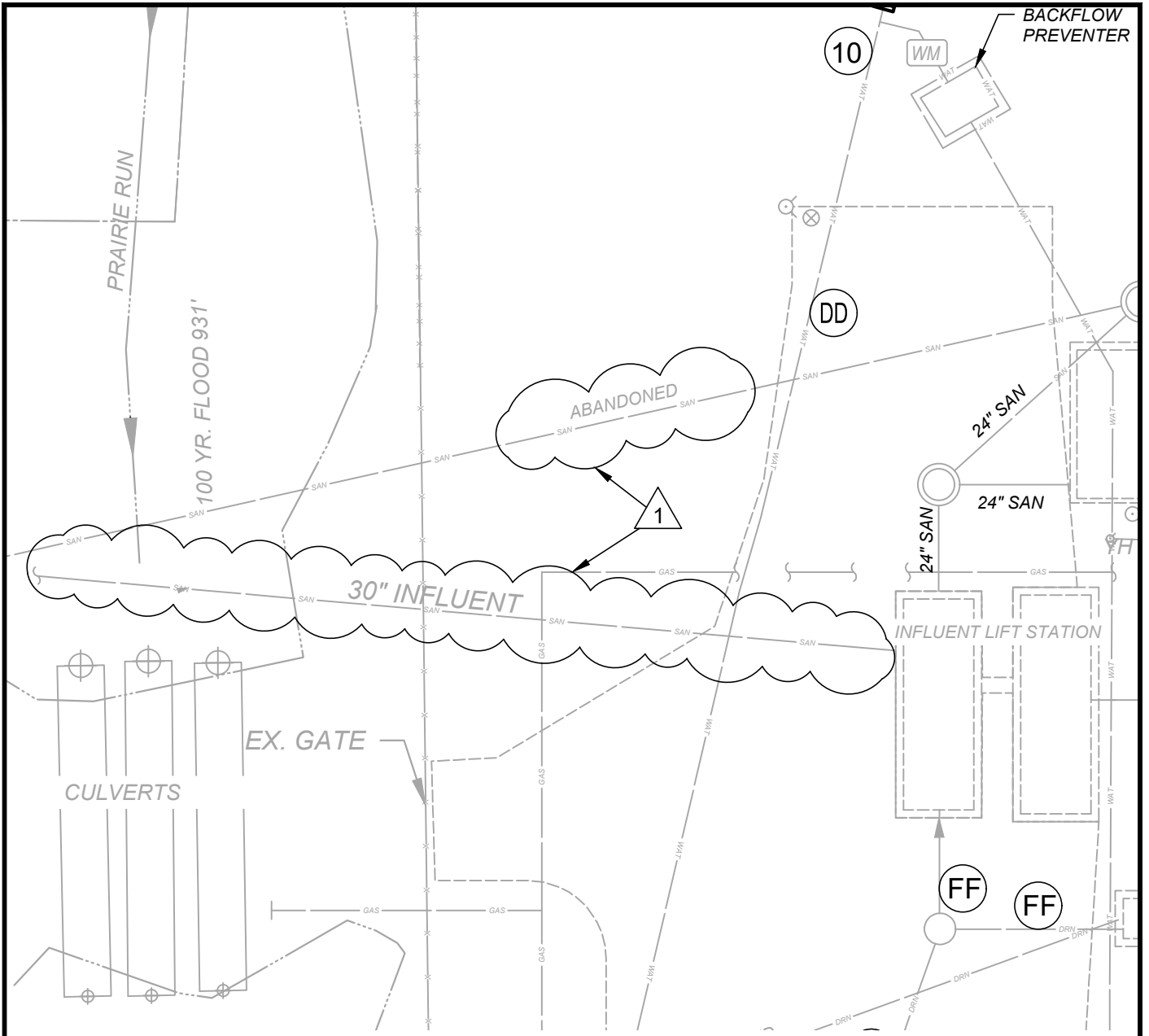
By submission of a bid for this project, we hereby agree to the above Contract Provisions as implemented in this Program.

Signature

Date

Title

Copyright - Nov 27, 2024 - 10:36am CT Consultants, Inc.
 Drawing name: C:\CT\CAD\Drives_H\2021\DWG\Sheets\c_21000706 ex site plan.dwg Layout: 01C-03 by: eibert



SCALE: 1" = 20'

