

Anniston Water Works & Sewer Board
931 Noble St.
Anniston, AL 36201
256-241-2000
August 10, 2020

ADDENDUM NO. 1

CONTRACT NO.: 6496

OWNER: Anniston Water Works and Sewer Board

PROJECT: Baltzell Lift Station Elimination

BID DATE: August 13, 2020

TO: ALL PROSPECTIVE CONTRACTORS AND SUPPLIERS

The changes, modifications, and/or additions covered by and set forth in this Addendum No. 1 shall become part of and be incorporated in the Contract Documents for the above referenced project:

BIDDING REQUIREMENTS TO BE REVISED BY ADDENDUM:

AD1.1 PROPOSAL FORM, delete the proposal form in its entirety and replace with the attached 5-page Section.

SPECIFICATIONS ADDED BY ADDENDUM:

AD1.2 SECTION 01 23 00 – ALTERNATES, Add the attached 1-page Section.

AD1.3 APPENDIX B, Add the attached 5-page Section.

SPECIFICATIONS REVISED BY ADDENDUM:

AD1.4 SECTION 01 22 00 – UNIT PRICES, Replace this section in its entirety and replace with the attached 4-page Section.

This Addendum No. 1 shall be attached to the front of your set of specifications and made a part of the Contract Documents. Receipt of this Addendum No. 1 shall be acknowledged on Page 1 of the Proposal Form.

THIS IS THE LAST PAGE

Pages/Sections attached preceding this page:

- Section "Proposal Form"
- Section 01 22 00 – Unit Prices
- Section 01 23 00 – Alternates
- Appendix B – Geotechnical Report

A total of 17 pages or sheets of drawings (including this page) have been included in Addendum No. 1.

General Contractors are requested to return this page as an acknowledgement that you have received this Addendum by e-mail. This will NOT be mailed. A copy of this Addendum may be picked up at the office of the Engineer or at awwsb.org.

Return to Anniston Water Works & Sewer Board by e-mail to cosborne@awwsb.org.

Received By _____

Contractor _____

Date _____

PROPOSAL FORM

MADE BY _____

ADDRESS _____

TO: Anniston Water Works and Sewer Board

The undersigned, as Bidder, proposes and agrees, if this Bid is accepted, to enter into a Contract with **Anniston Water Works and Sewer Board**, in the form of Contract specified and shown in the attached Contract Documents, to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation, and labor necessary to complete the construction of **Baltzell Lift Station Elimination, Project No. 6496**, as described in the Advertisement for Bids, and in the Contract Documents, which are hereby referred to and made a part of the same extent as if fully set out herein, and in full and complete accordance with the shown, noted, described and reasonably intended requirements of the Contract Documents, to the full and entire satisfaction of the Owner, with a definite understanding that no money will be allowed for extra work except as set forth in the attached Instructions to Bidders, General Conditions, and other Contract Documents, for the following lump sum price:

ADDENDA: The Bidder acknowledges receipt of Addenda Nos. _____ , _____ , _____ , _____ , _____ , _____ .

UNIT PRICES: The following unit price quotations include all labor, materials and equipment required to perform the work involved, and will be used to determine the amount added or deducted from the Contract Price. See Section 01 22 00 – Unit Prices for complete requirements.

<u>BASE BID</u>				
Item No.	Approximate Quantities	Description of Item	Unit Price	Total Price for Item
1.	95 LF	12" D.I. Pipe, Cl. 350, P-O Joint, Gravity Sewer, 0-10 ft depth, Furnished and Installed Per Linear Foot		
2.	195 LF	12" D.I. Pipe, Cl. 350, P-O Joint, Gravity Sewer, 10-20 ft depth, Furnished and Installed Per Linear Foot		

