Addendum No. 1

Issue Date: November 26, 2025

Project:	**Owner:**
Fitzgerald Creek WPCP Thermal Dryer Facility	Cherokee County Water & Sewerage Authority Cherokee County, Georgia

Bid Date: Wednesday, December 17, 2025
Bid Submittal Time: 2 P.M. local time
Bid Submittal Location:
Cherokee County Water & Sewerage Authority
110 Railroad Street
Canton, Georgia 30114
Phone: 770-479-1813

Receipt of this Addendum and all previous addenda shall be acknowledged in writing as part of the Bid Submittal Document. Failure to receive or acknowledge any such addendum shall not relieve a Bidder from any obligation under his Bid as submitted.

DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

REPLACE Replace Section 00 40 00 – Bid Form in its entirety with Attachment No. 1 – Section 00 40 00 – Bid Form (13 pages, pages 00 40 00-1***R*** through 00 40 00-13***R***).

TECHNICAL SPECIFICATIONS – DIVISIONS 02 THROUGH 46 AND APPENDICES:

ADD Section 03 15 16 – Joints in Concrete, Article 1.02, ADD the following as Paragraph E:
"***E. Section 03 39 00 – Concrete Curing***".

REPLACE Section 03 15 16 – Joints in Concrete, Article 3.01, Paragraph D, REPLACE "All corners shall be part of a continuous placement, and should a construction joint be required, the joint shall not be located closer than five feet from a corner." with "All corners ***and intersections*** shall be part of a continuous placement, and should a construction joint be required, the joint shall not be located closer than ***5*** feet from a corner ***or intersection***.".

REPLACE Section 03 39 00 – Concrete Curing, Article 2.01, Paragraph B, REPLACE "Where specifically approved by Engineer, on slabs to receive subsequent applied finishes, compound shall conform to ASTM C309. Acceptable products are "Kurez DR VOX" by the Euclid Chemical Company or "Cristallum" by W. R.

Meadows, Inc. Install in strict accordance with manufacturer's requirements." with "Where specifically approved by Engineer, on slabs to receive subsequent applied finishes, compound shall conform to ASTM C309. Acceptable products are "Kurez DR VOX" ***or "TAMMSCURE WB"*** by the Euclid Chemical Company or "Cristallum" by W. R. Meadows, Inc. Install in strict accordance with manufacturer's requirements.".

REPLACE Section 05 05 23 – Metal Fastening, Article 2.04, Paragraph I, Item 1, Sub-item a, REPLACE "Wedge Anchors: Wedge anchors shall be "Kwik Bolt TZ2" by Hilti, Inc., "Strong-Bolt 2" by Simpson Strong-Tie Co. or "Power-Stud+SD1" or "Power-Stud+ SD-2" by DeWalt." with "Wedge Anchors: Wedge anchors shall be "Kwik Bolt TZ2" by Hilti, Inc., "Strong-Bolt 2" by Simpson Strong-Tie Co. or "Power-Stud+ SD1"***,*** "Power-Stud+ SD-2"***, or "Power-Stud+ SD4/SD6"*** by DeWalt.".

REPLACE Section 09 90 00 – Painting, Table 2: Product Listing, 18th row (Ref. 116), 4th column (Product – Tnemec Series), REPLACE "113 or 114" with "***288*** or ***289***".

REPLACE Section 40 05 31 – PVC/CPVC Pipe, Article 2.01, Paragraph G, REPLACE "C900-Class 200 shall be in sizes between 4 inches and 12 inches and shall meet the requirements of AWWA C900 "Poly Vinyl Chloride (PVC) Pressure Pipe" and shall conform to all the requirements of ASTM D1784 and ASTM D2241. The pipe shall be a minimum of DR 14 and shall be capable of withstanding the overburden pressures determined by the depth of burial in the field." with "C900-Class 200 shall be in sizes between 4 inches and 12 inches and shall meet the requirements of AWWA C900 "Poly Vinyl Chloride (PVC) Pressure Pipe" and shall conform to all the requirements of ASTM D1784 and ASTM D2241. The pipe shall be a minimum of DR ***21*** and shall be capable of withstanding the overburden pressures determined by the depth of burial in the field.".

REPLACE Section 40 05 31 – PVC/CPVC Pipe, Article 2.01, Paragraph G, Item 5, REPLACE "Fittings for C900-Class 200, DR 14 shall be ductile iron, bolted mechanical joint." with "Fittings for C900-Class 200, DR ***21*** shall be ductile iron, bolted mechanical joint.".

REPLACE Section 40 05 31 – PVC/CPVC Pipe, Article 2.01, Paragraph H, REPLACE "C900-Class 150 shall be in sizes between 4 inches and 12 inches and shall meet the requirements of AWWA C900 – Poly Vinyl Chlorine (PVC) Pressure Pipe and shall conform to all the requirements of ASTM D1784 and ASTM D2241. The pipe shall be a minimum of DR 18 and shall be capable of withstanding the overburden pressures determined by the depth of burial in the field." with "C900-Class ***165*** shall be in sizes between 4 inches and 12 inches and shall meet the requirements of AWWA C900 – Poly Vinyl Chlorine (PVC) Pressure Pipe and shall conform to all the requirements of ASTM D1784 and ASTM D2241. The pipe shall be a minimum of DR ***25*** and shall be capable of withstanding the overburden pressures determined by the depth of burial in the field.".

REPLACE Section 40 05 31 – PVC/CPVC Pipe, Article 2.01, Paragraph H, Item 5, REPLACE "Fittings for C900-Class 150, DR 18 shall be ductile iron, bolted mechanical joint." with "Fittings for C900-Class ***165***, DR ***25*** shall be ductile iron, bolted mechanical joint.".

REPLACE Section 46 76 70 – Indirect Thermal Sludge Drying System, Article 3.11, Paragraph A, Item 1, REPLACE "Scope letter (i.e., proposal or quotation) from BCR Environmental dated October 2, 2025" with "Scope letter (i.e., proposal or quotation) from BCR Environmental dated ***November 5***, 2025".

REPLACE Section 46 76 70 – Indirect Thermal Sludge Drying System, REPLACE Scope letter (i.e., proposal or quotation) from BCR Environmental dated October 2, 2025 included as supplement at end of Section in its entirety with Attachment No. 2 – Scope letter (i.e., proposal or quotation) from BCR Environmental dated November 5, 2025 (20 pages).

DRAWINGS

REPLACE REPLACE Drawing 01-C-403 – SD Line 1 Plan and Profile in its entirety with Attachment No. 3 – Drawing 01-C-403 – SD Line 1 Plan and Profile (1 page).

REPLACE REPLACE Drawing 01-C-404 – SD Line 2 Plan and Profile in its entirety with Attachment No. 4 – Drawing 01-C-404 – SD Line 2 Plan and Profile (1 page).

REPLACE Drawing 26-M-002 – Thermal Dryer Facility – Dryer Plan, REPLACE NOTE 6 reading "DRYER MANUFACTURER RESPONSIBLE FOR SUPPLY OF INTERCONNECT PIPE, FITTINGS, FILTERS, REGULATORS, INSTRUMENTS, AND VALVES BETWEEN AIR COMPRESSOR, NITROGEN GENERATOR, AND RECEIVERS. REFER TO VENDOR DETAILS FOR INTERCONNECTING COMPONENT ASSEMBLY. FINAL ARRANGEMENT OF COMPONENTS TO BE DETERMINED DURING SHOP DRAWING REVIEW CONTRACTOR TO FIELD CUT PIPE FOR FINAL FIT UP." with "DRYER MANUFACTURER RESPONSIBLE FOR SUPPLY OF ***INTERCONNECTING*** PIPE, FITTINGS, FILTERS, REGULATORS, INSTRUMENTS, AND VALVES BETWEEN AIR COMPRESSOR, NITROGEN GENERATOR***, MIST ELIMINATOR (NOT SHOWN), DESICCANT DRYER (NOT SHOWN)***, AND RECEIVERS. REFER TO VENDOR DETAILS FOR INTERCONNECTING COMPONENT ASSEMBLY. FINAL ***LAYOUT*** OF COMPONENTS ***SHALL BE PER APPROVED*** SHOP DRAWING ***SUBMITTAL.*** CONTRACTOR TO FIELD CUT PIPE FOR FINAL FIT UP.".

DELETE Drawing 26-M-005 – Thermal Dryer Facility – Section – 2, DELETE leader with text reading "?" surrounded by rectangle in middle of SECTION B.

REPLACE Drawing 26-M-007 – Thermal Dryer Facility – Section – 4, REPLACE NOTE 2 reading "INTERCONNECTING PIPE, VALVES, FITTINGS, AND ANCILLARY COMPONENTS OF THE COMPRESSED AIR AND NITROGEN GENERATING SYSTEMS FURNISHED BY THE DRYER MANUFACTURER NOT SHOWN. FINAL LAYOUT OF THESE COMPONENTS SHALL BE DETERMINED DURING SHOP DRAWING REVIEW. CONTRACTOR SHALL INSTALL LOOSE

SHIPPED COMPRESSED AIR AND NITROGEN EQUIPMENT, PIPE, AND VALVES." with "INTERCONNECTING PIPE, VALVES, FITTINGS, AND ANCILLARY COMPONENTS ***(INCLUDING MIST ELIMINATOR AND DESICCANT DRYER)*** OF THE COMPRESSED AIR AND NITROGEN GENERATING SYSTEMS FURNISHED BY THE DRYER MANUFACTURER NOT SHOWN. FINAL LAYOUT OF THESE COMPONENTS SHALL BE ***PER APPROVED*** SHOP DRAWING ***SUBMITTAL***. CONTRACTOR SHALL INSTALL LOOSE SHIPPED COMPRESSED AIR AND NITROGEN EQUIPMENT, PIPE, AND VALVES.".

REPLACE Drawing 26-A-002 – Thermal Dryer Facility – Building Code Summary, REPLACE NOTE at bottom of BUILDING CODE ANALYSIS reading "**NOTE** – UPON COMPLETION OF THE BUIDING, A TEST WILL BE PERFORMED TO DETERMINE THE STRENGTH OF EMERGENCY RADIO COMMUNICATIONS TO DETERMINE IF A BDA (BI-DIRECTION AMPLIFICATION) SYSTEM WILL BE NEEDED." with "**NOTE** – UPON COMPLETION OF THE ***BUILDING***, ***THE CONTRACTOR SHALL PERFORM*** A TEST ~~**WILL BE PERFORMED**~~ TO DETERMINE THE STRENGTH OF EMERGENCY ***RESPONDER*** RADIO ***COVERAGE INSIDE THE BUILDING*** TO DETERMINE IF A BDA (***BI-DIRECTIONAL AMPLIFIER***) SYSTEM WILL BE NEEDED ***TO COMPLY WITH SECTION 510 OF THE 2018 INTERNATIONAL FIRE CODE AND NFPA 1225 – STANDARD FOR EMERGENCY SERVICES COMMUNICATIONS. IF OWNER DIRECTS CONTRACTOR TO PROVIDE A BDA SYSTEM, PROVISION AND TESTING OF THE BDA SYSTEM WILL BE PAID FOR UNDER BID ITEM No. 3.1 – OWNER-DIRECTED WORK ITEMS***.".