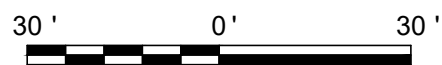
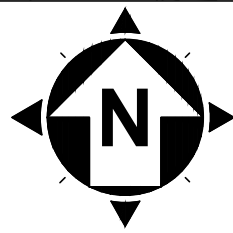
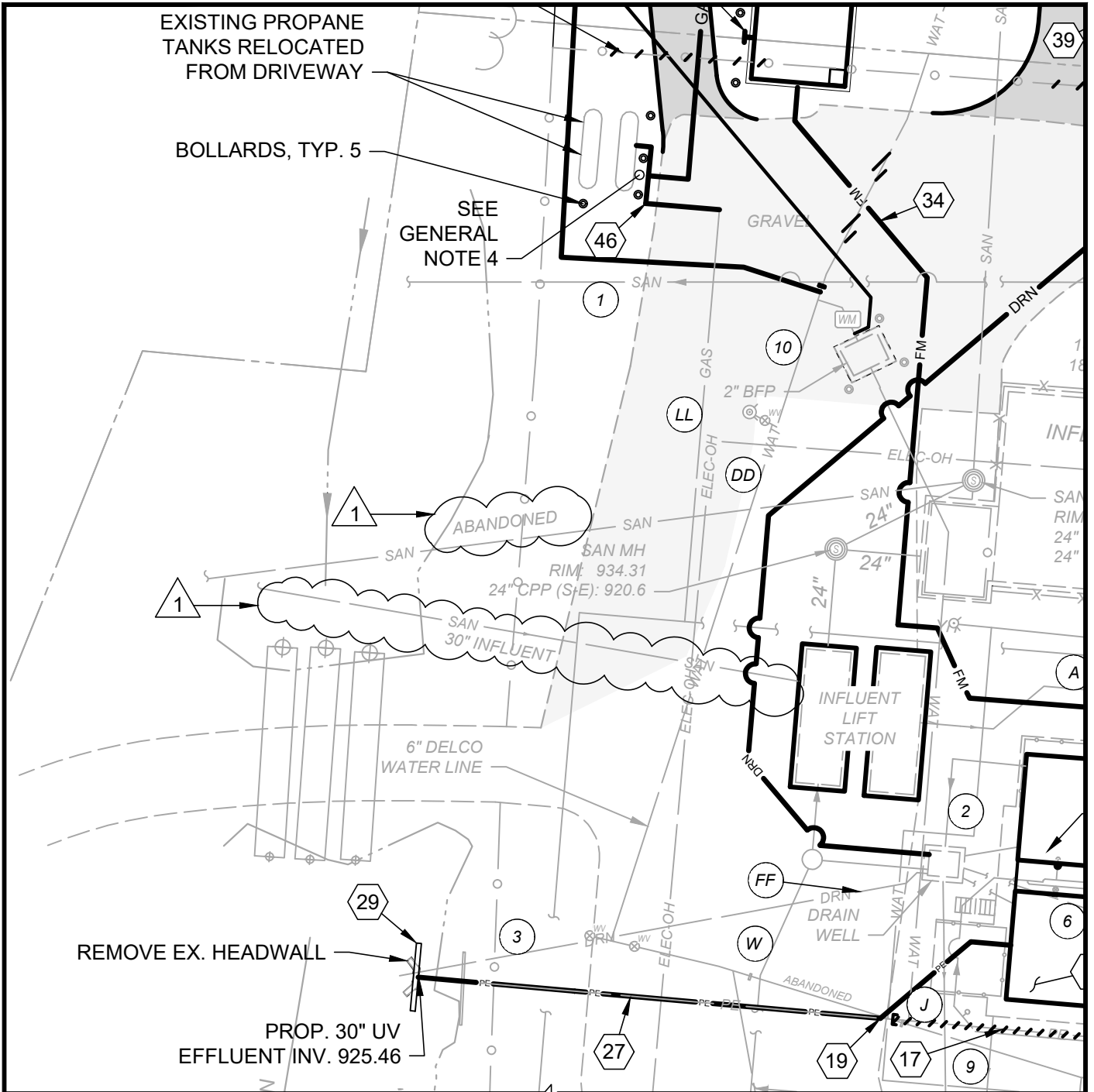
NOTE: THIS DRAWING SHALL BE CONSIDERED TO BE A CLARIFICATION OF SHEET 01C-02.



CITY OF SUNBURY
 WATER TREATMENT
 PLANT IMPROVEMENTS
 11/27/2024

SCALE	ADDENDUM	SKETCH
N/A	1	SK-1

Copyright - Nov 27, 2024 - 10:37am CT Consultants, Inc.
 Drawing name: C:\CT\CAD\Drives_H\2021\DWG\Sheets\c_21000706 - p & demo site plan.dwg Layout: 01C-05 by: elbert



SCALE: 1" = 30'

NOTE: THIS DRAWING SHALL BE CONSIDERED TO BE A CLARIFICATION OF SHEET 01C-05.






CITY OF SUNBURY
 WATER TREATMENT
 PLANT IMPROVEMENTS
 11/27/2024


SCALE	ADDENDUM	SKETCH
N/A	1	SK-2

BIDDERS QUESTIONS
AS OF 12/2/2024



BID OPENING 3:00 PM, FRIDAY, SEPTEMBER 25TH, 2024
END OF QUESTION PERIOD 3:00 PM, MONDAY, SEPTEMBER 19, 2024
LAST ADDENDA 3:00 PM, TUESDAY, SEPTEMBER 20, 2024


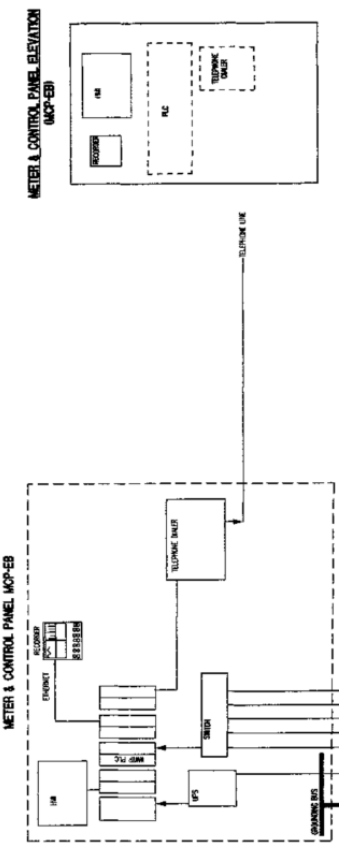
Date Received	Originator Name & Company	Specification/ Drawing Reference	Routed To	Question	Answer	Add #
08/22/24	Linda Don Ganegoda EDGENG 777 Westchester Ave., Suite 101 White Plains, NY 10604 914-205-8500 http://www.edgeng.com	464324	MS	Consider naming EDGENG as an approved Manufacturer in the specification OR approve us Equal Status on this Project per the specification sections of Section 46 43 24- FRP Weirs, FRP scum Baffles, FRP Baffle and FRP DCB.	Edgeng Engineering will be included into Spec. 46 43 24, Paragraphs 2.5 F. 5 and 2.6. I. 5, these changes will be included into Addendum 2.	ADD-2
08/22/24 8/30/24	Kelli Jamison Sales Engineer kelli@blanderson.com 513-889-4746 office 614-601-0051 cell 8887 Eagle Ridge Court West Chester, OH 45069	Section 432513	MS	<ol style="list-style-type: none"> We had to make some adjustments to the pump selections. We will be unable to meet the Max HP of 35 for the RAS pumps, ours is 44. The TDH is almost 10 ft higher than what we discussed. 1.2-B-4 calls for us to furnish and install 4 submersible pumps for tertiary pump station. Pump Schedule 3.7-B calls for 3 – pumps to be installed at Tertiary P.S. The plans suggest that its only 3 pumps as well. Can you get clarification the number of pumps? There is a drawing for a tertiary drain pump station, attached. I cannot find a spec section that references this. You have the VFDs as AB Power Flex, I would like to bid ABB ACQ580 drives, do you approve? On the blowers, would you be open to Kaeser's integral Siemens VFD? The spec lists "AB Powerflex or approved equivalent", but then continues with a separate location for the VFD. 	<ol style="list-style-type: none"> Change in Specification Section 432513 – Submersible Pump paragraph 3.7 C. RAS Pump Station Schedule to read "Max Motor Size: 45 HP." ADD-03. Change in Specification Section 432513 – Submersible Pump, paragraph 1.2 B. 4., first sentence to read: "Contractor shall furnish and install a total of three (3) submersible pumps for transferring flow from Tertiary Filters to Post Aeration." ADD-03. Shown on the drawing only. Refer to drawing 40D-06, Coded Note 1. Using ABB drives instead of Allen-Bradley should be fine as long as they can communicate via Ethernet/IP with whatever SCADA PLC we are using. The drive will be accepted as equal as long as the equipment supplied with the communication adapter capable of connecting to the communication network via the Ethernet/IP Protocol. ADD-3 	ADD-3
08/26/24	Carlos Cruzado Engineered Systems M: 440-665-0685 carlos@engineeredsys.com		Shirk O' Donnova n	<p>I am the product consultant for MST Rebar (GFRP Rebar) in Ohio. This is a nice improvement project for the water treatment plant in Sunbury. I was looking through the concrete reinforcement details. Has CT or Shirk O'Donovan considered using noncorrosive GFRP rebar for these reinforcement areas? Would this be something that would be accepted as a VE option equivalent to black bar or epoxy? https://www.mstrebar.com/why-mst-bar</p> <p>We would like to put together a cost proposal analysis on this project to share the savings and overall value to the project that a GFRP rebar system could provide. See attached information.</p>	Thank for presenting this product to us. Unfortunately, it cannot be utilized for this project as it does not meet the criteria for approval as a VE option and will necessitate a redesign.	-
08/26/24	Tina Lewis Estimator Spencer-Virnoche, Inc. P: 315-698-0171 ext. 115 F: 315-698-0054 C: 315-551-0640	Drawing 120A-03	DS	<ol style="list-style-type: none"> Is the Control Room (103) part of our scope? If so, what are the materials of the tabletops and what type and size base cabinets are they? Is there an elevation to get dimensions of the base cabinets in the Control Room? What is the color going to be for the countertops and casework going to be for the laboratory and Control Room on Drawing 120A-03? 	<ol style="list-style-type: none"> See revised sheet 120A-05 and Sketch-11. Plastic laminate countertop. Please see the interior elevation Sketch-11. Black countertops w/ gray casework 	ADD-4



