



ATLANTA
AUGUSTA
ST. SIMONS ISLAND

December 28, 2020

Mayor and Council
City of Senoia
P.O. Box 310
Senoia, Georgia 30276

Attention: Mr. Harold Simmons, City Manager

Re: City of Senoia
Sewerage System Improvements
Keg Creek Water Pollution Control Plant
Project No. 172121

We have checked the bids received December 15, 2020, on subject project. Below is a tabulation of the bids received. A table with the bids for alternate work items by the bidders is also included.

<i>Contractor</i>	<i>Total Amount Bid</i>
Haren Construction Company, Inc. Etowah, Tennessee	\$12,752,000.00
P.F. Moon and Company, Inc. West Point, Georgia	\$13,030,000.00
Max Foote Construction Company, LLC Birmingham, Alabama	\$13,460,995.00
Reeves Young, LLC Sugar Hill, Georgia	\$13,645,000.00
Ruby-Collins, Inc. Smyrna, Georgia	\$14,555,043.00
M.B. Kahn Construction Company, Inc. Columbia, South Carolina	\$16,249,359.00

As indicated, the low bidder is Haren Construction Company, Inc. of Etowah, Tennessee. Since the low bidder appears to have adequate experience, technical ability and financial capability to complete the project, we recommend contract award be made to Haren Construction Company, Inc. The low bidder included prices for certain additions as shown on the bid tabulation. We recommend the City also award the contract with Addition A-2 described on the enclosed table.

We have enclosed a certified tabulation of the bids received and a sample resolution the City should consider adopting. With the recommended alternate work items resulting in an addition of \$32,000, the overall recommended contract award is \$12,784,000.00.

The contract award should be made subject to the low bidder meeting the requirements regarding DBE/WBE/MBE compliance and the Georgia Environmental Finance Authority (GEFA) Board's approval of the additional funds requested. After approval of the contract award by the City and concurrence from GEFA, we will proceed with preparation of the contract documents for execution by both the Contractor and the City.

A project cost summary is enclosed and shows proposed project funding for this award. As indicated, additional funds in the amount of \$1,300,000 are required.

A copy of the System for Award Management (SAM) search results required for projects funded with federal loan and grant funds is also enclosed. These results document no active records of exclusion or debarment of participants in this project were found in a search of the federal SAM database.

If you have any questions concerning our recommendations, please call us.

Yours truly,



J. Lamar Rogers, P.E.
Turnipseed Engineers


JLR:kb
Enclosures

<i>Alternate</i>	<i>Haren Construction Company, Inc</i>	<i>P.F. Moon & Company, Inc</i>	<i>Max Foote Construction Company, LLC</i>	<i>Reeves Youngs, LLC</i>	<i>Ruby-Collins, Inc.</i>	<i>M.B. Kahn Construction Co., Inc.</i>
A-1 – For furnishing all materials, equipment and performing all labor necessary for installing the odor control system	\$210,000	\$145,000	256,767	\$165,000	\$106,000	\$145,111
A-2 – Provide a 1.7 meter sludge dewatering press in lieu of the 1.2 meter press as described in Section 10.19 of these Specifications	\$32,000	\$35,000	30,000	\$34,700	\$32,100	\$60,000
A-3 – To coat the interior of the raw sewage pump station per Section 14 of these Specifications	\$100,000	\$93,500	95,000	\$85,600	\$74,000	\$85,000
A-4 – To add brick feature to control building wall as shown on the Drawings	\$20,000	\$10,500	15,000	\$17,760	\$17,500	\$21,000
D-1 – To delete the brick entrance sign	\$10,000	\$10,000	4,500	\$5,600	\$1,825	\$7,500
D-2 – To delete the Excell velocity enhancer as described in Section 10.15.G.5. of these Specifications, including the velocity enhancer concrete wall	\$12,000	\$18,000	12,100	\$11,070	\$13,910	\$13,750
D-3 – Provide a 500 kw generator in lieu of the 750 kw generator	\$60,000	\$65,000	60,000	\$89,345	\$71,400	\$60,000
D-4 – To delete the density current baffle called for in Specification Section 10.16.K	\$25,000	\$20,000	22,400	\$21,600	\$27,000	\$20,000