ADD Drawing 26-FP-001 – General – Legend, Abbreviations and General Notes, ADD the following:

"***CHEROKEE COUNTY FIRE MARSHAL NOTES:***

1. ***ALL BUILDINGS OVER TWO STORIES IN HEIGHT OR MORE THAN 12,000 SQUARE FEET ARE REQUIRED TO COMPLY WITH THE 2018 IFC SECTION 510 AND NFPA 1225 EMERGENCY RESPONDER RADIO COVERAGE. ADDITIONAL REQUIREMENTS MAY APPLY. IF THERE IS NOT PROPER RADIO COVERAGE FROM THE INSIDE OF THE BUILDING, YOU WILL BE REQUIRED TO INSTALL A DAS FOR COMPLIANCE WITH THIS CODE. THE CODE IS AVAILABLE ON OUR WEBSITE UNDER THE 2018 IFC SECTION 510 AND NFPA 1225 EMERGENCY RESPONDER RADIO COVERAGE.***

2. ***THE FOLLOWING PLANS HAVE BEEN REVIEWED BY THE CHEROKEE COUNTY FIRE MARSHAL'S OFFICE. THE DRAWINGS WERE REVIEWED UNDER THE APPLICABLE LAWS ADOPTED AT THE TIME. EVERY EFFORT WAS MADE TO ENSURE CODE COMPLIANCE. ANY CODE VIOLATIONS THAT WERE MISSED DURING THE PLAN REVIEW ARE THE OWNER'S RESPONSIBILITY AND MUST BE CORRECTED TO RECEIVE FINAL APPROVAL AND/OR A CERTIFICATE OF OCCUPANCY (CO).***

3. ***A PRE-CONSTRUCTION MEETING, 50%, 80%, AND 100% INSPECTIONS ARE REQUIRED UNLESS AT THE PRECONSTRUCTION***

MEETING IT IS DETERMINED THAT ALL INSPECTIONS ARE NOT REQUIRED.

4. ***ALL FIRE INSPECTIONS ARE SCHEDULED THROUGH THE CITYVIEW PORTAL UNDER THE SAME PERMIT NUMBER AS THE BUILDING PERMIT. THIS MUST BE DONE BY THE CONTRACTOR.***

5. ***UNIT EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING:***

   (1) THE BATTERIES SHALL BE OF SUITABLE RATING AND CAPACITY TO SUPPLY AND MAINTAIN THE TOTAL LAMP LOAD ASSOCIATED WITH THE UNIT IN ACCORDANCE WITH THE FOLLOWING:

      A. FOR A PERIOD OF AT LEAST 1-1/2 HOURS WITHOUT THE VOLTAGE FALLING BELOW 87-1/2 PERCENT OF NORMAL BATTERY VOLTAGE.

      B. THE UNIT EQUIPMENT SHALL SUPPLY AND MAINTAIN NOT LESS THAN 60 PERCENT OF THE INITIAL EMERGENCY ILLUMINATION FOR A PERIOD OF AT LEAST 1-1/2 HOURS.

   (2) UNIT EQUIPMENT SHALL BE PERMANENTLY FIXED (I.E., NOT PORTABLE) IN PLACE AND SHALL HAVE ALL WIRING TO EACH UNIT INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ANY OF THE WIRING METHODS IN CHAPTER 3. FLEXIBLE CORD-AND-PLUG CONNECTION SHALL BE PERMITTED, PROVIDED THAT THE CORD DOES NOT EXCEED 900 MM (3 FT) IN LENGTH.

   (3) THE BRANCH CIRCUIT FEEDING THE UNIT EQUIPMENT SHALL BE ONE OF THE FOLLOWING:

      A. THE SAME BRANCH CIRCUIT AS THAT SERVING THE NORMAL LIGHTING IN THE AREA AND CONNECTED AHEAD OF ANY LOCAL SWITCHES

      B. WHERE THE NORMAL LIGHTING CIRCUIT IS SERVED BY ONE OR MORE BRANCH CIRCUITS, A SEPARATE BRANCH CIRCUIT, PROVIDED WITH A LOCK-ON FEATURE, THAT ORIGINATES FROM THE SAME PANELBOARD AS THE NORMAL LIGHTING CIRCUITS. THE BRANCH CIRCUIT DISCONNECTING MEANS FOR THIS BRANCH CIRCUIT SHALL BE PROVIDED WITH A LOCK-ON FEATURE.

   (4) THE BRANCH CIRCUIT THAT FEEDS UNIT EQUIPMENT SHALL BE CLEARLY IDENTIFIED AT THE DISTRIBUTION PANEL.

   (5) EMERGENCY LUMINAIRES THAT OBTAIN POWER FROM A UNIT EQUIPMENT AND ARE NOT PART OF THE UNIT EQUIPMENT

SHALL BE WIRED TO THE UNIT EQUIPMENT AS REQUIRED BY 700.10 AND BY ONE OF THE WIRING METHODS OF CHAPTER 3.

(6) REMOTE HEADS PROVIDING LIGHTING FOR THE EXTERIOR OF AN EXIT DOOR SHALL BE PERMITTED TO BE SUPPLIED BY THE UNIT EQUIPMENT SERVING THE AREA IMMEDIATELY INSIDE THE EXIT DOOR.

6. THERE MUST BE A KNOX BOX ON ALL BUILDINGS. KNOX BOXES FOR BUILDING ACCESS BY EMERGENCY PERSONNEL CAN NOW BE ORDERED ONLINE DIRECTLY THROUGH THE KNOX-BOX WEBSITE [KNOXBOX.COM]. WHEN MAKING PURCHASES FROM THEIR WEBSITE, PLEASE MAKE SURE TO CHOOSE "CHEROKEE CO FIRE/EMS" AS THE RESPONDING FIRE DEPARTMENT. CHEROKEE CO FIRE/EMS 1130 BLUFFS PKWY CANTON, GA 30114-5632.

7. FIRE ALARM AND SPRINKLER PLANS ARE TO BE SUBMITTED SEPARATELY BY APPLYING FOR A FIRE PREVENTION PERMIT THROUGH THE CITYVIEW PORTAL.

8. THE CHEROKEE FIRE MARSHAL'S OFFICE DOES NOT ALLOW SPRINKLER PIPES IN THE ATTICS OF NFPA 13 SYSTEMS. ALL SPRINKLER HEADS MUST BE SIDEWALL-TYPE HEADS.".

CLARIFICATIONS

This portion of Addendum No. 1 provides clarifications (C).

ADD1-C1: In the Addendum text herein, locations where existing text was replaced or new text was added are shown in bold and italics (***example***) and locations where existing text was deleted and not replaced are shown in bold and strikethrough (~~**example**~~).

ADD1-C2: The Pre-Bid Conference Minutes (7 pages), including the sign-in sheet, are included as Attachment No. 5.

ATTACHMENTS

No.	Name
1	Section 00 40 00 – Bid Form (13 pages, page 00 40 00-1***R*** through 00 40 00-13***R***)
2	Scope letter (i.e., proposal or quotation) from BCR Environmental dated November 5, 2025 (20 pages)
3	Drawing 01-C-403 – SD Line 1 Plan and Profile (1 page)
4	Drawing 01-C-404 – SD Line 2 Plan and Profile (1 page)
5	Pre-Bid Conference Minutes (7 pages)

END OF ADDENDUM No. 1

SECTION 00 40 00

BID FORM

TABLE OF ARTICLES

1. Bid Recipient
2. Bidder's Acknowledgements
3. Bidder's Representations
4. Bidder's Certifications
5. Basis of Bid
6. Certified List of Subcontractors
7. Certification of Equipment/Materials Manufacturers
8. Time of Completion
9. List of Required Attachments to this Bid
10. Defined Terms
11. Bid Submittal

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

Cherokee County Water & Sewerage Authority
Attention: Corey Ghorley
110 Railroad Street
Canton, Georgia 30114

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the price(s) and within the times indicated in this Bid and in accordance with the Bidding Documents.

ARTICLE 2 – BIDDER'S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Advertisement for Bids and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner. Bidder will sign the Agreement and will furnish the required contract security, and other required documents within the time periods set forth in the Bidding Documents.

ARTICLE 3 – BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, other related data identified in the Bidding Documents, if any, and the following Addenda, receipt of all of which is hereby acknowledged.

Addendum No.	Date Received	Addendum No.	Date Received

B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, performance, and furnishing of the Work, and bidder has not relied upon any oral representations by employees or agents of Owner or Engineer.

C. Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, performance, and furnishing of the Work.

D. Bidder has carefully studied all reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities), if any, that have been identified in have been identified in the Supplementary Conditions as provided in Paragraph 4.02 of the General Conditions as containing reliable "technical data". Bidder acknowledges that such reports and Drawings are not Contract Documents and may not be complete for Bidder's purposes. Bidder acknowledges that Owner and Engineer do not assume responsibility for the accuracy or completeness of

information and data shown or indicated in the Bidding Documents with respect to Underground Facilities at or contiguous to the Site.

E. Bidder has considered the information known to Bidder, information commonly known to contractors doing business in the locality of the Site, information and observations obtained from visits to the Site, the Bidding Documents, and the Site-related reports and drawings identified in the Bidding Documents with respect to the effect of such information, observations, and documents on:

1. The cost, progress and performance or furnishing of the Work

2. The means, methods, techniques, sequences and procedures of construction to be employed by Bidder, including applying any specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents to be employed by Bidder

3. Bidder's safety precautions and programs

F. Based on the information and observations referred to in Paragraph 3.01.E, Bidder does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times required and in accordance with the other terms and conditions of the Bidding Documents.

G. Bidder is aware of the general nature of work (if any) to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.

H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.

I. Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.

ARTICLE 4 – BIDDER'S CERTIFICATIONS

4.01 Bidder certifies that:

A. This Bid is genuine and is not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation;

B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and

D. Bidder has not engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract. For the purposes of the Paragraph 4.01.D.

1. “Corrupt practice” means the offering, giving, or soliciting of anything of value likely to influence the action of a public official in the bidding process

2. ”Fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.

3. “Collusive practice” means to scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.

4. “Coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the amount as listed below. Total bid amount(s) shall be shown in words and numbers. In case of discrepancy, the bid amount shown in words will govern.

A. ITEM 1 - LUMP SUM WORK: Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Fitzgerald Creek WPCP Thermal Dryer Facility Project, including all Work shown on the Drawings and/or specified, excluding PRE-NEGOTIATED COSTS FOR SOLE-SOURCED EQUIPMENT AND SERVICES (ITEM 2), CASH ALLOWANCES (ITEM 3), and UNIT PRICE WORK (ADDITIONAL WORK IF ORDERED BY ENGINEER) (ITEM 4), in the amount of:

_____

_____DOLLARS

($_____).
(Numerals)

B. ITEM 2 - PRE-NEGOTIATED COSTS FOR SOLE-SOURCED EQUIPMENT AND SERVICES

Item No.	Specification Section No.*	Equipment Item	Supplier	Cost
2.1	46 76 70	Indirect Thermal Sludge Drying System	BCR Environmental	***$11,566,932.00 [ADD 1]***
TOTAL PRE-NEGOTIATED EQUIPMENT/SERVICES COST				***$11,566,932.00 [ADD 1]***

* Refer to the referenced Specification Section No.(s), which include the Proposal from each Manufacturer/Provider/Supplier regarding scope to be provided under each sole-source equipment and services bid item at the cost indicated. Contractor shall be responsible for compliance with all requirements of the Contract Documents for all equipment and services provided under said sole-source equipment and services bid item.

C. ITEM 3 - CASH ALLOWANCES

Item No.	Description	Allowance
3.1	Owner Directed Work Items	$800,000.00
TOTAL CASH ALLOWANCES		**$800,000.00**

D. ITEM 4 - UNIT PRICE WORK (ADDITIONAL WORK IF ORDERED BY THE ENGINEER)

Item No.	Description	Approx. Quantity	Units	Unit Price	Extended Price
4.1	Additional Mill and Resurface	400	SY	$	$
4.2	Additional Asphalt, Full Depth	200	SY	$	$
4.3	Additional Concrete Paving, Full Depth	200	SY	$	$
4.4	Additional Concrete Paving Trench Repair	100	SY	$	$
4.5	Additional Select Fill	50	CY	$	$
4.6	Additional Graded Aggregate Base (GAB) for Subgrade Select Fill	40	CY	$	$
4.7	Additional #57 Stone	10	CY	$	$
4.8	Additional Type I Separator Geotextile	100	SY	$	$
4.9	Additional No. 16 AWG Shielded, Twisted Pair Cables	1,000	LF	$	$
4.10	Additional No. 14 AWG Wires	1,500	LF	$	$
4.11	Additional 1” Rigid Galvanized Steel Conduits	300	LF	$	$

Item No.	Description	Approx. Quantity	Units	Unit Price	Extended Price
4.12	Additional 1” Schedule 40 Rigid Nonmetallic PVC Conduits	500	LF	$	$
4.13	Additional 1” PVC-Coated Rigid Galvanized Steel Conduits	300	LF	$	$
TOTAL EXTENDED UNIT PRICE					**$**

TOTAL BASE BID PRICE (INCLUSIVE OF ITEMS 1 – 4): _____

_____

_____ ($_____).

ARTICLE 6 – SUBCONTRACTOR SCHEDULE

Identify the Subcontractors to be used in the performance of work to be done on said Project for the following trades. If the Bidder is licensed in and intends to self-perform a given trade, the Bidder’s name should be listed in the space for Subcontractor for that trade. Changes to this list after the Bid opening shall only be as approved by the Owner upon request by the Contractor or as required by the Owner based on upon review of Subcontractor’s qualifications.