08/26/24	<p>Chris Kushner ckushner@hpthompson.com M: (614) 512-1054 D: (513) 248-3222</p>	Spec 466600, parag.2.2 I. 3 50D-04 00G-01	MS	<ol style="list-style-type: none"> 1. Please note that the low-level sensor will be powered by the Level Control Panel (not the PDC) which in turn is powered by the PDC. Drawing 50E-01 (Sheet 171 of 179) shows the Level Control Panel. The spec needs to be adjusted to line up. 2. HWL = 936.09ft (Max Regulated)" → Trojan calculates maximum regulated as 936.21ft. 3. HWL = 936.36ft (Upstream) → Trojan calculates upstream as 936.39ft 4. 00G-11, correct water level accordingly to the comments above 	<ol style="list-style-type: none"> 1. Corrected via ADD-2 2. Corrected via ADD-2 3. Corrected via ADD-2 4. Corrected via ADD-2 	ADD-2
8/27/24	<p>Kevin Dills Senior Estimator 16380 US-224 East PO Box 390 Findlay, OH 45839 P:419-595-4020 D:419-595-4044 C:567-429-9419 F:419-595-4019  KIRK BROS. CO., INC. GENERAL CONTRACTORS</p>	New Spec 07 41 13. 16	DS	I had a question about the standing seam roofing over the sludge drying beds structure. Im only seeing a spec for insulated metal panels which are on a different building. I don't think those would be necessary over an open framed unit.	The insulated panel roofing only applies to the operations/administration building addition and renovations. Please see the new SECTION 07 41 13.16 – STANDING-SEAM METAL ROOF PANELS.	AD-4
8/28/24	<p>Kevin Dills Senior Estimator 16380 US-224 East PO Box 390 Findlay, OH 45839 P:419-595-4020 D:419-595-4044 C:567-429-9419 F:419-595-4019  KIRK BROS. CO., INC. GENERAL CONTRACTORS</p>	Dwg 120A-03	DS	<ol style="list-style-type: none"> 1. I have already requested a delay for the bid due to our bid schedule / workload but I feel the need to point out as well that Monday is labor day. We will lose a day leading up to the bid and subcontractors and suppliers are typically unwilling to give up their long weekend to work on quotes. This will likely lead to increased pricing that will drive the overall cost of the project up. When do you expect to decide on whether you plan to delay the bid or not? 2. Floor Plan 120A-03 is calling out 1.18, 1.19 where as Window Schedule 120-09 is only up to 1.17 (No 1.18, 1.19) on 120A-05 Elevations on East Elevation, doesn't match Floor Plan 120A-02. 3. Please Clarify if there are 1.7 and 1.8 Storefront Windows, and if so what A, B, C 	<ol style="list-style-type: none"> 1. Bid date has been extended to 9/13/2024 via Addendum 2. 2. See revised sheet 120A-05 and Sketch-11. 	ADD-4
8/28/24	<p>Nate Cox NACE Coating Inspector The Sherwin-Williams Company nathaniel.d.cox@sherwin.com Cell: 614.206.5015</p> 	-	DS	Sherwin-Williams coatings are already approved for the general paint coating section. Would you consider proposals for approved alternates for our systems in the High-Performance Coatings section as well?	Substitutions for High-Performance Coatings will be considered. Provide manufacturer's performance data for the alternate products for comparison to the performance data of the products listed in the specifications.	Q/A ADD-3
8/28/24	<p>Chuck Bubenheim ESTIMATOR C: (419)566-9690 O: (740)694-5525 ext. 510 cbubenheim@meadeconstructioninc.com</p>	-	DS	I have a question directed towards the specified roof insulation on this project. The section calls out for 25 psi XPS insulation, mechanically attached base layer with all remaining layers adhered. This type of insulation is not suitable for adhered systems. Would it be an acceptable change to use Type II class 2 Coated glass facer (CGF) Grade 3 (25psi) instead?	This substitution is acceptable.	Q/A AD-4