BASE BID				
Item No.	Approximate Quantities	Description of Item	Unit Price	Total Price for Item
3.	245 LF	Highway 21 Bored Road Crossing, Sewer STA. 0+32 to STA. 2+77, Furnished and Installed Per Linear Foot		
4.	93 LF	Bored Creek Crossing, Sta. 4+39 to Sta. 5+32, Furnished and Installed Per Linear Foot		
5.	37 VF	48" Diameter Precast Concrete Manhole, Furnished and Installed Per Vertical Foot		
6.	13 VF	48" Diameter Precast Concrete Drop Manhole, Furnished and Installed Per Vertical Foot		
7.	4 EA	Manhole Ring and Cover, Furnished and Installed Per Each		
8.	7 VF	48" Diameter Manhole Interior Rehabilitation, Furnished and Installed, Per Vertical Foot		
9.	2 EA	Connection to Existing System (Gravity Sewer), Furnished and Installed, Per Each		
10.	205 LBS	Ductile Iron Fittings, Furnished and Installed Per Pound		
11.	1 EA	Cut, Cap and Brace Existing Sewer Lines, Furnished and Installed, Per Each		
12.	1500 LF	Mulching, Seeding, and Grass Stabilization, Furnished and Installed, Per Linear Foot		
13.	65 LF	Chain Link Fence, Furnished and Installed Per Linear Foot		

BASE BID				
Item No.	Approximate Quantities	Description of Item	Unit Price	Total Price for Item
14.	1000 LF	Silt Fence, Furnished and Installed, Per Linear Foot		
15.	10 CY	Undercut Unsuitable Soils, Haul, and Dispose Off-Site, as directed by the Engineer, Per Cubic Yard		
16.	10 CY	Backfill Undercut Areas with Crushed Stone (Including hauling and compaction), as directed by the Engineer, Per Cubic Yard		

BASE BID TOTAL: _____

ALTERNATE BID				
Item No.	Approximate Quantities	Description of Item	Unit Price	Total Price for Item
1.	93 LF	Open Cut Creek Crossing, Sta. 4+39 to Sta. 5+32, Furnished and Installed Per Linear Foot		

The award of the contract will be based on the total/sum of the base bid price and the alternates (if any) selected by the Owner. The Owner will receive bids and all pricing will be read aloud, but the project will not be awarded until the bids are evaluated and the determination is made which alternate(s) is/are selected. Once the Alternate has been selected, the final bid amount will be calculated (base bid plus adjustments for any alternate selected) for each bid submitted, and if an award is made, the project will be awarded to the responsible bidder with the lowest final bid amount. The Proposal Form will be revised accordingly and reissued.

The Bidder declares that he has examined the site of the work, that he has fully informed himself of conditions that would affect the proposed work, that, prior to the tender of his bid, he has examined the Contract Documents for the work and has read all special instructions and provisions contained in the Documents, and that he has satisfied himself with respect to the quality and extent of work to be performed.

The Bidder declares that he understands that, when quantities of work for which unit price bids are requested in the Proposal, such quantities are approximate only and are subject to either increase or decrease, that, should the quantities of any of the work items be increased, the Bidder proposes to perform the additional work at the unit prices bid by him, that, should the quantities of any of the work items be decreased, payment will be made only for the actual quantities of work performed and such payment will be based upon the unit prices bid by him, and that he shall make no claim for profits anticipated on the decrease in quantities of work. Actual quantities will be paid for as the work progresses, in accordance with the provisions of the Contract Agreement, and such quantities shall be subject to final measurements and determinations made upon completion of the work.

The Bidder understands that the Owner reserves the right, in the Owner's discretion, to reject any or all bids, to waive any informality in any bid, and to accept any bid considered to be advantageous to the Owner.

The Bidder agrees that his bid shall be valid for a period of sixty (60) calendar days after the date set for receipt of bids, and shall not be withdrawn for a period of sixty (60) calendar days after the date set for receipt of bids.