AREA OF SPECIALIZATION	SUBCONTRACTORS
HVAC	
Plumbing	
Fire Protection	
Electrical	
Painting	
Instrumentation and Control System	

It is understood and agreed that, if awarded a Contract, the Contractor will not make any additions, deletions or substitutions to this certified list without the consent of the Owner.

ARTICLE 7 – MAJOR EQUIPMENT MANUFACTURERS/SUPPLIERS

7.01 Major Equipment Schedule: The Bidder agrees to furnish and install, in accordance with the Contract Documents, all items of equipment listed in the Major Equipment Schedule as part of the Lump Sum price stated by the Bidder. All items on the Major Equipment Schedule shall be bid according to the following:

A. The Major Equipment Schedule designates major equipment items to be provided. The Bidder shall indicate which of the specified Manufacturer's/Supplier's Equipment it is offering to provide by circling one of the Named Manufacturers/Suppliers listed. A Named Manufacturer/Supplier for each identified major equipment item shall be circled, even if only one is specified. If the Bidder desires to propose a substitute for any Named Manufacturer/Supplier of a specified item, it shall circle the Named Manufacturer/Supplier it is offering to provide and also shall write in the space provided the name of the offered Substitute Manufacturer/Supplier, unless the words "No Substitutes" is listed in which case only the Named Manufacturer/Supplier shall be circled. Should a Substitute Manufacturer/Supplier be determined "not equal" in the Engineer's discretion, the Bidder must provide the Named Manufacturer/Supplier circled.

B. If none of the Manufacturers/Suppliers are circled for any of the product(s) listed below, the Owner reserves the right either to determine the Bidder non-responsive and reject the Bid or to designate the Manufacturer/Supplier of the product(s) to be provided. No increase in the Contract Price will be allowed should the Owner elect to designate the Manufacturer/Supplier of these product(s).

C. Design of this Project is based upon the named equipment/suppliers as listed in the Owner-Selected Equipment/Supplier Schedule. Should a Bidder propose an equipment/supplier alternate, he shall include in his Bid any and all additional construction costs associated with the alternate and reimbursement to the Owner for any incurred engineering redesign costs associated with the alternate. The Bid shall also include any paid-up licenses necessary for the use of the equipment if required by the manufacturer.

D. Should a proposed and circled write-in alternate be determined "not equal" by the Owner, or should no proposed alternate be indicated, then the Bidder must provide one of the named manufacturer/supplier listed in the Major Equipment Schedule.

Major Equipment Schedule

Section Number	Equipment Name/Description	Manufacturer/Supplier (circle ONE for each equipment item)
26 24 19	Low-Voltage Motor Control Centers (MCC-26)	A. Square D Company B. Allen-Bradley C. ABB

Major Equipment Schedule

Section Number	Equipment Name/Description	Manufacturer/Supplier (circle ONE for each equipment item)
26 29 23	Low-Voltage Variable Frequency Motor Controllers	A. Square D Company B. Rockwell Automation (Allen-Bradley) C. ABB
40 05 59.23	Fabricated Stainless Steel Slide Gates	A. Fontaine-Aquanox Water Control Products B. Hydro Gate (Mueller Co.) C. Rodney Hunt Company (JASH USA) D. RW Gate Company E. Waterman F. Whipps, Inc.
43 25 13.10	Wet Pit Submersible Solids-Handling Pumps	A. Xylem/Flygt B. _____ (or equal)
46 76 42	Screw Conveyors	A. Jim Myers & Sons B. WAM Inc.

NOTE: BIDDER MUST CIRCLE A BASE BID MANUFACTURER FOR EACH EQUIPMENT ITEM.

ARTICLE 8 – TIME OF COMPLETION

8.01 Bidder agrees that the Work will be substantially complete and completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

8.02 Bidder accepts the provisions of the Agreement as to liquidated and special damages in the event of failure to complete the Work within the Contract Time(s) specified in the Agreement.

ARTICLE 9 – ATTACHMENTS TO THIS BID

9.01 The following documents are attached to and made a condition of this Bid:

A. Bid Bond: The required bid security in the form of bid bond, certified check, cashier's check or cash must be included and attached to the Bid Bond form. Bidders who submit Bid Security in the form of a certified check, cashier's check or cash are bound by the "Terms of Bid Bond".

B. Statement of Bidder’s Qualifications

C. Corporate Certificate

D. Contractor's License Certification

E. Security and Immigration Compliance Act Certificate

F. Non-Collusion Affidavit of Bidder

G. Subcontractor Affidavit(s) and Sub-Subcontractor Affidavit(s) (these forms may be submitted by the successful Bidder after Notice of Award is issued but shall be provided prior to Sub-Contractor or Sub-Sub-Contractor performing any Work on the Project and made part of this Bid by reference)

H. Security and Immigration Compliance Act Certificate for all Subcontractors and all Sub-Subcontractors (these forms may be submitted by the successful Bidder after Notice of Award is issued, but shall be provided prior to Subcontractor or Sub-Subcontractor performing any Work on the Project and made part of this Bid by reference)

ARTICLE 10 – DEFINED TERMS

10.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders and the General Conditions and Supplementary Conditions.

THE REMAINDER OF THIS PAGE HAS BEEN LEFT BLANK INTENTIONALLY

ARTICLE 11 – BID SUBMITTAL

11.01 This Bid submitted on _____, 20___ by:

If Bidder is (pick one):

AN INDIVIDUAL

Name: _____
(Typed or Printed)

By: _____
(Individual's Signature)

Doing business as: _____

License or Registration Number: _____

Business Address: _____

_____

_____

Phone No.: _____ Fax No.: _____

E-mail: _____

A PARTNERSHIP

Partnership Name: _____

By: _____
(Signature of General Partner - Attach evidence of authority to sign)

Name: _____
(Typed or Printed)

License or Registration Number: _____

Business Address: _____

_____

_____

Phone No.: _____ Fax No.: _____

Partnership Name: _____

E-mail: _____

CORPORATION

Corporation Name: _____

_____
(State of Incorporation)

By: _____
(Signature – Attach evidence of authority to sign)

Name and Title: _____
(Typed or Printed)

(CORPORATE SEAL)

Attest _____
(Secretary)

License or Registration Number: _____

Business Address: _____

_____

_____

Phone No.: _____ Fax No.: _____

E-mail: _____

LIMITED LIABILITY COMPANY

By: _____
(Firm Name)

_____
(State of Formation)

By: _____
(Signature of Member / Authorized to Sign)

_____
(Printed or Typed Name and Title of Authorized to Sign)
(Attach evidence of authority to sign.)

License or Registration Number: _____

Business Address: _____

_____

_____

Phone No.: _____ Fax No.: _____

E-mail: _____

A JOINT VENTURE

Name of Joint Venture: _____

First Joint Venturer Name: _____

By: _____
(Signature of First Joint Venturer – Attach evidence of authority to sign)

Name (Typed or Printed): _____

Title: _____

Second Joint Venturer Name: _____

By: _____
(Signature of First Joint Venturer – Attach evidence of authority to sign)

Name (Typed or Printed): _____

Title: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, corporation or limited liability company that is a party to the joint venture shall be in the manner indicated above).

Business Address: _____

_____

_____

Phone and fax numbers and address for receipt of communications to joint venture.

Phone No.: _____ Fax No.: _____

E-mail: _____

END OF BID FORM

BIO-SCRU® Biosolids Drying System – Scope Letter

Prepared for:	Hazen and Sawyer
Project:	Fitzgerald Creek WPCP, Thermal Dryer Facility
BCR Project Number:	BCR-0402
Date:	November 5, 2025

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1. SCOPE OF SUPPLY

The below revised scope of supply is included in the proposal for the BIO-SCRU® IC Dryer system, which includes the dryer along with all items required as per original proposal. This revision includes details from the 100% draft design drawings and specifications for CCWSA Project No. 2022_007, and Hazen Project No. 32307-007, dated October 2025.

Remainder of page left intentionally blank.

QTY.	Description	By BCR	Comments
2	Dewatered Cake Feed Hoppers	✓	The hoppers have a capacity of 30 cubic yards and shall be manufactured with: • Live bottom and Hopper Top wetted parts, SS304 with SS external welded stiffeners. Structural supports of CS - bolted. CS and painted in external system. • Hopper top/Lid: closed with 2 x gravity drop cake inlets from dewatering conveyors, air exchange vent w/ gooseneck/bird mesh, access manways (2), and level transmitter. • Twin (2) live bottom shafted ribbon screws (of stainless steel), with inverter duty motor, zero speed switches. • (2) Leveling screws, with inverter duty motor. • Other instrumentation Includes weight cells, hopper outlet Isolation gate valve (rectangular) with electric automatic operator, and hand/off/auto switch station • Includes custom stainless steel (3/16" thick) adapter chute to connect hopper outlet flange to pump inlet flange, includes bolting and gasketing. • Includes touch up paint kit for external surfaces • Includes air ride style shaft seals for all shaft penetrations (8 per hopper) and an air prep manifold with isolation valve, filter, and individual air pressure regulators. Instrument tubing from manifold to air ride shaft seals included. • Hopper structure designed/certified by PE licensed in GA • BCR will install bearing grease point line extensions to ground level upon consulting with operators for preferred position Note 1

Contractor Notes:

1. Feed Hopper is delivered fully assembled. Requires lift capacity of 18T. Crane lift preferred using spreader bar. Instruments removed for shipment, stored in crates, require installation on site. Requires electrical and instrument tie ins and anchoring as called for on plans. Anchors supplied by BCR. Adaptor chute requires a field weld between chute and flange face to meet exact installed Z dimension (after pump is set in place and anchored). Hand switches require mounting as per site requirements. Air prep manifold requires contractor to bring compressed air to inlet isolation valve as shown on drawings.

QTY.	Description	By BCR	Comments
2	Feed Pump Assembly	✓	Progressive Cavity Feed Pump, detailed below: • Design Discharge Pressure PSI(G): 300 • Motor Horsepower (HP): 25 • Pump Make and Model: Netzsch Nemo NM076SO06S36B.2 FSIP.2 (for maintain in place operations) • Temperature probe, with transmitter (4-20 mA) for dry run protection. • Onyx ring with pressure transmitter and local gauge for overpressure protection. • Feed throat pressure transmitter (4-20 mA) and diaphragm isolator for underfeed protection. • Includes 12" 300# automated (electric actuator) gate valve (DeZurik or equal) for outlet isolation from shared discharge line. • Includes Boundary layer injection ring for potential future use (if required) – does not include BL injection pump/system • Hand/Off/Auto switch station Note 2
1	Feed Piping System	✓	Dewatered Solids Piping system, detailed below: • Detailed design of Piping system, including isometric drawings, assembly drawings - to ASME B31.1 design • Supply of all required Pipe, fittings, gaskets, bolting, instruments, and ground mounted supports to suit. • Piping system to be 304 stainless steel pipe, Sch40, joint system to be grooved fittings, with SS hardware. • Includes main line expansion fitting coordinated with dryer thermal expansion (of CS/DI, with appropriate galvanic corrosion isolation, mounted inside). • Piping supports to be hot dipped galvanized or SS304, with feet for anchoring (structural supports to designed/stamped by PE licensed in GA). Where galvanized, appropriate galvanic corrosion isolation shall be provided. Note 3

Contractor Notes:

2. Feed Pump is delivered with instrumentation removed and in crating. Reassembly of instrumentation required at site, as well as installation in concert with hopper and feed chute adapter. Hand switch requires mounting as per site requirements. Requires electrical and instrument tie ins and anchoring (supplied by BCR) as called for on plans.
3. Feed piping system is delivered disassembled, with match marking for assembly instruction. Due to field variances from design, a minimum of two field welds per axis (X, Y, Z) should be planned for by contractor, during assembly and fit-up. Contractor is responsible for any heat tracing/insulation (not included by BCR). BCR supplies required anchor bolts.