<p>8/28/24 8/30/24</p> <p>Mike Sikorski Plant Estimator Central Region 701-205-2359 Mike.sikorski@coreandmain.com</p> 	<p>Spec 402336-2.2 B.5</p>	<p>MS</p>	<ol style="list-style-type: none"> Can you confirm all buried DIP is to be restrained, (including straight run joints), as per 402336-2.2.B.5? Either with TR-Flex Joint or Field-Lok gasket? Is bid date still holding to 9/6? Confirm Bolt Nut and Gaskets for Buried and Flanged pipe to be per 402336, vs division 33 sections. 24" Tertiary Treatment FM to post aeration is called to be schedule 80 pvc. Can you confirm schedule 80 pvc and what you want for fittings? Would consider DIP or C900 with DIP fittings? Oxidation Ditch 1 & 2 Effluent, does it stay 18" at the structure per 20D03 or upsize to 24" per site plan? Are "WV" water valves butterfly or gate valves? 01C-09 valve qtys. In notes don't match the plan Scum off SC #3, is it 4" or 6"? Is there a spec on wall sleeve coatings can they be prime painted? Valve schedule shows AD4-BV-01-7 and AD5 -BV-01-07 as 8" . (4" on plan). Where is valve RAS-PV-07 (14" MJ) on sheet 01C-06? Is it possibly the same valve labelled OXI-PV-06? 01C-06, are pipe and valves in Existing Meter MH Existing? RAS-PV-07 & 08 on Section A appear to be 10" and existing. RAS-PV-07 on schedule is 14" MJ valve. Would you allow C153 short body fittings on MJ fittings over 16" diameter? Or must they be C110 fully body. Will the Propane Tank supplier be responsible for relocating gas tanks and making connections to proposed 2" Gas piping? If not, can you provide information on who owns the tanks? Will you allow any Plug Valve mfg. other than listed, like Clow, Kennedy, Mueller, Milliken? 	<ol style="list-style-type: none"> No additional restraint is necessary for the push-on or MJ DIP straight runs. TR-Flex provides restrained push-on joints for DIP and fittings. Bid Day rescheduled to 9/13. Confirmed, Specification 402336 shall be used for bolts, nuts and gaskets for Buried and flanged pipe. DIP Fittings shall be used. DIP and/or C900 will be considered. Yes, it remains 18" at the Oxidation Ditch structure as shown on drawing 20D-03. Drawing 01C-09 is corrected the quantities of the valves and specifying Gate Valves for the WV service. See response no. 6 Secondary Clarifier No. 3 Scum line size is 6-inch PVC, SCH 80. XXXXX Valves Scheduled, Drawing 00G-05 is replaced with the new. Correct, there is no new RAS-PV-07, it is OXI-PV-06. Yes, compact C153 fittings will be allowed. It is assumed that, since the propane supplier, Brightstar, owns the propane tanks, they will be responsible for their relocation. Additionally, it is expected that Brightstar will provide a regulator at the tanks and an above-ground connection point for the Contractor. The Contractor will then connect above-ground at the propane tanks and install all underground and above-ground piping as indicated on the Site Plans and Mechanical Plans. Would assume the propane supplier (Brightstar) owns the propane tanks, and will relocate. Would also assume Brightstar will provide regulator at tanks, and an above-ground connection point for the Contractor. The Contractor would then connect above-ground at the propane tanks; and provide all underground and above-ground piping shown on the Site Plans and Mechanical Plans. Yes, alternatives will be considered. Subject to compliance with the specification. 	<p>ADD-3 ADD-4</p>
<p>8/30/24</p> <p>Marc C. Nusser Vice President 513-800-9009 www.idtco.com</p>	<p>Spec 462300, 2.5</p>	<p>MS</p>	<p>Section 462300.2.5 calls out four different control panels:</p> <ol style="list-style-type: none"> Grit Screen Remote PLC Panel (MCP-125A) Motor Control panel (MCP-125B) Grit Removal Equipment Remote PLC Panel (MCP-150A) Motor Control Panel (MCP-150B) <p>The electrical drawings do not show these tag numbers. The Process Equipment Wiring Schedule on Sheet 10E-02 shows the reuse of some existing panels and some new panels. The electrical plans on that sheet show one Grit Removal Control Panel on the lower level and one Grit Classifier Control Panel on the upper level.</p> <p>Please clarify what the intent of the supply is for the grit removal system equipment supplier. What is new, what is existing. To conserve space, we recommend one (1) control panel in the lower level electrical room with both PLC and motor control of (2) grit traps, (2) pumps, and (1) classifier. We will provide a divider in the panel to separate high and low voltages.</p>	<p>Please see revised Drawing 10E-02.</p> <p>AD-3</p>	