<i>Alternate</i>	<i>Haren Construction Company, Inc</i>	<i>P.F. Moon & Company, Inc</i>	<i>Max Foote Construction Company, LLC</i>	<i>Reeves Young, LLC</i>	<i>Ruby-Collins, Inc.</i>	<i>M.B. Kahn Construction Co., Inc.</i>
D-5 – To construct the asphalt access road with 8" graded aggregate base in lieu of asphalt	\$30,000	\$23,600	26,000	\$49,636	\$31,000	\$18,500
D-6 – To delete the Plant SCADA system components as described in Section 11, including SCADA field wiring, conduit to remain, as shown on the control wiring diagram	\$100,000	\$102,000	100,000	\$108,000	\$115,000	\$143,390
D-7 – To replace the tertiary filters specified with the alternate Kruger Model HSF2212/6-2C. Bid amount shall include the cost of all required modifications and any additional engineering design and review required	0	\$20,000	0	0	\$10,700	\$40,000

**CITY OF SENOIA, GEORGIA
 KEG CREEK WATER POLLUTION CONTROL PLANT
 PROJECT NO. 172121
 CERTIFIED BID TABULATION
 BIDS RECEIVED DECEMBER 16, 2020**

**THIS IS TO CERTIFY THAT THIS
 IS A CORRECT TABULATION**


 J. Lamar Rogers, P.E.
 Turnipseed Engineers
 Atlanta, Georgia

**CITY OF SENOIA, GEORGIA
 KEG CREEK WATER POLLUTION CONTROL PLANT** **Haren Construction Company, Inc.
 Etowah, Tennessee**

For furnishing all materials and equipment and performing all labor necessary for constructing the Keg Creek Water Pollution Control Plant as shown on the Drawings and as specified for the following prices and approximate quantities shown.

Item 1. For furnishing all materials and equipment and performing all labor necessary for for constructing the Keg Creek WPCP including earth excavation, backfill, grading, roadways, substructures, yard piping, drains, electrical, mechanical (excluding the cost of Major Mechanical Equipment listed in Item No. 2), painting and all other work and appurtenances for completion of the work as shown on the Drawings and/or as specified, the lump sum of:

\$9,244,500.00

Item 2: For furnishing and installing Major Mechanical Equipment.

<i>Equipment and Manufacturer</i>	<i>Price</i>	<i>Base Price</i>
a. Mechanical Bar Screen - Section 10.13		\$100,000.00
Mfr. <u>Headworks</u>	\$100,000.00	
Mfr. <u>Huber</u>	\$130,000.00	
Mfr. <u>Vulcan</u>	\$137,000.00	
b. Grit Removal System - Section 10.14		\$175,000.00
Mfr. <u>Hydro International</u>	\$175,000.00	
c. Aeration Equipment - Section 10.15		\$650,000.00
Mfr. <u>Ovivo, Inc.</u>	\$650,000.00	
d. Final Clarifiers - Section 10.16		\$250,000.00
Mfr. <u>Ovivo, Inc.</u>	\$250,000.00	
e. Tertiary Filter System - Section 10.17		\$300,000.00
Mfr. <u>Aqua Aerobics</u>	\$300,000.00	
f. UV Disinfection System - Section 10.18		\$300,000.00
Mfr. <u>Trojan Technologies</u>	\$300,000.00	
g. Sludge Dewatering System - Section 10.19		\$400,000.00
Mfr. <u>BDP Industries</u>	\$400,000.00	
Mfr. <u>Charter Machine Company</u>	\$430,000.00	

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Haren Construction Company, Inc.
Etowah, Tennessee