QTY.	Description	By BCR	Comments
Indirect Screw Dryer			
1	Dryer	✓	BIO -SCRU® IC 10000 Dryer with integrated HOLO -SCRU® rotors - CS MOC With structural support legs Note 4
lot	Dryer Access Platform and Stairs	✓	As per project specification (to be designed/stamped by PE licensed in GA). Note 5
1	Discharge Conveyor	✓	Discharge Screw Conveyor 304SS MOC Housing and Carbon steel Auger. Note 6
1	Cooling Screw	✓	Hollow Shaft Design w/ a Tubular Housing complete w/ Support Stand (to be designed/stamped by PE licensed in GA) - 304SS MOC wetted materials, CS Jacket MOC Note 7
1	Rotary Valve	✓	Motor-driven, 304SS wetted materials Note 8
1	Condenser System	✓	3-stage, spray, direct-contact with separator tank with drain trap, 304 and 316SS MOC Note 9
1	Oxygen Sensor	✓	Located at vent, 0-21%v/v. Meets NFPA 69 requirements Note 10
1	Foul (Exhaust) Fan	✓	Stainless Steel Blower -Radial fume exhauster, 1.5 HP, 1800 RPM, 460VAC/3P/60Hz (New York Blower, Compact GI Size 105) Note 11
1	Dryer Thermal Fluid Piping Manifold	✓	Dryer Thermal Fluid Distribution Manifold w/ Isolation Valves and instruments (Located on Dryer Skid) Note 12

Contractor Notes:

4. The dryer is delivered preassembled to skid, with all on skid instruments pre-wired to RIO panel. Structural legs are delivered unassembled to dryer for shipment height limitations. All items on the skid are pre-insulated or provided with removable insulation blankets if access required. Contractor to provide lift of dryer (50T) to assembled, anchored legs, and assemble with bolts after leveling/anchoring (BCR supplies all bolting and anchor bolts). RIO panel requires electrical, data, and instrument tie in on site.
5. Access platform is minorly disassembled (left as whole as possible to ship), legs separate from platform sections, railing with toe board, stairs etc. Requires site assembly after factory assembly, match mark, knockdown process. BCR supplies all bolting and anchor bolts.
6. Discharge conveyor is shipped separately on pallet, to be assembled as a single piece to dryer/cooling screw. Temperature sensor and zero speed switch to be reassembled on site

(shipped in instrument crating). Requires electrical and instrument tie in. Requires re-assembly of BCR provided insultation blanket after mechanical and electrical installation.

7. Cooling screw is shipped separately on pallet(s), to be assembled to dryer/cooling screw. The piping associated with the cooling screw requires field re-assembly after factory assembly, match mark, knockdown. Requires electrical and instrument tie in. Supplied with stanchion ground mounted support and bolting, includes anchor bolting. Includes temporary/mobile access platform coordinated with owner preference (forklift or standalone) to service elevated components.
8. Rotary valve is shipped separately on pallet, to be assembled to cooling screw outlet. The zero-speed switch will be shipped in instrument crating and require assembly to rotary valve by contractor. Requires electrical and instrument tie in.
9. Condenser is shipped in 3 major sections, with hoses and instrumentation separately. Requires site re-assembly after factory assembly, match mark, knockdown. Requires instrument tie in. Includes supply of multiple loose instruments that are incorporated downstream of condenser into contractors scope of piping.
10. O2 sensor is shipped separately in instrument crating, requires mechanical assembly to condenser and instrument tie in.
11. Foul air fan assembled as a factory unit, requires placement and connection to condenser foul air outlet and electrical tie in. Anchor bolting supplied by BCR.
12. Dryer thermal fluid manifold is shipped on pallets. Requires site re-assembly after factory assembly, match mark, knockdown. Requires instrument install and tie in. Hot Oil rotary union requires millwright assembly to tight tolerance and specific procedure (Hold point for BCR to supervise).

QTY.	Description	By BCR	Comments
Nitrogen Generator			
1	Air Compressor	✓	Fully automatic system and includes following components: • Oil Injected Screw Air Compressor (15 hp) • Mist Eliminator and Desiccant Dryer (heatless regeneration) • 120-gallon dry air receiver tank with zero loss drain • Oil/Water Separator/Filter for condensate • All necessary pressure instrumentation & control system. Note 13
1	Nitrogen Generator	✓	Fully automatic system and includes following components: • Coalescing/Charcoal/Particulate Pre-Filter • PSA Nitrogen generator • 80 Gallon receiver tank • Incoming Air Pressure Dew Point, and outgoing Nitrogen product Oxygen Analyzer • All necessary pressure instrumentation & control system. Note 14
1	Nitrogen/Air Piping System	✓	Small diameter piping system includes following components: • All required piping, supports, valves, fittings to distribute nitrogen and compressed air to the required usage points on the thermal dryer system. • Supports assumed to be Unistrut mount, rigid support with cushion isolator from ground or overhead • Includes High pressure Nitrogen dry backup manifold, with all necessary regulators, valves, gauges, flexible hose whips etc. for wall mounted dry gas backup bottles. Number of bottles TBD during final engineering. Complete with bottle safety restraint system Note 15

Contractor Notes:

13. Air compressor and air dryer is a cabinet type (combined in a single cabinet). Shipped on pallet to site (including loose receiver tank, and oil/water separator). Requires site assembly to factory direction, with anchoring, interconnecting piping, electrical and instrument tie in to plans. Requires 3 ph 460V and 120V tie in (two 120V points, one for desiccant dryer, the other for zero loss drain on air receiver)
14. Nitrogen Generator is a cabinet type. Shipped on pallet to site (including loose receiver tank, combo air filter). Requires site assembly to factory direction, with anchoring, interconnecting piping, electrical and instrument tie in to plans.
15. Nitrogen/Air piping system is predesigned, and comes with installation diagrams/instructions. Pipe sections come in standard lengths, so cutting is required. Fittings are push to connect type (RapidAire or eq.). Standard Unistrut materials and supports supplied (HDG), to be applied as directed, but requires cutting, fixing (BCR supplies anchor bolts as required). Dry gas backup bottle manifold shipped loose for field mounting/assembly by contractor. Dry gas bottles to be provided by customer/others. Safety restraints wall mounted by contractor.

QTY.	Description	By BCR	Comments
Thermal Fluid Heater			
1	Thermal Fluid Heater System	✓	Skid Mounted package as detailed below. • Heater: 12 MMBTU/hr w/ low (NOx) emissions burner. • NEMA 4x UL listed panels, one for burner/fuel train controls, the other for motor controls (mounted on equipment) • One (1) centrifugal pump for circulation of thermal fluid. One additional spare pump (with motor – complete) supplied as shelf spare. • One (1) Combustion Fans integrated to burner • NFPA 85 fuel train (NG) • 1000 gallon thermal fluid expansion tank with Nitrogen gas Blanket. • 200 gallon catch tank complete with a relief port Note 16
1	Thermal Fluid Stack	✓	Stainless Steel Exhaust Stack as per design drawings/spec • Includes self supported stack with base (to be designed/stamped by PE licensed in GA), barometric damper, sample ports Note 17
1	Thermal Fluid Piping System	✓	Thermal Fluid Piping system, detailed below: • Detailed design of Piping system, including isometric drawings, assembly drawings - to ASME B31.1 design • Supply of all required Pipe, fittings, gaskets, bolting, valves, instruments, insulation, and ground mounted supports to suit. Expansion fittings included to suit thermal expansion stress relief. • Piping system to be carbon steel Sch 40, externally painted with approved coating system, joint system to be 300# flanged. • Piping supports to be hot dipped galvanized, with feet for floor anchoring. Note 18
1	Thermal Fluid Filter (Side Stream)	✓	Skid Mounted package as detailed below. • Side stream filter, housing 6 x 30” L x 2.5” OD cartridge filters • With isolation valves, pressure gauges, and indicating flow- meter. • Integrated drip pan Note 19

Contractor Notes:

16. Thermal Fluid Heater is modularly disassembled to shipping dimensions and laid flat due to overhead height. Max lift 20T. Requires site assembly after factory assembly, match mark, knockdown. Requires re-terminating uninstalled instruments from factory, electrical and instrument tie-in. BCR to supply anchor bolting.
17. Thermal Fluid Stack is shipped in sections, with butt welding required to install sections (by contractor), comes with detailed instructions for assembly. Includes a heat barrier that

is ground mounted to avoid insulation within OSHA boundary limits. Contractor to plan for/design wall interface/flashing.

18. Thermal Fluid Piping System is prefabricated, match marked and shipped separately on pallets. Contractor to install. Plan on at least 2 field welds in all axes (X,Y,Z). Insulation is not prefabricated, but included as material only, for installation by contractor after erection, testing and paint touch up. Anchor bolting is included by BCR.
19. Thermal Fluid Filter (Side Stream) shipped factory assembled as a single unit, requires contractor tie in to hot oil plumbing (supplied by BCR). Anchor bolting is included by BCR. Supplied with 24 x 100 micron filters, and 16 x 50 micron filters.

QTY.	Description	By BCR	Comments
Odor Control Units			
1	Dryer Foul (exhaust) Air Odor Filter	✓	Solid media Chemisorption unit includes: • No fan (Passive), media tank capable to 500 cfm flow rate. • Chemisorption Media (17 ft3), mist eliminator, DP gauge, Mounted on Aluminum channel skid Note 20

Contractor Notes:

20. The odor filter tank is shipped on a skid. Contractor to assemble mist eliminator and DP gauge in line with ducting, supported by contractor provided ground mount (Unistrut typical). BCR to supply ducting of 4" CPVC material from foul air blower to odor filter. Contractor to supply duct mounting and supports.