The Bidder has attached hereto a Bid Bond executed by a Surety Company authorized to do business in the State of Alabama (with valid Power-of-Attorney attached), or a cashier's check drawn on an Alabama bank, in favor of (made payable to) Anniston Water Works and Sewer Board, in the amount of 5% of the bid amount (total), but in no event more than \$10,000.

The Bidder agrees that, should he be notified that his Bid on the work has been accepted, he will, within ten (10) days from receipt of such notice, execute the formal Contract Agreement bound herein, and will furnish with the Contract evidence of Insurance Coverage of his construction operations and all of his operations associated with the project, all in accordance with the requirements of the General Conditions.

The Bidder further agrees that, in case of failure on his part to execute said Contract Agreement, and to furnish all Bonds required by the Contract Documents, within ten (10) consecutive calendar days after receipt of notice of award of Contract to him, the monies payable to the Obligee of his Bid Bond, in accordance with the terms and conditions of the Bond, shall be paid to the Owner as liquidated damages for the delay and additional expense to the Owner caused by such failure on the part of the Bidder.

The Bidder hereby agrees that, should the work under the Contract be awarded to him, he will commence work under this Contract on or before a date to be specified in written "Notice to Proceed" given by the Owner, and that he will fully complete the Contract within Ninety (90) consecutive calendar days thereafter. Refer to Section 01 10 00 Summary for additional completion requirements. The Bidder further agrees to pay, as liquidated damages, the sum of \$1,000.00 for each consecutive calendar day after the date set for completion of the work, as provided in the General Conditions. The Bidder

further agrees that he will not make any claim for extra compensation should completion of work under the Contract be effected in advance of the time specified hereinabove.

The undersigned Bidder states that he fully understands the meaning of "low, responsive, responsible Bidder", as defined in these Documents, and that these criteria will be applied in the evaluation of this Bid.

The undersigned, as Bidder, hereby declares that the name (or names) of the only person (or persons) interested in this Proposal, as principal (or principals), is (or are) as herein below set out and that no person other than that (or those) herein below stated has any interest in this Proposal, or in the Contract to be entered into; that this Proposal is made without connection with any other person, firm or corporation making a proposal; and that it is in all respect fair and in good faith, without collusion or fraud.

Following are the names and addresses of all persons, firms, and corporation interested in the foregoing bid:

Address:

Respectfully submitted,

By _____

Title

Date _____

Contractor's License No. _____
(SEAL - if Bid is made by a Corporation)

SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.1 SUMMARY

- A. The Owner reserves the right to select or reject alternates that are considered to be advantageous to the Owner.
- B. No adjustments to the pricing for other components of the Work will be made.
- C. No adjustments to the schedule or Contract completion date will be made unless specifically identified for an alternate.
- D. Only those alternates selected by the Owner and incorporated into the Contract Agreement are included in the Work.

1.2 SCHEDULE OF ALTERNATES

- A. The alternates shown in the Proposal Form are listed and described below:
 - 1. Alternate No. 1: Open Cut Creek Crossing, Sta. 4+39 to Sta. 5+32, Furnished and Installed instead of bored creek crossing installation.
 - a. Alternate No. 1 measurement and payment shall be as described in section 01 22 00, Unit Prices.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION 01 23 00

SECTION 01 22 00 - UNIT PRICES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes administrative and procedural requirements for unit prices.

1.2 DEFINITIONS

- A. Unit price is an amount incorporated in the Agreement, applicable during the duration of the Work as a price per unit of measurement for materials, equipment, or services, or a portion of the Work, added to or deducted from the Contract Sum by appropriate modification, if the scope of Work or estimated quantities of Work required by the Contract Documents are increased or decreased.