<i>Equipment and Manufacturer</i>		<i>Price</i>	<i>Base Price</i>
h.	Rotary Screw Blower Package - Section 10.20		\$120,000.00
	Mfr. <u>Aerzen USA Corporation</u>	\$145,000.00	
	Mfr. <u>Kaeser Compressors, Inc.</u>	\$120,000.00	
i.	Post Air Blower - Section 10.21		\$15,000.00
	Mfr. <u>Aerzen USA Corporation</u>	\$20,000.00	
	Mfr. <u>Kaeser Compressors, Inc.</u>	\$15,000.00	
j.	Diffused Aeration System - Section 10.22		\$30,000.00
	Mfr. <u>Aquarius Technologies</u>	\$30,000.00	
	Mfr. <u>EDI</u>	\$35,000.00	
	Mfr. <u>Sanitaire</u>	\$35,000.00	
k.	Submersible Pumps - Section 10.23		\$200,000.00
	Mfr. <u>Xylem (Flygt, Inc.)</u>	\$375,000.00	
	Mfr. <u>Grundfos</u>	\$200,000.00	
l.	Vertical Turbine Pumps - Section 10.24		\$125,000.00
	Mfr. <u>Peerless Pump Company</u>	\$125,000.00	
	Mfr. <u>Sulzer</u>	\$130,000.00	
m.	Chemical Feed Equipment - Section 10.25		\$150,000.00
	Mfr. <u>Watson - Marlow</u>	\$150,000.00	
	Mfr. <u>Graco</u>		
n.	Back-Up Pump - Section 10.27		\$150,000.00
	Mfr. <u>Xylem (Godwin, Inc.)</u>	\$150,000.00	
	Mfr. <u>Global Pump</u>		
o.	Instrumentation - Section 11		\$275,000.00
	Mfr. <u>JK Duren, Inc.</u>	\$279,000.00	
	Mfr. <u>MR Systems, Inc.</u>	\$275,000.00	
p.	Variable Frequency Drives - Section 12.14		\$40,000.00
	Mfr. <u>ABB</u>		
	Mfr. <u>Danfoss</u>	\$40,000.00	
	Mfr. <u>Yaskawa</u>		
Subtotal, Item 2a through 2p inclusive, the amount of:			\$3,280,000.00
Subtotal, Items 1 and 2 inclusive, the amount of:			\$12,524,500.00

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Haren Construction Company, Inc.
Etowah, Tennessee

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
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3. SOIL EROSION CONTROL DEVICES

a.	3,125	LF	Silt Fence (Type Sd-1c)	\$3.20	\$10,000.00
b.	4	EA	Check Dam (Cd-S)	\$500.00	\$2,000.00
c.	7.5	CY	Riprap (Rp)	\$200.00	\$1,500.00
d.	1	LS	Grassing of Disturbed Areas	\$9,000.00	\$9,000.00

4. STORMWATER MONITORING

a.	1	EA	Monitoring Site (establish, construct and operate all sites)	\$7,000.00	\$7,000.00
b.	2	EA	Sampling Events	\$100.00	\$200.00
5.	1	LS	LANDSCAPING ALLOWANCE	\$40,000.00	\$40,000.00
6.	1	LS	SPARE PARTS ALLOWANCE	\$10,000.00	\$10,000.00
7.	1	LS	LABORATORY EQUIPMENT ALLOWANCE	\$30,000.00	\$30,000.00
8.	1	LS	AERATION BASIN VELOCITY AND OXYGEN TESTING ALLOWANCE	\$40,000.00	\$40,000.00
9.	1	LS	SEED SLUDGE HAULING ALLOWANCE	\$5,000.00	\$5,000.00

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Haren Construction Company, Inc.
Etowah, Tennessee

Subtotal, Items 3 through 9 inclusive, the amount of:

\$154,700.00

EXTRA WORK, IF ORDERED BY ENGINEER

(To cover authorized changes in scope of lump sum work under Item No. 1)