QTY.	Description	By BCR	By Contractor	Comments
Electrical & Instrumentation				
Lot	Transmitter/Field Devices	✓		As per BCR and Plan P&ID
Lot	Control Panel– PLC/HMI	✓		Includes main control panel, centralized UPS for panel low voltage supply with distribution load center and racking (all in elec. room). Includes thermal fluid heater control panels, and remote I/O panel for dryer. Includes field mounted HOA and E-stop button operator boxes as required per spec and code. Included hardened operator interface terminal for complete operator control near dryer unit (field mounted on included pedestal).
Lot	Transformers/Switchgear		✓	
Lot	Motor Disconnects		✓	
Lot	Variable-Frequency motor drives	✓		Only for BCR Supplied Motors. Supplied in panel format as per specification including power meter. All motors driven by VFD include thermal protection switch in motor.
Lot	Supply & termination of power supply to BCR control		✓	There will be multiple panels that power supply needs to be terminated.
Lot	Building lighting		✓	
Lot	Electrical & Pneumatic works onsite		✓	Components supplied loose or interconnect between the skids
Documentation				
Lot	P&ID	✓		Process & Instrumentation Diagram
Lot	Process Flow Diagram (PFD)	✓		
Lot	General Arrangement (GA)	✓		Includes Anchor bolts details
Lot	Electrical Single Line Drawing	✓		
Lot	O&M Manual	✓		Operation & Maintenance Manual
Testing & Inspection				
Lot	Factory Acceptance Test	✓		At BCR fabrication facility
Lot	QC Inspections	✓		BCR Internal Quality Assurance
Lot	Field Performance Test	✓		

QTY.	Description	By BCR	By Contractor	Comments
Construction				
Lot	Temporary Facilities		✓	On-site for storage
Lot	Site Grading, roads etc.,		✓	
Lot	Civil/Foundation Work		✓	
Lot	Buildings, HVAC, Emission control		✓	
Lot	Job Site Unloading & Storage		✓	
Lot	Field Installation Labor, Materials, and Equipment		✓	Includes all mechanical piping, duct work & electrical interconnection.
Site Services				
Lot	Packing and Marking for Shipment	✓		
Lot	Delivery & freight to job site	✓		
Lot	Installation Supervision	✓		Included, as per specification
Lot	Start-up and Testing Supervision	✓		
Lot	Training of O & M Personnel	✓		
Lot	Any Local, State or Federal Permits		✓	
Consumables				
Lot	First Fill of lubricants & chemicals	✓		
Lot	Electric Power, Water, and Fuel		✓	For Construction, Pre-commissioning, Start-up, and Operation
Lot	Spare Parts	✓		See Section 3 for Preliminary Spare parts list, as per specification requirements

2. PRICING & TERMS

Item	Qty	Item Description	Price/Unit	Total price
Dryer System	1	IC-10000 Dryer System as above scope of supply	$11,200,932	$11,200,932
Site Labor	1	Site labor as described in above scope of supply	$245,000	$245,000
Spare Parts	1	Spare Parts as per Manufacturer recommendation and specification required	$121,000	$121,000

Incoterms: FOB, Jobsite (Attn: [Contractor], 260 Colemans Bluff Drive, Woodstock, Georgia 30188)

Price Validity: January 31,2026.

Notes:

1. Standard Incoterms apply to Delivery.
2. Prices assume delivery of equipment to site by Q1 2027
3. *All Prices are in US Dollars. Price does not include any local, state or federal taxes or custom duties or other taxes.*
4. *BCR Inc. Standard Terms and Conditions will apply to items or equipment purchased under this proposal.*
5. *Equipment sold by BCR contains intellectual property; BCR will not transfer title to such intellectual property by way of sale of equipment. Drawings and data provided will remain the property of BCR.*

2.1 PAYMENT TERMS

5% at purchase order approval
20% with approved submittal drawings (as per schedule of values)
25% with release to manufacture (as per schedule of values)
40% with equipment delivered to site (as per schedule of values) NTE 45 days from BCR notification of equipment ready to ship
10% with completion of start-up and training

The formal contract between the Contractor and BCR Environmental, which shall be based on this scope letter (i.e., proposal), for this pre-negotiated equipment and these professional services shall be subject to the requirements of Division 00 – Procurement and Contracting Requirements and Division 01 – General Requirements, including, but not limited to, those for payment terms, withholding of retainage, and non-responsiveness, of the Contractor's construction Contract with the Owner (Cherokee County Water & Sewerage Authority) for this Project. However, the Owner will make partial payment to the Contractor for purchase order approval, approved submittal drawings, release to manufacture, delivery of equipment, and completion of start-up and training in accordance with the payment terms listed in this quotation.

The NTE dates of terms above relay clarity on project timing when delays occur that are NOT attributable to BCR.

If long term outdoor storage is required (> 14 calendar days), additional preparation costs will be provided to prepare equipment for long term outdoor storage, or an alternative storage arrangement (at manufacturer) and ship in place can be provided – with potential costs.

Partial payment percentages exclude the cost of site labor (installation supervision, checkout and startup, training, etc.), which shall be invoiced after completion of said labor.

3. 2025 FIELD SERVICE RATES

Purpose: To set standard labor rates for non-contracted work.
Term: Effective 02/01/2025 until further notice.

3.1 Services Included:

The proposal includes services of system trained representative(s) as detailed below:

Purpose	Number of Days
Installation Supervision services (one tech/engineer)	10 Days, 2 Trips
Checking equipment after contractor Installation Mechanical (one tech, one engineer)	5 Days, 1 Trip
Control System tests after contractor installation (one tech, one engineer)	5 Days, 1 Trip
Integrated System Test Commissioning (one technician, two engineers)	5 Days, 1 Trip
Performance Test (one technician, two engineers)	5 Days, 1 Trips
Training (one engineer) as per specification	11 Days, 3 Trips
MCC/VFD Commissioning (one engineer)	3 Days, 2 Trip
Follow up Graphic Screen Development (one engineer – remote)	2 Days, 0 Trip

3.2 Other, Non-Contracted Service Rates:

Provide repair and maintenance services as requested at the following discounted service agreement rates:

Field Service Normal Rates:

Mon-Fri..... $188/HR

Sat/Sun/Holidays..... $376/HR

Overtime Rate ..... $282/HR Travel Rate

..... $136/HR Expenses – Actual expenses for travel, lodging, & meals.

Engineering & Project Management Normal Rates:

Mon-Fri..... $214/HR

Sat/Sun/Holidays..... $430/HR

Travel Rate ..... $136/HR Expenses – Actual expenses for travel, lodging, & meals.

3.3 Manufacturer Recommended Spare Parts Included:

Part Description	Quantity
Hopper flange gasket set	1 Set
Dryer, Condenser, Discharge and Cooling screw flange gasket set – includes all dryer housing gaskets	1 Set
Thermal fluid special gaskets	1 Set
Rotary Joint rebuild kit	2 Set
Solid lube bearing carbon liner replacements	2 Set
3/4" and ½" John crane packing (each)	50 ft
Thermocouple 12" long	2
Thermocouple 24" long	2
Air compressor and Nitrogen PM kit (2 yrs)	1 Kit
Thermal fluid heater cartridge filters	See section above for detail
Thermal fluid heater pump rebuild kit	1 Kit
Oxygen sensor PM	1 Kit
Progressive Cavity Pump Recommended spares	2 Kit
Recommended Electrical and Control spares	1 Kit

Notes:

1. BCR will confirm the above list after the completion of the detailed design. The price for the above list and final list is in BCR's scope of supply and shall meet specification required spares for all BCR provided equipment.

4. TERMS AND CONDITIONS OF PURCHASE

1. **TERMS APPLICABLE:** The Terms and Conditions of Sale listed below are the exclusive terms and conditions applicable to quotations made and orders acknowledged by BCR Environmental, Corp. ("Seller") for the sales of products, equipment and parts relating thereto ("Products"). This quotation or acknowledgment is expressly made conditional upon Buyer's assent to such terms and conditions. Any of Buyer's terms and conditions which are in addition to or different from those contained herein, which are not separately agreed to by Seller in writing, are hereby objected to and shall be of no effect. Objections to any terms and conditions contained herein shall be deemed waived if Seller does not receive written notice thereof within 20 days of the date of this quotation or acknowledgment. Buyer in any event will be deemed to have assented to the terms and conditions contained herein if delivery of any Product is accepted. The term "this Agreement" as used herein means this quotation or acknowledgment or purchase order, together with BCR's proposal and any attachment hereto, any documents expressly incorporated by reference and these Standard Terms and Conditions of Sale. Terms are cash unless otherwise agreed upon in writing.

2. **TERMS OF PAYMENT**: All invoices are due and payable in Jacksonville, FL. All credit sales are due in full according to the schedule in the proposal Payment Terms. Accounts past due shall accrue interest at 2% per month or the highest lawful rate allowed by applicable law. Prices and design are subject to change without prior notice.

3. **ACCEPTANCE:** The terms and conditions of this Offer for Sale shall apply and become a part of the contract between Seller and Buyer unless specifically changed in writing and signed by an executive officer of Seller. The terms and conditions of this Offer for Sale shall in all cases, without exception, control and take precedence over any terms and conditions in Buyer's acceptance. Buyer's acceptance of this Offer for Sale shall be prima facie evidence of acceptance by Buyer of Seller's terms and conditions as controlling. Any conflicting terms and conditions in any document (including our proposal), Buyer's purchase order, acknowledgement or other document utilized by Buyer in this transaction, are expressly rejected by Seller.

4. **FORCE MAJEURE:** (a) Force Majeure Defined. For the purpose of this Agreement "Force Majeure" will mean all unforeseeable events, beyond the reasonable control of either party which affect the performance of this Agreement, including, without limitation, acts of God, acts or advisories of governmental or quasi-governmental authorities, laws or regulations, strikes, lockouts or other industrial disturbances, acts of public enemy, wars, insurrections, riots, epidemics, pandemics, outbreaks of infectious disease or other threats to public health, lightning, earthquakes, fires, storms, severe weather, floods, sabotage, delays in transportation, rejection of main forgings and castings, lack of available shipping by land, sea or air, lack of dock lighterage or loading or unloading facilities, inability to obtain labor or materials from usual sources, serious accidents involving the work of suppliers or sub-suppliers, thefts and explosions.

(b) Suspension of Obligations. If Seller is unable to carry out its obligations under this Agreement due to Force Majeure, and the Seller promptly notifies the Buyer of such delay, then all obligation that are affected by Force Majeure will be suspended or reduced for the period of Force Majeure and for such additional time as is required to resume the performance of its obligations, and the delivery schedule will be adjusted to account for the delay.

5. **WARRANTY:** (a) Seller warrants to Buyer that the Products manufactured by it will be delivered free from defects in material and workmanship. This warranty shall commence upon delivery of the Products and shall expire on the earlier to occur of 24 months from initial operation of the Products or 30 months from delivery thereof (the "Warranty Period"). If during the Warranty Period Buyer discovers a defect in material or workmanship and within 10 days of such discovery gives Seller written notice thereof, Seller will either deliver to Buyer a replacement part, or repair the defect at jobsite for non-removable equipment. Seller will pay labor or provide labor. Seller will have no warranty obligations under this paragraph 5(a): (i) if the Products have not been operated and maintained in accordance with generally approved industry practice and with Seller's specific written instructions; (ii) if the Products are used in connection with any mixture or substance or operating condition other than that for which they were designed; (iii) if Buyer fails to give Seller such written notice within 10 day of the discovery; (iv) if the Products are repaired by someone other than Seller or have been intentionally or accidentally damaged; (v) for corrosion, erosion, ordinary wear and tear or in respect of any parts which by their nature are exposed to severe wear and tear or are considered expendable, (vi) if all payments have not been made. If remote monitoring is not enabled, a $2500.00 deductible applies to all Warranty work. Finished materials and accessories purchased from other manufacturers are only warranted to the extent of the original manufacturer's warranty.

(b) Seller further warrants to Buyer that at delivery, the Products manufactured by it will be free of any liens or encumbrances. If there are any such liens or encumbrances, Seller will cause them to be discharged promptly after notification from Buyer of their existence.

(c) **THE EXPRESS WARRANTIES SELLER MAKES IN THIS PARAGRAPH 5 ARE THE ONLY WARRANTIES IT WILL MAKE. THERE ARE NO OTHER WARRANTIES, WHETHER STATUTORY, ORAL, EXPRESS OR IMPLIED. IN PARTICULAR, THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SELLER'S LIABILITY FOR WARRANTY REPAIR OR REPLACEMENT SHALL NOT EXCEED THE AMOUNT PAID BY BUYER FOR THE ITEMS PURCHASED.**

(d) The remedies provided in paragraphs 5(a) and 5(b) are Buyer's exclusive remedy for breach of warranty.

(e) With respect to any Product or part thereof not manufactured by Seller, Seller shall pass on to Buyer only those warranties made to Seller by the manufacturer of such Product or part which are capable of being so passed on.

6. **LIMITATION OF LIABILITY**: Notwithstanding any other provision in this Agreement, the following limitations of liability shall apply: (a) In no event, whether based on contract, tort (including negligence), strict liability or otherwise, shall Seller, its officers, directors, employees, subcontractors, suppliers or affiliated companies be liable to Buyer or any third party for loss of profits, revenue or business opportunity, loss by reason of shutdown of facilities or inability to operate any facility at full capacity, or cost of obtaining other means for performing the functions performed by the Products, loss of future contracts, claims of customers, cost of money or loss of use of capital, in each case whether or not foreseeable, or for any indirect, special, punitive, incidental or consequential damages of any nature.