1.3 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, applicable taxes, overhead, and profit.
- B. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- C. Measurement and Payment: Methods of measurement and payment using unit prices are as follows:

- 1. D.I Gravity Sewer Pipe (Installed on Grade): The accepted length of installed pipe is measured along the pipe centerline and shall include manholes installed along the line. Terminal points on the measurements shall be the ends of existing pipe lines to which the new pipe is connected; the center lines of manholes (5 ft. diameter or less); the inside face of any junction box or of manholes with diameters greater than 5 ft.; and the outlet face of headwalls. The depth of cut shall be measured from the invert of the new pipe to the original ground surface. Unless specifically indicated otherwise, pipe installed at a depth of cut equal to the limit of a cut range shall be considered to fall within the shallower cut range. Payment will be made for furnishing and installing the accepted length of pipe using the unit prices in the proposal form. The price shall include compensation for furnishing pipe, trenching, bedding, laying, jointing, testing, backfilling, surface restoration (except pavement replacement), connections to new manholes, cleanup and all appurtenances as required.

2. Bored & Jack Crossings: Each specific crossing indicated for payment will be considered accepted for payment when it has been completed. The acceptable payment length for each crossing is the distance measured along the crossing centerline between the two ends of casing pipe. Payment will be made for each specific crossing using the unit prices in the proposal form. Such payment will be considered compensation for furnishing and installing casing pipe, carrier pipe, supports, vents, bulkheads, and all other miscellaneous items required within the indicated limits of the crossing.
 - a. Crossings are unclassified as to the material encountered, therefore the Contractor shall install crossings at the locations indicated, or at other locations approved by the Owner, at no additional cost to the Owner. If the Contractor is unable to complete a crossing at a given location and elects to move to another location (approved by the Owner) no additional compensation will be paid by the Owner for uncompleted crossings or work required to appropriately abandon uncompleted crossings.
3. Precast Concrete Manholes, 48": The accepted payment depth will be the vertical distance from the manhole invert to the top of the cone section (or top of flat concrete cover slab) for each particular diameter of manhole. Payment will be made for the total vertical feet of manhole installed using the unit prices in the proposal form. Such payment will be considered compensation for furnishing and installing all manhole sections, bedding, gaskets, connectors, boots, invert construction, vents, steps, excavation, backfilling, surface restoration (except pavement replacement), testing, and all other miscellaneous appurtenances, except manhole ring and cover, required for installation of the manhole. Payment for manhole ring and cover will be made separately.
4. Precast Concrete Drop Manhole, 48": The accepted payment depth will be the vertical distance from the manhole invert to the top of the cone section (or top of flat concrete cover slab) for each particular diameter of manhole. Payment will be made for the total vertical feet of manhole installed using the unit prices in the proposal form. Such payment will be considered compensation for furnishing and installing all manhole sections, bedding, gaskets, connectors, boots, invert construction, vents, valve box covers, concrete, screw cap, ductile iron fittings, steps, excavation, backfilling, surface restoration (except pavement replacement), testing, and all other miscellaneous appurtenances, except manhole ring and cover, required for installation of the manhole. Payment for manhole ring and cover will be made separately.
5. Manhole Ring & Cover, standard: The number of furnished and installed ring and cover assemblies of particular size and type installed shall be counted for payment. Payment will be made for furnishing and installing each size and type of ring and cover assembly using the unit prices in the proposal form.
6. 48" Manhole Interior Rehabilitation: Payment will be made for each vertical foot of manhole rehabilitation performed. Such payment shall be considered compensation for furnishing and installing surface preparation, mortar coat (if