8/29/24	<p>Jim Schaffer The Bergren Associates, Inc. 6641 Sylvania Ave. Ste. 2 Sylvania, OH 43615 Phone: 419-843-2170 Fax: 419-843-3370 Cell: 440-725-3211</p>	Dwg 10E-02 Spec 462116	MS Tim Pool	<p>1. Specifications call for both bar screens, washer compactor, and shaftless screw conveyor to be controlled out of one main control panel. The one-line diagram shows 4 separate feeds. Please verify how many main control panels are expected for this equipment.</p> <p>2. Sub section 1.2 A. – Drop sleeve not required for this application and will not be used.</p> <p>3. Sub section 2.2 A. – Overall screen height from channel invert to operating floor shall be 3.03 ft.</p> <p>4. Sub section 2.2 B. 2. k. – Compactor consumes 3-10 GPM. Please confirm this is acceptable.</p> <p>5. Sub section 2.2 B. 2. n. – Washer compactor discharge chute will be approximately 6' long. Please confirm this is acceptable.</p> <p>6. Sub section 2.2 B. 2. o. – Compactor does not require platform support when anchoring to a concrete deck. Please confirm this is acceptable.</p> <p>7. Sub section 2.3 B. 2. – Wash port manifold delivers 3-10 GPM.</p> <p>8. Sub section 2.6 B. 4. a. – Paragraph A above calls for a NEMA 12 main panel. Please confirm NEMA type required.</p> <p>9. Sub section 2.6 B. 6. – This paragraph calls for submersible pressure transducers for level measurement. Earlier design table and instrument table in section 407000 call for ultrasonic transducers. Please confirm ultrasonic transducers are required.</p> <p>10. Sub section 2.7 – Drive assembly for each piece of equipment has already been detailed. Please confirm which drive assembly paragraph 2.7 is referring to. It also mentions a Class I Div 1 environment, when previous specs said Class I Div 2.</p> <p>11. Sub section 2.9 C. 2. – Trough liners have been removed from the standard spare parts and have been replaced with (1) 14 oz. grease tube.</p>	<p>1. The controls for the mechanical screen, washer compactor and the screen conveyor shall be controlled from the main control panel installed in the existing Electrical Room. We will revise the one-line to show one feed to the main control panel. ADD-3.</p> <p>Change paragraph 2.6 B. 4. a. NEMA rating from listed “NEMA 4X SSTL” to “NEMA 12”. ADD-3.</p> <p>2. Delete from Paragraph 1.2 A., one (1) chute from the horizontal conveyor to the washer- compactor, and one (1) chute from the washer-compactor to the screening’s container. ADD-3.</p> <p>3. Shall be verified by the Contractor.</p> <p>4. Paragraph 2.2 B. 2. k.: Change Wash water for the compactor to read: 3-10 gpm. ADD-3.</p> <p>5. Paragraph 2.2 B. 2. n.: Change discharge chute for the wash water compactor to be 6 ft long. To be field verified by the Contractor ADD-3</p> <p>6. Paragraph 2.2 B. 2. o.: Delete “Platform Support: 304 Stainless Steel” from the design parameters list. ADD-3</p> <p>7. Paragraph 2.3 B. 2. Washing Action: Change to read: “Wash port manifold is integrated prior to the compaction housing and delivers 3 to 10 GPM.” Add-3.</p> <p>8. Paragraph 2.6 B. 4. a.: The other panels are the Local Control Pushbutton Stations and are NEMA 7 (Paragraphs 2.6 B. 5.; C. 4., D.5. a).</p> <p>9. Paragraph 2.6 B. 6 does <u>not</u> call specifically the “submersible” type transducers. Refer to Drawing 10D-04, Coded Note #12. Ultrasonic Level is confirmed.</p> <p>10. Delete Paragraph 2.7 in its entirety. ADD-3.</p> <p>11. Paragraph 2.9 C. 2.: Replace “Two (2) Set of trough liners with “14 oz. grease tube.”</p>	
08/29/24	<p>Kim Johnson Architectural Market Manager READING ROCK, INC. 1150 Sullivant Ave. Columbus, OH 43223 Office: 614-224-9241 Mobile: 614-800-5203 Fax: 614-224-1721 readingrock.com</p>	Spec 042200 040120.64 Dwg 80A-01	DS	<p>I was wondering if you would offer some direction on what you/the owner have in mind for the brick on the project. Are you aiming to match an existing structure up there? We are getting calls from the bidders, and I'd like to quote them something in the appropriate range.</p>	<p>The operations/administration building is the reference for matching brick color, mortar color, and brick course pattern.</p>	
8/29/24	<p>Kirk Bros Trent Snider Estimating Manager Kirk Bros. Masonry 16380 US 224 East PO Box 390 Findlay, OH 45839 Office: 419-595-4046 Cell: 419-681-3028 t.snider@kirkbros.com</p>	Spec 040120.64 Dwg 80A-01	DS	<p>The brick spec calls out no specific brick, can you contact CT Consultants to find out which building they are trying to match. I will need pricing for the intended brick on the new Sludge Treatment building to include brick jack arches.</p>	<p>The operations/administration building is the reference for matching brick color, mortar color, and brick course pattern.</p>	Q/A ADD-3

08/29/24	<p>Kevin Dills Senior Estimator 16380 US-224 East PO Box 390 Findlay, OH 45839 P:419-595-4020 D:419-595-4044 C:567-429-9419 F:419-595-4019</p> 	Spec 04220 Dwg 80A-02	DS	<p>1. Question: Spec 042200 part 2.4, A, 4&5, line 4 states to match existing and line 5 states full range color choice. Clarify if we are to match an existing building that currently has an Oberfield's and which one or shall we price a full color choice range to include premium colors?</p> <p>2. Question: Spec 042200 part 2.8 Embedded Fashing Materials C, what is an approved or acceptable flexible thru wall flashing?</p> <p>3. Question: Will the single wythe Blower building require PVC pan flashing in non-reinforced cell 8" above or will it require thru wall flashing similar to the Tertiary building?</p> <p>4. Question: Print 80A-02/C the requirement of the R value being a minimum of R-13 is not obtainable by using an ICON insert or even upgrading to and 8" HI-R block the is not typically used as a backer in a cavity wall. Clarify what insulation and CMU is required to achieve this R value.</p> <p>5. Question: Print 80A-01 what is the required cavity wall width?</p>	<p>1. The Operations/Administration Building is the reference for matching brick color, mortar color, and brick course pattern.</p> <p>2. See revised SECTION 04 22 00 – CONCRETE UNIT MASONRY</p> <p>3. Thru-wall flashing.</p> <p>4. See revised detail with cavity insulation (Sketch-08 and Sketch-09).</p> <p>5. The design intent is 14" (nom. 4" brick veneer, 2" air space, nom. 8" CMU).</p> <p style="text-align: right;">Q/A ADD-4</p>
8/29/24	<p>Chris Kushner ckushner@hpthompson.com M: (614) 512-1054 D: (513) 248-3222</p>	Spec. 467321 70D-04, 05, 07	MS	<p>1. Is this Project subject to Built America Buy America requirements?</p> <p>2. Specification section 467321 shows Coarse bubble Wideband WBCB304-24 diffusers in Digesters #1 to #5 and Sludge Wet well #1 & #2, whereas engineer plans 70D-04,05 & 07 shows disc type diffusers. Please confirm which diffuser type need to follow for coarse bubble?</p> <p>3. Also Engineer plans 70D-04,05 & 07 shows manifold & Header piping in Sch.80 PVC, whereas as per specification coarse bubble diffuser model shown as WBCB304SS-24 wideband diffusers, it that was the case we need to offer all piping in Stainless steel for coarse bubble system, because the diffuser connection is welded to bottom centreline of the header with ¾" Tee connection so we won't recommend PVC piping for Wideband diffusers Please confirm the Piping material if we go with Wide band diffusers</p> <p>4. Engineer plan 70D-04 show, Digester #1 & 32 with approx. 5' slope to the center, and supports showing Stainless steel pipe support, instead we can give concrete pedestals (supplied by others) to support the grid, which saves more cost on grid. Please confirm</p>	<p>1. It is this American Iron and Steel requirements.</p> <p>2. Replace Specification 467321 in its entirety with the new.</p> <p style="text-align: right;">ADD-3</p>
8/29/24	<p>Jim Steele Rawdon Myers, Inc. jsteele@rawdonmyers.com 5139656693 Office 5136006817 Mobile</p>	Dwg 01G-06	MS	<p>Can you please provide additional information or point to existing information on the plans, spec's or schedules that provides details on the type of service for each electric operated valve. For example, which valves are open/close service vs. modulating service?</p>	<p>Only RAS/WAS Pump Station Valves</p> <p style="text-align: right;">ADD-3</p>
	<p><i>Linda Merchant-Masonbrink</i> Environmental Planner Accredited Green Roof Professional (GRP) Division of Environmental and Financial Assistance 50 W. Town Street, Suite 700 Columbus, Ohio 43015 L.merchantmasonbrink@epa.ohio.gov</p> 	Dwg 00G-05 General Notes	MS	<p>1. The plans indicate that trees may be removed but with no mention of the timeframe. In order to protect any endangered bat species, there needs to be a stipulation that if any trees need to be removed, they will only be removed between October 1 and April 1 to protect endangered bats. Please add that to the specs and the environmental notes on the plans.</p> <p>2. What public participation has been done to inform the public about this project? This could include public meetings, mailed fact sheets, website information etc.</p> <p>3. The environmental notes on the plans did not address how noise and traffic will be controlled. Please include that information.</p>	<p>1. The project does not show any need of trees removal. However, the general note will be added to the Drawing 00G-05, under new section - "Environmental Notes", stating "If any trees need to be removed, they should only be removed between October 1 and April 1" to protect endangered bats."</p> <p>2. Public Participation: Will work on public meeting information.</p> <p>3. The "Noise Control" is listed in the drawing OOG-05 under "Air Pollution/Noise Control" section.</p> <p>4. Traffic Control is included in the General Sheet.</p> <p style="text-align: right;">ADD-3</p>