(b) The aggregate liability of Seller, its officers, directors, employees, subcontractors, suppliers or affiliated companies, for all claims of any kind for any loss, damage, or expense resulting from, arising out of or connected with the Products or this Agreement or from the performance or breach thereof, together with the cost of performing make good obligations to pass performance tests, if

applicable, shall in no event exceed the lesser of the amount paid by Buyer or contract price. The foregoing notwithstanding, if applicable, any claims for (i) delay in delivery shall not exceed 5% of the sum of money received by Seller and (ii) breach of performance guarantees (if any apply) shall not exceed 10% of the order price.

(c) The limitations and exclusions of liability set forth in this paragraph 6 shall take precedence over any other provision of this Agreement and shall apply whether the claim of liability is based on contract, warranty, tort (including negligence), strict liability, indemnity, or otherwise. The remedies provided in this Agreement are Buyer's exclusive remedies.

(d) All liability of Seller, its officers, directors, employees, subcontractors, suppliers or affiliated companies, resulting from, arising out of or connected with the Products or this Agreement or from the performance or breach thereof shall terminate on the second anniversary of the date of this Agreement.

7. **INDEMNITY:** Buyer agrees to indemnify and hold Seller harmless for loss due to any fines, penalties and corrective measures necessary to comply with laws, rules and regulations, as well as injuries, losses or claims in connection with the Buyer's use or operation of the Products. Seller agrees to indemnify and hold Buyer harmless for loss due to any fines, penalties and corrective measures necessary to comply with laws, rules and regulations in connection with the design or manufacture of purchased Products.

8. **CANCELLATION BY PURCHASER:** The proposed system is sold on a final, non-cancelable, non-returnable, non-refundable basis. Buyer agrees to complete the payment commitments as outlined in the Payment Terms captured in the attached Firm Proposal.

9. **DELIVERY:** The price and delivery of all Products, are Ex Works (according to Incoterms 2010) Seller's factory. All shipments are made Ex Works our plant. If the purchase price has been paid in full prior to shipment, then title to the Products shall pass to Buyer when the Products are duly delivered to the carrier (Carrier) selected by Buyer or, at Buyer's request, by Seller, at Seller's factory, except where Buyer requests a delay in shipment, in which case the title shall pass to the Buyer when the Products are ready for shipment. If Buyer requests a delay in shipment, then Buyer shall pay Seller's standard storage charges for the period from the date Products are ready for shipment to the actual date of shipment, Buyer will provide a certificate of insurance for the product while it is being stored. If the purchase price has not been paid in full, title to Products does not pass from Seller to Buyer until Seller receives payment in full. Buyer expressly agrees not to commercially operate the Products until Seller has received payment in full.

10. **RISK OF LOSS:** The risk of loss to the Products shall pass to Buyer when the Products are duly delivered to the Carrier at Seller's factory or earlier if title passes to Buyer as listed above. The processing of freight claims or loss claims is the responsibility of Buyer.

11. CONFIDENTIALITY: Buyer acknowledges that the information which Seller submits to Buyer in connection with this quotation or acknowledgment includes Seller's confidential and proprietary information, both of a technical and commercial nature and it is subject to the Non-Disclose and Confidentiality Agreement executed by Buyer. Buyer agrees not to disclose such information to third parties without Seller's prior written consent. Seller grants to Buyer a non-exclusive, royalty free, perpetual license to use Seller's confidential and proprietary information for purposes of this specific order and the Products that are the subject hereof only. In addition to any separate obligations under the Non- Disclosure and Confidentiality Agreement, Buyer further agrees not to permit any third party to fabricate the Products or any parts thereof from Seller's drawings (or other information) or to use the drawings (or other information) other than in connection with this specific order. Buyer will defend and indemnify Seller from any claim, suit or liability based on personal injury (including death) or property damage related to any Product or part thereof which is fabricated by a third party without Seller's prior written consent and from and against related costs, charges and expenses (including attorney's fees). All copies of Seller's drawings shall remain Seller's property and may be reclaimed by Seller at any time.

12. **INTELLECTUAL PROPERTY**: All intellectual property of Seller shall remain the exclusive property of Seller and no license to pre-existing intellectual property will be created by this Agreement. Any new intellectual property developed by Buyer that includes or incorporates the Products shall also be owned by Seller.

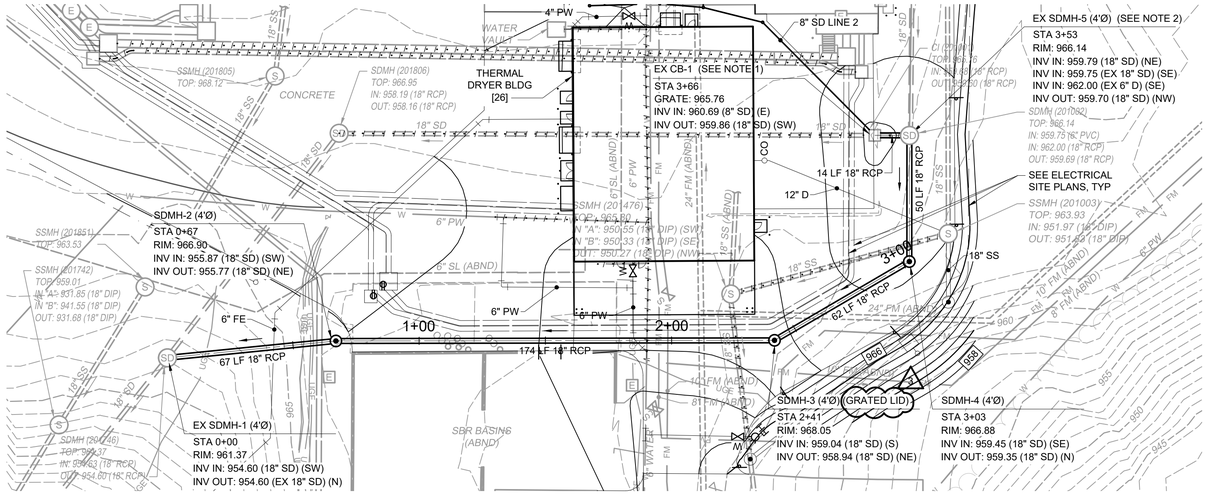
13. **LAW:** The rights and obligations of the parties shall be governed by the domestic laws of the State and County of Cherokee County, Georgia without regard to its conflict of law rules or the United Nations Convention for the International Sale of Goods.

14. **ARBITRATION:** Any dispute, controversy or claim arising under this agreement or the breach thereof, shall be settled by arbitration administered by the American Arbitration Association in Canton, GA Texas, pursuant to the American Arbitration Association Commercial Arbitration rules. The parties shall jointly select one arbitrator and the decision of the arbitrator shall be final and binding on the parties and enforceable in any court of competent jurisdiction. Each party shall bear its own costs and expenses and an equal share of the arbitrator's and administrative fees of arbitration. The prevailing party may, at the arbitrator's sole discretion, award reasonable attorney fees. Except as may be required by law, neither party nor an arbitrator may disclose the existence, content, or results of any arbitration hereunder without the prior written consent of both parties.

15. **ENTIRE AGREEMENT**: This Offer, together with the Non-Disclosure and Confidentiality Agreement ("NDA"), contains the entire agreement between Seller and Buyer, and no modification of this Offer or NDA shall be binding upon Seller unless evidenced by an agreement in writing signed by an executive officer of Seller after the date hereof. No oral or written statements by Seller's sales representatives, or other agents, made after the date hereof shall modify or vary the express terms hereof unless evidenced by an agreement in writing signed by an executive officer of Seller after the date hereof. To the extent any advertising or promotional material of Seller contradicts or disagrees with the terms hereof, Seller and Buyer agree that the terms hereof shall control and that such advertising and/or promotional materials are not part of the Agreement between Seller and Buyer.

16. **SECURITY INTEREST:** To secure payment for Products, Buyer grants to Seller a security interest in the Products and agrees that Seller shall have the rights and remedies of a secured party under the Uniform Commercial Code. Buyer designates Seller as its attorney-in-fact to execute any financing statements on behalf of Buyer necessary to perfect such security interest.

17. **TAXES:** Prices on the products sold buy Seller are exclusive of any city, state, federal or foreign taxes or duties, of any kind. Buyer is responsible for all such taxes and duties and agrees to indemnify Seller for all taxes and duties that may be assessed upon Seller



PLAN
SCALE: 1" = 30'

NOTES:

1. REMOVE EXISTING HOOD. ADJUST FRAME AND GRATE ELEVATION AS NEEDED.
2. CONTRACTOR SHALL ADJUST FRAME AND LID AS NEEDED.
3. SEE CHEROKEE COUNTY STORMWATER NOTES ON DRAWING 01-C-302.
4. STRUCTURAL ANCHOR BLOCKS MUST BE PROVIDED FOR ALL STORM DRAINS TO BE INSTALLED AT OR OVER 15% SLOPE.

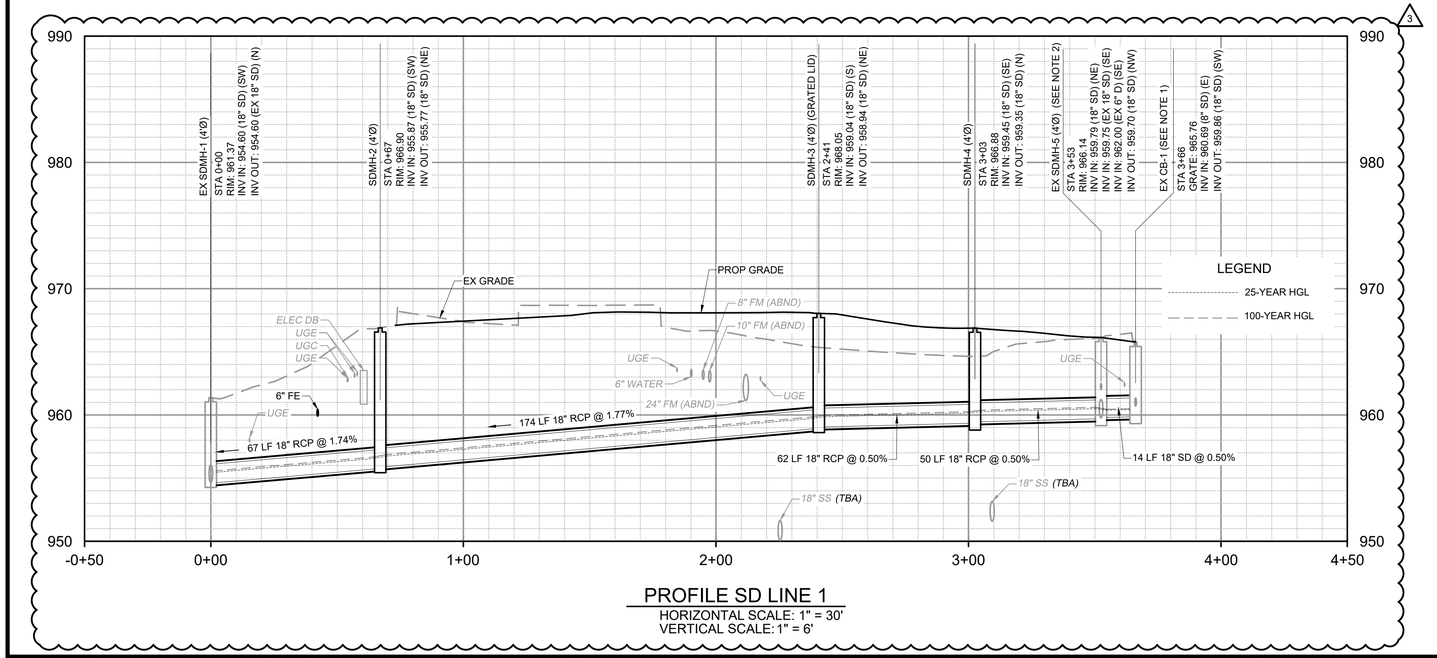
CHEROKEE COUNTY STORMWATER PIPE PROFILE NOTES:

1. ANY STRUCTURE PLACED COMPLETELY WITHIN FILL MUST HAVE 98% STANDARD PROCTOR COMPACTION.
2. ALL METAL PIPE SHALL BE FULLY COATED OR ALUMINIZED.
3. ANY STRUCTURE PLACED COMPLETELY WITHIN FILL MUST HAVE 98% STANDARD PROCTOR COMPACTION.
4. ALL HDPE PIPE SHALL INCLUDE BEDDING DETAILS PER THE MANUFACTURER ON THE PLANS;INCLUDE THE FOLLOWING NOTES ON THE PROFILE SHEETS FOR HDPE PIPE.
5. HIGH-DENSITY POLYETHYLENE PIPE (HDPE) SHALL MEET AASHTO M-294 TYPE "S" WITH AN ANNULAR EXTERIOR AND SMOOTH INTERIOR. PIPE SHALL CONSIST OF A BELL AND SPIGOT JOINT INCORPORATING AN F477 GASKET TO INSURE A LEAK-TIGHT PERFORMANCE HDPE PIPE SHALL BE BACK FILLED BY CONCURRENTLY APPLYING 8" LIFTS ON EACH SIDE OF THE PIPE USING TWO (2) TAMPS (ONE FOR EACH SIDE). BACKFILL SOIL SHALL CONFORM TO CLASS II, B2 OF THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES, CURRENT EDITION. ANY MANUFACTURER'S SPECIFICATIONS FOR HDPE PIPE EXCEEDING THIS REQUIREMENTS SHALL APPLY WHERE APPLICABLE.
6. HDPE PIPE MUST CONFORM WITH CURRENT GDOT STANDARDS (STANDARD THERMOPLASTIC PIPE 1030P). ASTM F2648 PIPE IS NOT AN ACCEPTABLE SUBSTITUTION.

Hydrology Report Chart (18-Inch SD Line 1)

UPSTREAM STRUCTURE	PIPE DIAMETER/ MATERIAL	MANNING N-VALUE	PIPE SLOPE	BASIN AREA (ACRES)	25-YR INLET FLOW (CFS)	25-YR CUMULATIVE FLOW (CFS)	100-YR INLET FLOW (CFS)	100-YR CUMULATIVE FLOW (CFS)	UPSTREAM INVERT	DOWNSTREAM INVERT	25-YR WATER LEVEL (FT)	100-YR WATER LEVEL (FT)	25-YR DOWNSTREAM VELOCITY (FPS)	100-YR DOWNSTREAM VELOCITY (FPS)
EX CB-1 *	18" RCP	0.013	0.50%	0.335	1.732	2.279	2.130	2.803	959.86	959.79	0.58	0.65	1.29	1.59
EX SDMH-5	18" RCP	0.013	0.50%	N/A (Closed Lid)	N/A (Closed Lid)	5.255	N/A (Closed Lid)	6.463	959.70	959.45	0.81	0.92	2.97	3.66
SDMH-4	18" RCP	0.013	0.50%	N/A (Closed Lid)	N/A (Closed Lid)	5.255	N/A (Closed Lid)	6.463	959.35	959.04	0.81	0.92	2.97	3.66
SDMH-3	18" RCP	0.013	1.77%	0.043	0.222	5.477	0.273	6.736	958.94	955.87	0.83	0.95	3.10	3.81
SDMH-2	18" RCP	0.013	1.74%	N/A (Closed Lid)	N/A (Closed Lid)	5.477	N/A (Closed Lid)	6.736	955.77	954.60	0.83	0.95	3.10	3.81

* Cumulative flow inlcudes 8" PVC SD Line 2



PROFILE SD LINE 1
HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 6'

REV	ISSUED FOR	DATE	BY
3	ADDENDUM No. 1	11/2025	DS
2	BID SET REISSUE	11/2025	DS
1	BID	10/2025	DS

PROJECT ENGINEER: D. SEBUSCH
DESIGNED BY: M. ORR
DRAWN BY: M. SEEBOLD
CHECKED BY: B. JONES
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

BID SET

GEORGIA REGISTERED No. 43010 PROFESSIONAL ENGINEER DANIEL D. SEBUSCH
Date: 2025.11.26 13:52:21-05'00'

Hazen
HAZEN AND SAWYER
1300 ALTMORE AVE, SUITE 520
ATLANTA, GA 30342
GBPE LIC #: PEF003685 EXP: 6/30/2026

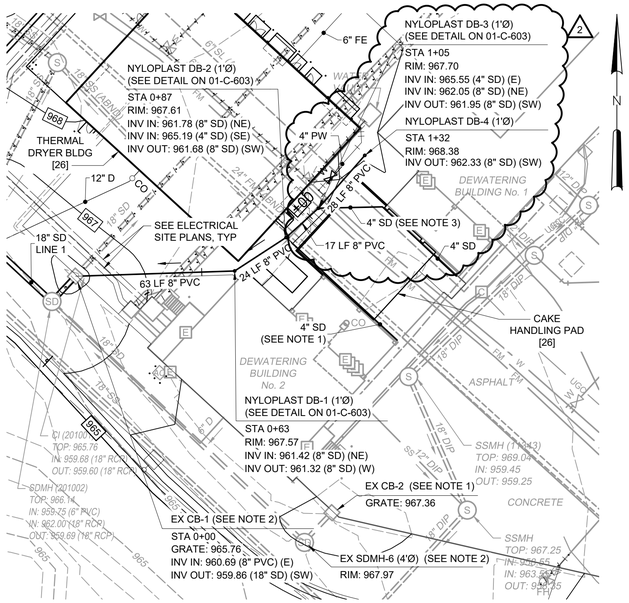
CHEROKEE COUNTY WATER & SEWERAGE AUTHORITY
CANTON, GEORGIA

FITZGERALD CREEK WPCP
THERMAL DRYER FACILITY

CIVIL
SD LINE 1
PLAN AND PROFILE

DATE: NOVEMBER 2025
HAZEN NO.: 32307-007
CCWSA NO.: 2022_007
DRAWING NUMBER: 01-C-403

File: C:_DOCACDOCS\HAZEN AND SAWYER\32307-007_RIVERBEND WTP THERMAL DRYER FACILITY\PROJECT FILES\01_DESIGN\CIVIL\32307-007-01-C-403 Saved by MSEEBOLD Save date: 11/25/2025 1:58 PM
PLOT DATE: 11/25/2025 2:02 PM BY: MSEEBOLD



PLAN

SCALE: 1" = 30'

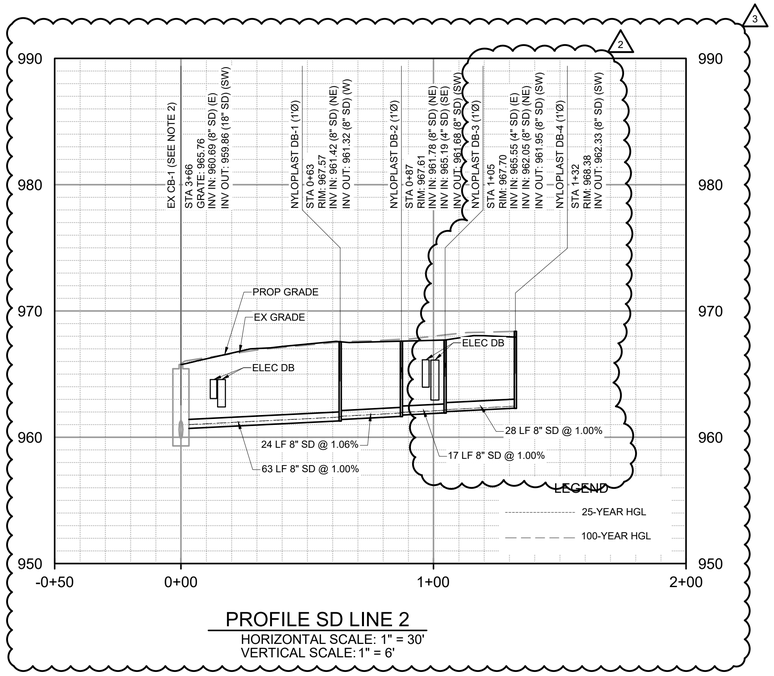
NOTES:

1. REMOVE EXISTING HOOD. ADJUST FRAME AND GRATE ELEVATION AS NEEDED.
2. CONTRACTOR SHALL ADJUST FRAME AND LID AS NEEDED.
3. CONTRACTOR SHALL STUB UP 4" SD FOR EXISTING TRUCK LOADING GUTTER DOWNSPOUTS. CONTRACTOR SHALL PROVIDE AND CONNECT ANY NECESSARY FITTINGS AND ADAPTERS TO DOWN SPOUTS AND 4" SD.
4. SEE CHEROKEE COUNTY STORMWATER NOTES ON DRAWING 01-C-302.
5. SEE CHEROKEE COUNTY STORMWATER PIPE PROFILE NOTES ON DRAWING 01-C-403.
6. STRUCTURAL ANCHOR BLOCKS MUST BE PROVIDED FOR ALL STORM DRAINS TO BE INSTALLED AT OR OVER 15% SLOPE.

3

Hydrology Report Chart (8-Inch SD Line-2)

UPSTREAM STRUCTURE	PIPE DIAMETER/ MATERIAL	MANNING N-VALUE	PIPE SLOPE	BASIN AREA (ACRES)	25-YR INLET FLOW (CFS)	25-YR CUMULATIVE FLOW (CFS)	100-YR INLET FLOW (CFS)	100-YR CUMULATIVE FLOW (CFS)	UPSTREAM INVERT	DOWNSTREAM INVERT	25-YR WATER LEVEL (FT)	100-YR WATER LEVEL (FT)	25-YR DOWNSTREAM VELOCITY (FPS)	100-YR DOWNSTREAM VELOCITY (FPS)
Nyloplast DB-4	8" PVC	0.009	1.00%	0.025	0.127	0.127	0.157	0.157	962.33	962.05	0.13	0.14	0.36	0.45
Nyloplast DB-3	8" PVC	0.009	1.00%	0.026	0.133	0.260	0.164	0.320	961.95	961.78	0.18	0.20	0.75	0.92
Nyloplast DB-2	8" PVC	0.009	1.00%	0.031	0.160	0.420	0.196	0.517	961.68	961.42	0.23	0.25	1.20	1.48
Nyloplast DB-1	8" PVC	0.009	1.00%	0.025	0.127	0.547	0.156	0.673	961.32	960.69	0.27	0.29	1.57	1.93



PROFILE SD LINE 2

HORIZONTAL SCALE: 1" = 30'

VERTICAL SCALE: 1" = 6'

REV	ISSUED FOR	DATE	BY
3	ADDENDUM No. 1	11/2025	DS
2	BID SET REISSUE	11/2025	DS
1	BID	10/2025	DS

PROJECT ENGINEER:	D. SEBUSCH
DESIGNED BY:	M. ORR
DRAWN BY:	M. SEEBOLD
CHECKED BY:	B. JONES

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

BID SET

GEORGIA REGISTERED No. 030101 PROFESSIONAL ENGINEER DANIEL D. SEBUSCH

Date: 2025.11.26 13:52:46-05'00'

Hazen

HAZEN AND SAWYER
1300 ALTMORE AVE, SUITE 520
ATLANTA, GA 30342
GBPE LIC #: PEF003685 EXP: 6/30/2026

CHEROKEE COUNTY WATER & SEWERAGE AUTHORITY
CANTON, GEORGIA

FITZGERALD CREEK WPCP
THERMAL DRYER FACILITY

CIVIL
SD LINE 2
PLAN AND PROFILE

DATE:	NOVEMBER 2025
HAZEN NO.:	32307-007
CCWSA NO.:	2022_007
DRAWING NUMBER:	01-C-404

PRE-BID CONFERENCE MINUTES

Cherokee County Water & Sewerage Authority
Fitzgerald Creek WPCP Thermal Dryer Facility
November 19, 2025 – 9 a.m.