- required), multi-component liner system, finishing, and all other miscellaneous items required.
7. Connections to Existing Sewer System (Gravity Sewer): Each specific connection to the existing system (gravity sewer) indicated for payment will be considered accepted for payment once the connection has been completed. Payment will be made for each specific connection using the lump sum unit prices in the proposal form. Such payment will be considered compensation for furnishing and installing fittings, pipe, pipe boots/seals, concrete encasement, excavating, backfilling, bypass pumping (if required), connection to existing manhole, grout invert installation, and all other miscellaneous items required.
 8. Ductile Iron Fittings: The accepted payment weight for ductile iron pipe fittings and appurtenances will be those listed in the manufacturer's data for the particular item installed. When a compact fitting is installed, the weight of the corresponding compact fitting will be used for establishing payment weight; and if a full-bodied fitting is installed, the weight of a full-bodied fitting will be used. Payment will be made for the total weight of fittings using the unit prices in the proposal form. Such payment will be considered compensation for furnishing and installing fittings, bolts, glands, restraining glands, gaskets, concrete braces, or other appurtenances required for the installation of the fitting.
 9. Cut, Cap and Brace Existing Sewer Lines: Each specific cut, cap and brace of existing sewer lines indicated for payment will be considered accepted for payment once the disconnection has been completed. Payment will be made for each specific cut, cap, and brace using the unit prices in the proposal form. Such payment will be considered compensation for excavation, partial demolition of the pipe, isolation of the system, disposal of demolished pipe material, concrete pipe filler, concrete braces, and all other miscellaneous items required.
 10. Mulching, Seeding and Grass Stabilization: The length of mulching, seeding and grass stabilization shall be measured along the length of pipeline installed. Payment will be made for each linear foot of mulching, seeding and grass stabilization using the unit prices in the proposal form. Such payment will be considered compensation for furnishing and installing all necessary materials, upkeep, maintenance records, and all other miscellaneous items required.
 11. Chain Link Fence: Payment will be made for furnishing and installing the accepted length of chain link fence using the unit prices in the proposal form. The price shall include compensation for furnishing, installing, cleanup and all appurtenances as required.
 12. Silt Fence: The accepted payment length for silt fence will be based upon the actual length of installed silt fence installed as determined by field measurements. Payment will be made for installing the accepted length of silt fence using the unit prices in the proposal form. Such payment will be considered compensation for furnishing and installing silt fence, excavation, backfill, upkeep, maintenance records, and all other miscellaneous items required.

13. Undercutting Unsuitable Soils and Disposing Off-Site: Acceptable volume of undercut shall be volume required by Engineer for the removal and disposal of unsuitable soils. Payment will be made for each cubic yard of soil removed using the unit price in the proposal form. Such payment will be considered compensation for the excavation and removal of unsuitable soils, disposal and all other miscellaneous items required to complete the work.
14. Backfill Undercut Soils with Crushed Stone to Include Hauling and Compaction: Acceptable volume of backfill with crushed stone shall be volume required by Engineer for the replacement of removed unsuitable soils. Payment will be made for each cubic yard of crushed stone placed and compacted using the unit price in the proposal form. Such payment will be considered compensation for furnishing the crushed stone, placement, compaction, and all other miscellaneous items required to complete the work.
15. Open Cut Creek Crossings: Each specific crossing indicated for payment will be considered accepted for payment when it has been completed. Payment will be made for each specific crossing using the linear foot prices in the proposal form. Such payment will be considered compensation for furnishing and installing casing pipe, carrier pipe, supports, vents, bulkheads, asphalt, backfill, and all other miscellaneous items required within the indicated limits of the crossing.

Crossings are unclassified as to the material encountered, therefore the Contractor shall install crossings at the locations indicated, or at other locations approved by the Owner, at no additional cost to the Owner.

END OF SECTION 01 22 00

APPENDIX B
GEOTECHNICAL REPORT

EXPLORATION PLAN

Baltzell Gate Road Gravity Sewer ■ Anniston, AL
August 7, 2020 ■ Terracon Project No. E1205177



DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

AERIAL PHOTOGRAPHY PROVIDED BY MICROSOFT BING MAPS

BORING LOG NO. B-1

PROJECT: Baltzell Gate Road Gravity Sewer

CLIENT: Anniston Water Works and Sewer Board
Anniston, AL

SITE: Baltzell Gate Road
Anniston, AL

GRAPHIC LOG	LOCATION See Exploration Plan Latitude: 33.7263° Longitude: -85.8075° Surface Elev.: 692 (Ft.) ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	RECOVERY %	RQD %	WATER CONTENT (%)	ATTERBERG LIMITS
									LL-PL-PI
0.4	TOPSOIL (5")	691.5							
0.4	FILL - SILTY SAND , with chert gravel and cobbles, reddish brown				16-50/4" N=50+				
		5			10-7-8 N=15				
					7-18-50/5" N=50+				
	becomes wet				15-32-15 N=47				
10			▽						
13.5	Auger Refusal at 13.5 Feet	678.5							

Stratification lines are approximate. In-situ, the transition may be gradual.