8/30/2024	<p>Trent Snider Estimating Manager Kirk Bros. Masonry 16380 US 224 East PO Box 390 Findlay, OH 45839 Office: 419-595-4046 Cell: 419-681-3028 t.snider@kirkbros.com</p> 	Dwg 90S-01	DS	<p>1. Question: Sheet 90S-01 in reference to the new blower building dimensions, this will not work masonry to reflect half bond stacked joints at the corners, will this building be adjusted to work masonry? i.e.26'8" x 16'</p> <p>2. Question: Sheet 90S-01 do the below grade CMU require grouting solid to grade?</p>	<p>Q/A ADD-3</p> <p>1. If you want to adjust the building dimension so it works better with the masonry coursing (less block to cut), we have no issue with this as long as the bearing height does not change, and we are shifting plan dimensions less than 8".</p> <p>2. It is not structurally necessary for below-grade CMU to be grouted, however sometimes architects or owners will call for below-grade CMU to be grouted for durability reasons. I'd check with the architect, but structurally, the below-grade CMU does not need to be grouted.</p>
9/3/24	<p>Marc C. Nusser Vice President 513-800-9009 www.jdtco.com</p>	Dwg 30E-01	MS TP	<p>On Sheet 30E-01, Clarifier's #1 & #2 Power Distribution diagram, the Existing Clarifier #1 & #2 control panel is noted as existing. Is the Owner re-using the Control panels or does the Manufacturer supply new Panel's for Clarifier #1 & #2?</p> <p>For each motor, there shall be included by the equipment manufacturer: a combination circuit breaker/overload unit providing overload protection, short circuit protection, manual reset and individual disconnect for all phases; across-the-line magnetic contactor; a 24-volt control circuit transformer with disconnect and overload protection. If a motor is disabled (e.g. overload overtemp, individual in "Off" position), it shall shut down and lock out. Overload and disconnect functions shall be provided by a single magnetic-hydraulic, temperature-insensitive component.</p>	<p>ADD-4</p> <p>1. Paragraph 2.7 C.: Replace this paragraph with the new: "C. For new Secondary Clarifier No. 3 motor, the equipment manufacturer shall include: a combination circuit breaker/overload unit providing overload protection, short circuit protection, manual reset disconnection for all phases; across-the-line magnetic contactor; control circuit transformer with primary overload protection. If a motor is disabled (e.g. overload, overtemp, individual disconnect in "Off" position), it shall shut down and lock out.</p> <p>2. For existing Secondary Clarifiers No. 1 and 2 replace each motor in kind."</p>
9/3/24	<p>Marc C. Nusser Vice President 513-800-9009 www.jdtco.com</p>	Spec 43113	MS	<p>1. The VFD issue is bigger. Easiest way to address would be to name Danfoss as an acceptable manufacturer by addendum.</p> <p>Here is the drawing that we found, it appears to have an HMI and WWTP PLC. What PLC / HMI is preferred? It does not say in the specs.</p> <p>Also, it shows an auto dialer. Do we need to provide a specific brand or just leave space for them to mount and wire an existing dialer? Or one provided by the city or an integrator?</p>	<p>ADD-3</p> <p>The drive will be accepted as equal as long as the equipment supplied with the communication adapter capable of connecting to the communication network via the Ethernet/IP Protocol</p>
9/6/24	<p>Kelli Jamison Sales Engineer kelli@blanderson.com 513-889-4746 office 614-601-0051 cell 8887 Eagle Ridge Court West Chester, OH 45069</p>	-	TP		<p>-</p> <p>Not relevant, this is taken from the 2004 Contract. Please use published Contract Drawing.</p>