1. Sign-In Sheet: *See attached for the sign-in sheet listing the in-person meeting attendees. Petersen Benjamin and Chris Szoch from Hazen and Sawyer (Hazen) and Jamie Veley, George Parks, Roy Hostetler, and William (Bubba) Scott from Cherokee County Water & Sewerage Authority (CCWSA) were also in attendance but did not sign the sign-in sheet.*
2. Introductions: *The meeting attendees all briefly introduced themselves.*
3. Project Background

    a. Purpose of Project: Construction of Thermal Dryer Facility to reduce water content of dewatered sludge cake and decrease volume for dried product hauling
    b. The WPCP was constructed in 2004 and has been updated/expanded twice, most recently from 2021 to 2024. Copies of known record drawings have been made available electronically to all bidding contractors for reference as information of record.

4. Scope of Work

    a. Reference Specification Section 01 11 00 – Summary of Work for details.

        - Construction of new Thermal Dryer Facility
        - Construction of new Final Effluent Water Pump Station
        - Modifications to existing Solids Electrical Building
        - Modifications to existing Compressor Building
        - Modifications to existing Dewatering Building No. 1 and No. 2
        - Associated site work, including site civil, site piping, stormwater control, and site electrical work
        - Associated structural work for new and existing facilities
        - Associated electrical and instrumentation and controls for new and existing facilities

5. Key Dates

    a. Bid Deadline/Opening: **DECEMBER 17, 2025 AT 2 P.M., LOCAL TIME**, in person at Cherokee County Water & Sewerage Authority, 110 Railroad Street, Canton, GA 30114
    b. Questions Deadline: **December 3, 2025**, at 5 p.m., local time, email to dsebusch@hazenandsawyer.com
    c. Plant Visitation Day (Non-Mandatory): Immediately following this Pre-Bid Conference

        - Requests for additional visits should be sent to Roy Hostetler, at least 3 working days in advance of the requested visit (Roy.Hostetler@cherokeewaterga.gov or via telephone at 470-302-9948)

6. Sealed Bids

   a. Reference Specification Section 00 20 00 – Instructions to Bidders for documents to be included in "Bid Submittal Document" and instructions for submitting Bids and Specification Section 01 20 00 – Measurement and Payment for information on bid items.
   b. Reference Specification Section 00 40 00 – Bid Form:

      - Bid Item 1 - Lump Sum Work (all work not covered under other bid items)
      - Bid Item 2 - Pre-Negotiated Costs for Sole-Sourced Equipment and Services
        - Scope letter from indirect thermal sludge drying system supplier (BCR Environmental) included as supplement at end of corresponding Specification Section; Contractor responsible for performing all associated/related work not included in scope letter
      - Bid Item 3 - Cash Allowances
        - Bid Item No. 3.1: $800,000 for Owner-directed work items (i.e., out-of-scope work)
      - Bid Item 4 - Unit Price Work (Additional Work if Ordered by the Engineer)
        - Thirteen (13) separate bid items for additional civil (asphalt and concrete paving), structural (fill and stone), and electrical (conduit and wire) work
        - Estimated quantities are approximate only and may be increased, decreased, or eliminated as deemed necessary by Owner.
      - Subcontractor Schedule: Subcontractors must be identified.
      - Major Equipment Manufacturer/Suppliers: Manufacturers/suppliers of major equipment must be circled or listed (for or equal)

   c. Use forms provided in Division 00 – Procurement and Contracting Requirements of Specifications for documents to be included in Bid Submittal Document.

7. Contract Times and Liquidated Damages

   a. Reference Specification Section 00 52 00 – Agreement for details.

      - Notice of Award: Expected January 2026
      - Notice to Proceed (NTP): Expected February 2026

   b. Reference Specification Section 00 72 00 – General Conditions and Specification Section 00 73 00 – Supplementary Conditions for definitions of Substantial Completion, Final Completion, and Partial Utilization.

Milestone	Time from NTP (calendar days)	Work	Liquidated Damages
Substantial Completion	730	All Work to be substantially complete	$1,500/day
Final Completion	775	All Work to be complete and ready for final payment	$1,500/day

c. There are no other intermediate milestones for completion of the Work.

8. Permits, Site Security, and Temporary Utilities

   a. Contractor is responsible for obtaining permits (including paying fees), site security, and temporary utilities (electricity and lighting, heating, sanitary facilities, water, etc.). Reference Division 00 – Procurement and Contracting Requirements and Division 01 – General Requirements of the Specifications.

      - Engineer will take the Cherokee County permitting process as far as possible and obtain approval for the Building Permit and Land Disturbance Permit and submit the draft Notice of Intent for NPDES General Permit to GA EPD. Contractor shall complete the permitting process.
      - Utility company service charges for potable water usage will be paid by Owner when Contractor has connected to Owner's existing water infrastructure at Project site. Contractor is responsible for all other costs in connection with temporary utilities.

9. Minimum Experience for Bidders

   a. Reference Specification Section 00 20 00 – Instructions to Bidders for minimum experience criteria to be considered a responsible Bidder.

10. Working Hours

    a. Reference Specification Section 00 72 00 – General Conditions and Specification Section 00 73 00 – Supplemental Conditions.
    b. Regular working hours shall typically be Monday through Friday, excluding holidays, between the hours of 7:00 AM and 5:00 PM, 8 hours per day, 5 days per week, but provisions are provided for working outside these hours.
    c. Comply with any applicable local ordinances

11. Maintenance of Plant Operations during Construction

    a. Requirements for coordinating with Owner's operations during the Work and performing tie-ins and shutdowns necessary to complete the Work without impact on Owner's operations are described in Specification Section 01 14 00 – Coordination with Owner's Operations.
    b. Contractor shall perform the Work such that Owner's facility remains in continuous satisfactory operation during the Project.

       - Unless otherwise agreed upon, all plant shutdowns shall be limited to Monday through Thursday.
       - Long-term shutdowns (4 hours or longer) of any existing electrical distribution equipment shall not be performed without providing temporary power provisions. Short-term shutdowns (shorter than 4 hours) for tie-ins of equipment to existing electrical power sources may be performed without providing temporary power provisions.

c. Suggested Sequence of Work

- Stage 1: Install specific ductbanks and temporary fiber optic cable and remove specific existing ductbank and fiber optic cable
- Stage 2: Construct Thermal Dryer Facility building and associated Dewatered Cake Feed Station and Final Effluent Water Pump Station
- Stage 3: Install permanent fiber optic cable and remove temporary fiber optic cable

d. Minimum number of unit treatment processes and equipment to remain operational at all times as indicated in Specification Section 01 14 00 – Coordination with Owner's Operations.

e. Critical Items in Proposed Sequence of Construction

- Interconnections between proposed and existing conveyors at Dewatering Building Nos. 1 and 2 shall not occur until the last 75-calendar-day period prior to the Substantial Completion deadline.
    - Conveyor interconnection work at Dewatering Building Nos. 1 and 2 shall not simultaneously occur. Duration between end of first shutdown and beginning of second shutdown shall be a minimum of 2 weeks.
- At all times when equipment in Dewatering Building No. 2 needs to remain in service but Contractor needs to shut down electrical power at Dewatering Building No. 1 for longer than 4 hours, existing Belt Filter Press Feed Pump No. 3 in Dewatering Building No. 1 must remain in service with its power supply maintained (or temporary power provisions provided by Contractor).
- Installation of temporary bulkhead to facilitate work at Ultraviolet Disinfection facility shall be completed in a maximum of 6 hours, during which time the Owner will divert all influent flow away from the facility.
    - Contractor shall not perform any electrical work in Compressor Building at the same time the temporary bulkhead is in place at Ultraviolet Disinfection facility.
- Two separate shutdowns will be required (maximum duration of 6 hours/each) for installation of circuit breakers for final effluent water pumps in motor control center at Compressor Building.

12. Other Items from Engineer and Owner

a. Construction trailer, Contractor parking and Contractor storage/laydown area
b. Report of Subsurface Exploration and Geotechnical Engineering Evaluation included in Appendix A of Specifications as information of record
c. Coordination with Atlanta Gas Light for performing associated work to provide adequate supply of natural gas for dryer equipment

- *Corey Ghorley stated that Atlanta Gas Light is already aware of this upcoming work and will just need 6 months' advance notice by the Contractor to perform their associated work.*

13. Addenda

    a. Addenda will be issued as necessary to answer questions about the meaning or intent of the Bidding Documents and clarify, correct, or change the Bidding Documents as deemed advisable by Owner or Engineer.

        - Addendum No. 1, which will include sign-in sheet and minutes from this Pre-Bid Conference, to be issued on or before November 26, 2025

    b. **All questions shall promptly be submitted in writing.**
    c. Bid shall contain an acknowledgement of the receipt of all addenda, the numbers of which shall be filled in at the space provided on the Bid Form.

14. Questions: *The meeting attendees did not ask any questions to CCWSA or Hazen.*

15. Plant Visitation

Hazen *Sign-In Sheet*

November 19, 2025

Location: Fitzgerald Creek Water Pollution Control Plant – Maintenance Shop
260 Colemans Bluff Drive, Woodstock, Georgia 30188

Subject: Fitzgerald Creek Water Pollution Control Plant Thermal Dryer Facility
Pre-Bid Conference

Name	Company	Email
MIKE HIPPS	HEANY CONSTRUCTORS	mhipps@heanyus.com
Chris Neely	Ruby-Collins, Inc.	cneely@ruby-collins.com
NOEL AMARTEIFIO	REEVES YOUNG	NAMARTEIFIO@REEVESYOUNG.COM
BRIAN MAZANEC	ALBERICI	BRIAN.MAZANEC@ALBERICI.COM
JEREMY IRELAND	↓	JEREMY.IRELAND@ALBERICI.COM
TY HEFFEL	↓	TY.HEFFEL@ALBERICI.COM
Kevin Conkey	Reynolds Const.	Kevin.conkey@reynoldscon.com
Rory Mummaw	Victaulic	Rory.mummaw@Victaulic.com
Corey Gholar	CCWSA	coreyghorley@cherokeewaterga.gov
Bryan Watkins	CCWSA	bryan.watkins@cherokeewaterga.gov
Tyler West	CCWSA	tyler.west@cherokeewaterga.gov
Scott Stewart	Haren Const.	cosborne@harenconstruction.com
Chris Neely	Ruby-Collins	cstimating@ruby-collins.com
Shaun Washington	MHS Crane	Atlanta Manager@MHScrane.com
Justin Schooley	Sherwin-Williams	Justin.Schooley@Sherwin.com
Tony Purcell	Xylem - Flygt	tony.purcell@xylem.com
Charles Clark	Carboline	Charles.Clark@Carboline.com

Hazen *Sign-In Sheet*

November 19, 2025

Location: Fitzgerald Creek Water Pollution Control Plant – Maintenance Shop
260 Colemans Bluff Drive, Woodstock, Georgia 30188

Subject: Fitzgerald Creek Water Pollution Control Plant Thermal Dryer Facility
Pre-Bid Conference

Name	Company	Email
DAN SEBUSCH	HAZEN AND SAWYER	DSEBUSCH@HAZENANDSAWYER.COM
GARLAND LONG	LAKESHORE ENG.	GLONG@LAKESHORE[illegible].COM
John Schlendorf	PC Construction	Jschlendorf@pcconstruction.com
Jordan Longoria	TAES	Jordan@Templeton-associates.com
MARK DICKSON	CROWDER	MDICKSON@CROWDERUSA.COM
Adam Covington	KCPC	acovington@kcpcservices.com
MIKE POWERS	CROWDER	MPOWERS@CROWDERUSA.COM
Ron Conley	Forza Electric	rconley@forzagroupus.com