<p>Advancement Method: Hollow stem auger</p>	<p>See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).</p> <p>See Supporting Information for explanation of symbols and abbreviations.</p>	<p>Notes: Boring station 5+40</p>
<p>Abandonment Method: Boring backfilled with auger cuttings upon completion.</p>		
WATER LEVEL OBSERVATIONS		
▽ Water observed at 10' during drilling		2147 Riverchase Office Rd Hoover, AL
	Boring Started: 07-29-2020	Boring Completed: 07-29-2020
	Drill Rig: Mobile B-47	Driller: Earth Core, LLC
	Project No.: E1205177	

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL E1205177 BALTZELL GATE ROAD.GPJ TERRACON DATATEMPLATE.GDT 8/7/20

CORING LOG NO. B-2

PROJECT: Baltzell Gate Road Gravity Sewer

CLIENT: Anniston Water Works and Sewer Board
Anniston, AL

SITE: Baltzell Gate Road
Anniston, AL

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL E1205177 BALTZELL GATE ROAD.GPJ TERRACON DATATEMPLATE.GDT 8/7/20

GRAPHIC LOG	LOCATION See Exploration Plan Latitude: 33.7265° Longitude: -85.8072° Surface Elev.: 697 (Ft.) ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	RECOVERY %	RQD %	WATER CONTENT (%)	ATTERBERG LIMITS	
									LL-PL-PI	
0.3	ASPHALT (3")	0.3								
0.3	BASE (1")	0.3								
	FILL - SILTY SAND , with chert gravel and cobbles, reddish brown			X	15-17-22 N=39					
				X	11-14-15 N=29					
7.0		7.0		X	22-15-16 N=31					
8.0	LEAN CLAY WITH SAND (CL) , light tan to gray, very stiff Auger refusal at 8'. Rock coring initiated	8.0		█						
	LIMESTONE , light tan to gray, hard, fractured, thinly bedded, contains frequent seams of lean clay and gravel			█		25	0			
16.0	Coring Terminated at 16 Feet Full Water Return	16.0		█						

Stratification lines are approximate. In-situ, the transition may be gradual.

<p>Advancement Method: Hollow stem auger/ NQ coring</p> <p>Abandonment Method: Boring backfilled with auger cuttings upon completion.</p>	<p>See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (if any).</p> <p>See Supporting Information for explanation of symbols and abbreviations.</p>	<p>Notes: Boring station 4+30 at 25' left of CL</p>						
<p>WATER LEVEL OBSERVATIONS No free water observed during SPT drilling</p>	<p>2147 Riverchase Office Rd Hoover, AL</p>	<table style="width: 100%; border: none;"> <tr> <td style="border: none;">Boring Started: 07-29-2020</td> <td style="border: none;">Boring Completed: 07-29-2020</td> </tr> <tr> <td style="border: none;">Drill Rig: Mobile B-47</td> <td style="border: none;">Driller: Earth Core, LLC</td> </tr> <tr> <td style="border: none;">Project No.: E1205177</td> <td style="border: none;"></td> </tr> </table>	Boring Started: 07-29-2020	Boring Completed: 07-29-2020	Drill Rig: Mobile B-47	Driller: Earth Core, LLC	Project No.: E1205177	
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Drill Rig: Mobile B-47	Driller: Earth Core, LLC							
Project No.: E1205177								