<p>9/5/24</p> <p>Nick Szymczak 16380 US-224 East PO Box 390 Findlay, OH 45839 P:419-595-4020 O:419-595-4004 F:419-595-4019 </p>		Dwg 01C-05	MS	<p>1. Addendum 2 Q&A stated that spoils with extra dirt can be deposited on the north side of the WWTP. Can you clarify that excess material is to be deposited in the future expansion area or only in the project site area? There's a large surplus of excavated material ranging from fill dirt, crushed stone, and soft shale. Can you specify what classification of material is allowed to stay on-site and provide requirements or specifications for stockpiling excess spoils?</p> <p>2. Plan sheet 01C-05, key note 18 was annotated on the west side of sludge wet well no 2. Confirm that this should be key note 20?</p> <p>3. Can you consider adding an allowance for hiring third party utility locator?</p> <p>4. The utilities between the existing Aerobic Digesters and proposed UV tanks are confined and have minimal horizontal and vertical separation. The contractor will most likely have to install shoring between the tanks and open excavate to expose all the existing utilities in order to safely install proposed line work and minimize damages and disruptions. Can you confirm that this method of construction was considered as part of the engineer's estimate? Also, in doing so, would it be acceptable to backfill with 57s in order to reduce compaction requirements?</p>	<p>1. Whenever possible, spoils such as soil and rock are stockpiled on-site for reuse in landscaping, backfilling, or other construction activities. The perimeter of the new fenced area is 755 ft deposit extra dirt along the perimeter of the fence. Keep spoil pile at a height of around 5-6 ft, with assuming the base width of a spoil about 1.5-2 times the height of the pile to maintain stability. Fill dirt, crushed stone and soft shale)</p> <p>Spoils that cannot be reused on-site must be transported to approved disposal facilities. Construction projects must comply with local, state and federal regulation regarding the handling and disposal of spoils.</p> <p>2. Drawing 01C-05 coded note 18 is correct and referencing the 30" DIP Final Clarifier by-pass effluent to new UV Disinfection tank. Please refer to Drawing 01C-08.</p> <p>3. No.</p> <p>4. Yes, it is tight between the sludge transfer Station and the Sludge Wet Wells. The width between structures is only 6.48'. The Sludge Wet Well trough width (external) is 2.67 ft.</p> <p>There are concrete walls on both sides until the 36" pipe passes the Sludge Transfer Station. North of that point, it will be possible to bench the east side of the trench.</p>	ADD-5
<p>9/9/24</p> <p>Nick Szymczak 16380 US-224 East PO Box 390 Findlay, OH 45839 P:419-595-4020 O:419-595-4004 F:419-595-4019 </p>			MS	<p>1. Plan sheet 01C-08 shows a lot of proposed and existing utilities being packed between the tanks. There's not enough separation between existing and proposed lines in which trench box / manhole box will be applicable. The contractor is most likely to install earth retention in an effort to expose & add supports to all the existing utilities until a manageable subgrade is achieved.</p> <p>2. Electrical conduits within the excavation area need to be temporarily relocated prior to beginning work. The electrical site plan does not clearly show where electrical conduits is in this area. With the amount of valves, pumps, and other process equipment around the site it is likely that there is more electrical conduit that is not shown on the piping profile pages. Third party utility location services will need to be used throughout this area in order to protect crew members and plant operation.</p> <p>3. Traditional means of excavation with machinery will not be applicable. Excavation to proposed elevations will most likely be done by vac truck, or similar type method in which preservation of existing utilities is maintained.</p> <p>4. Supports for all the existing utilities will need to be installed as each line is exposed. Additionally, it's likely that some of the low-pressure mains weren't installed with any joint restraint, so a split-wedge joint restraint is to be installed before allowing utility line to be suspended from the ground.</p> <p>5. There's an existing trough alongside the UV and Sludge Wet Well tanks that restricts contractor's ability to install pipe material inside excavation. Note where the 36" FCE and 6" Sludge line are in comparison to the location of the trough and Sludge Transfer Bldg. Also, reference sheet 84 (70D-03), it shows the profile of the existing trough.</p> <p>6. If temporarily removing trough is an option, please provide specifications and details for replacement of concrete.</p> <p>7. Access to the areas of the excavation will be limited. Installation of material inside the open excavation will require the use of special machinery and operator.</p> <p>8. Backfill with No 57s as previously requested, and CDF in areas in which stone can't be adequately installed.</p>	<p>1. The use of shoring in this area will not be necessary, as there are concrete walls on both sides until one passes the Sludge Transfer Station. North of that point, it will be possible to bench the east side of the trench.</p> <p>2. Means and methods of construction</p> <p>3. Means and methods of construction.</p> <p>4. Means and methods of construction.</p> <p>5. The trough, if it exists, can be demolished as needed.</p> <p>6. No need to replace the concrete.</p> <p>7. Means and methods of construction</p> <p>8. Yes, accepted</p> <p>9. Means and methods of construction</p> <p>10. No shoring necessary</p> <p>11.-</p> <p>12. Part of the construction duration listed for this project.</p>	

				<p>9. All costs associated with engineering fees, geographical analysis for shoring beams, fall protection, site dewatering and downtime incurred, additional mobilizations and overhead general conditions should be considered too.</p> <p>10. Probable costs of shoring, consider an average rate of \$75 per sf with a \$50,000 to \$75,000 fee for mobilization(s) to the jobsite</p> <p>11. Probable costs of vac truck services range from \$200 to \$300 cy depending on height of excavation, location of truck in relation to excavation, and location of disposal. Figure an average daily rate of 40-50 tons per day.</p> <p>12. Duration of construction in this area may take 2-3 months. Contract duration will need extended if this was not accounted for during design.</p>	
<p>9/9/24</p>	<p>Nick Szymczak 16380 US-224 East PO Box 390 Findlay, OH 45839 P:419-595-4020 O:419-595-4004 F:419-595-4019</p> 		<p>MS 10D-04 40D-01 70D-04 100D-03 50D-02</p>	<p>1. Sheet 01C-08: Can the trough alongside the proposed UV and sludge wetwells be temporarily removed during installation of 36" FCE and 6" Sludge Feed line, and replaced upon backfill of excavation? Particularly in between the sludge transfer building. If so, provide a detail for trough replacement.</p> <p>2. Do you have any geotechnical information that goes deeper than the borings provided? The deepest boring is the one nearest the clarifiers and shoring beams are likely to go deeper than the bottom of that boring.</p> <p>3. Sheet 01C-08: The centerline of the 36" FCE on sheet 01C-08 is shown to remain under trough alongside the tanks. Can you clarify if 45's are to be installed prior to the 36"/30" valves in order to offset location of valves from underneath the concrete?</p> <p>4. Sheet 10D-03: Does demo of the existing stop plates that are to get a new stop plate, include the embedded frames? (may have already been asked by Kevin Dills)</p> <p>5. Sheet 10D-04: Are new stop plates SP104 and SP104A to have embedded frames or bolt on the channel walls?</p> <p>6. Is grout to be demoed and replaced as part of the clarifier equipment replacements?</p> <p>7. Sheet 40D-01: Three effluent weirs are shown with 2 tertiary treatment units being installed. Are all 3 weirs to be supplied and installed at this time?</p> <p>8. Are totes for polymer and coagulant to be provided or are these by the Owner when chemical is provided?</p> <p>9. Sheet 70D-04: What is the type and material of the aeration pipe supports noted to be provided?</p> <p>10. Sheet 100D-03: Is the polymer tote to be provided or is this by the owner when polymer is purchased?</p> <p>11. Sheet 50D-02 details tank to be demoed and abandoned with no proposed plans for future use. Is there a backfill requirement for this structure?</p> <p>12. Sheet 01C-09: Notes for the valve quantities don't match the plan view. Can you confirm the actual quantities required?</p> <p>13. Erosion control notes and details with an erosion control legend were provided, but without plan sheets. Can an erosion control plan be made available for this project? Also, is SWP3 plan and inspections required for this project?</p>	<p style="text-align: right;"><u>ADD-5</u></p> <ol style="list-style-type: none"> 1. Yes, the trough can be removed permanently as needed. 2. No, only the geotechnical information that has already been provided. 3. Yes, correct. Please see Drawing 01C-08 that details this area. 4. Existing embedded frame is to remain. 5. SP 104 and SP 104A have embedded frames, the same as existing. <u>ADD-5</u> 6. Remove the existing grout as required to reach sound material and install new grout as required to meet clearances of new equipment, provide the necessary slope, and to meet manufacturer recommendations for minimum placement thickness of the grout product used. ADD-5 7. No, only two weirs need to be installed 8. By the Owner. 9. The diffusers manifold supports are provided by the manufacturer, the other pipe supports shall be provided by the Contractor. The material of the supports is as specified in the Contract Drawings. 10. For the testing and start up Polymer provided by the Contractor. 11. The existing Post Aeration tank shall be demolished as shown on the drawing 50D-02. For the backfill, use ODOT Item 304 Aggregate. 12. See Addendum 3, Sketch 7. 13. Erosion Control Plan: No, not usually provided
<p>9/10/24 9/11/24</p>	<p>Thank you, Eric Clady Owens Electric Co 146 S Greenwood St. Marion, OH 43302 eric@owenselectricco.com Shop: 740.387.1111 Mobile: 419.569.4989</p>	<p>Dwgs: 10E-01 40E-01</p>	<p>TP</p>	<ol style="list-style-type: none"> 1. The scale is incorrect on drawing 01E-01. Can you let me know what the correct scale is please? 2. On drawing 10E-02, where is existing panel PDP-1 located? Also, where is the new 'Power Distribution Center' located? 3. On drawing 40E-01, where is the 'Chemical System Control Panel' located? 4. On drawing 40E-01, Process Equipment Schedule, what control panels are the individual items fed from? 	<p>1. Electrical Site plan scale on drawing 01E-01 is 1"=50'</p> <p>2. The existing panel PDP-1 and new 'Power Distribution Center' HWP are located in the electrical room. Please refer to the attached drawing. The latest drawing 10E-02 is published in Addendum #3, which can be obtained from the CT Consultants website, "PLAN ROOM" tab. The link is https://ctconsultants.com</p> <p>3. The 'Chemical System Control Panel' is 120 volt and called out as the NEMA 4X CONTROL PANEL MOUNTED TO THE POLYMERS SYSTEM SKID. Remove</p> <p style="text-align: right;">ADD-4</p>

					<p>the "Chemical System Control Panel" from the SDP Distribution Panel and make the 100/3 CB a spare.</p> <p>4. The breakdown of individual loads served from the control panels is listed in the production equipment specifications.</p>
<p>9/10/24 9/12/24</p>	<p>Kevin Dills Senior Estimator 16380 US-224 East PO Box 390 Findlay, OH 45839 P:419-595-4020 D:419-595-4044 C:567-429-9419 F:419-595-4019</p> 		<p>MS</p>	<p>1. Are the existing clarifiers getting regouted? If so, do we need to demo the existing grout out of the tank or can we grout over top of the existing.</p> <p>2. Are there separate drawings for I&C / SCADA on this project. Does this job have SCADA on it? I'm asking because I have reached out to our SCADA subcontractor and he is not sure what to quote based on the specs and drawings.</p>	<p>1. Remove the existing grout as required to reach sound material and install new grout as required to meet clearances of new equipment, provide the necessary slope, and to meet manufacturer recommendations for minimum placement thickness of the grout product used .The biggest issues are that we don't know the condition of the existing grout, and we don't know the extent of how much grout will be required for the new equipment. ADD-5</p> <p>2. This project includes the I&C/SCADA scope as detailed in the specifications contained with Division 40. The SCADA subcontractor will be responsible for the designing the WWTP SCADA system in accordance with the description provided in the specifications of Division 40, process specifications, Division 46 and 43, and the Contract Drawings. SCADA system will need to be developed based on the description provided in the Specs 409600, 409601, 409602.</p>
	<p>Vince Hartzler Estimator</p>  <p>2112 Troy Rd, Ashland, OH 44805 Ph: (419) 281-8299 Fax: (419) 281-6150 vhartzler@simonsonconstruction.com www.simonsonconstruction.com</p>	<p>Dwg 12S-05</p>	<p>CM</p>	<p>On sheet 120S-05 they show a 2x bearing plate on the cmu walls and beam. Typically, we can make a connection to a 2x plate but detail 1/120S-05 calls for the connection to be good for an out of plane wall load of 890 lbs and a net uplift of 2990 lbs. Wood screws into a 2x plate will not work for the loads being called out. They also want blocking trusses in line with the wall designed for 360 plf, so over the approx. 4' long blocking truss the total load will be 1440 lbs of shear load. We can't make that connection to a 2x plate. Even if the design loads were reduced, they are also calling out the connection for the 2x plate to the wall to be anchor bolts at 8" oc. With that many anchor bolts there wouldn't be any wood left for the truss clips.</p> <p>The only way we can make this work is to have steel embed bearing plates to make the truss connection. To have enough plate for the main truss and the blocking truss to share, the plate would need to be either continuous or at least 16" long at each truss.</p>	<p>This question will be addressed in ADD-5. Changes include the following:</p> <ul style="list-style-type: none"> The wood top plate was replaced with a steel top plate to allow the truss manufacturer to make the necessary connections. Service reactions were listed for the truss connections rather than ultimate. Plates were added at existing CMU bearing walls to engage more of the wall weight in uplift.