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
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10. EXCAVATION AND BACKFILL

a.	100	CY	Hand, Dry	\$10.00	\$1,000.00
b.	100	CY	Hand, Wet and Dewatering	\$20.00	\$2,000.00
c.	100	CY	Machine, Dry	\$7.00	\$700.00
d.	100	CY	Machine, Wet and Dewatering	\$12.00	\$1,200.00
e.	250	SY	Geotextile Fabric	\$4.00	\$1,000.00
f.	400	CY	No. 57 Stone Stabilization (including undercutting and removal of unsuitable soils, backfilling with stone)	\$50.00	\$20,000.00

11. CONCRETE WORK

a.	10	CY	Class "A" Concrete	\$150.00	\$1,500.00
b.	10	CY	Class "B" Concrete	\$150.00	\$1,500.00
c.	10	CY	Class "C" Concrete	\$150.00	\$1,500.00
d.	500	LBS	Reinforcing Steel	\$1.00	\$500.00
e.	100	SF	Contact Forms	\$3.00	\$300.00

12. PLANT SEWER LINES

a.	50	LF	6" Ductile Iron Pipe	\$60.00	\$3,000.00
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<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
b.	50	LF	8" Ductile Iron Pipe	\$70.00	\$3,500.00
c.	50	LF	10" Ductile Iron Pipe	\$80.00	\$4,000.00
d.	50	LF	12" Ductile Iron Pipe	\$90.00	\$4,500.00

13. DUCTILE IRON PIPE, IN PLACE (FLANGED JOINT)

a.	10	LF	4" Ductile Iron Pipe	\$70.00	\$700.00
b.	10	LF	6" Ductile Iron Pipe	\$100.00	\$1,000.00
c.	10	LF	8" Ductile Iron Pipe	\$140.00	\$1,400.00
d.	10	LF	10" Ductile Iron Pipe	\$220.00	\$2,200.00
e.	10	LF	12" Ductile Iron Pipe	\$250.00	\$2,500.00

14. DUCTILE IRON PIPE, IN PLACE (PUSH ON TYPE)

a.	10	LF	4" Ductile Iron Pipe	\$60.00	\$600.00
b.	10	LF	6" Ductile Iron Pipe	\$70.00	\$700.00
c.	10	LF	8" Ductile Iron Pipe	\$80.00	\$800.00
d.	10	LF	10" Ductile Iron Pipe	\$90.00	\$900.00
e.	10	LF	12" Ductile Iron Pipe	\$100.00	\$1,000.00
f.	10	LF	16" Ductile Iron Pipe	\$120.00	\$1,200.00
g.	10	LF	18" Ductile Iron Pipe	\$140.00	\$1,400.00

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
h.	10	LF	24" Ductile Iron Pipe	\$160.00	\$1,600.00

15. DUCTILE IRON PIPE FITTINGS

a.	0.2	Tons	Bell and Spigot	\$6,000.00	\$1,200.00
b.	0.2	Tons	Mechanical Joint	\$6,000.00	\$1,200.00
c.	0.2	Tons	Flanges	\$10,000.00	\$2,000.00
16.	200	LF	6' CHAIN LINK FENCE WITH BARBED WIRE	\$31.00	\$6,200.00

Subtotal, Items 10 through 16 inclusive, the amount of: \$72,800.00

TOTAL AMOUNT BID, ITEMS 1 THROUGH 16, INCLUSIVE, THE AMOUNT OF:

\$12,752,000.00

ADDITIONS / DEDUCTIONS

Note: The Owner reserves the right to add any or all of the following additions/deduction of the work for the purpose of making contract award. Award of the contract may be with one or more of these items. Each bidder must fill in the unit price amount for each item below.

A-1 For furnishing all materials, equipment and performing all labor necessary for installing a the odor control system, electrical, piping, mechanical, (excluding major mechanical equipment listed in A-1a), painting and all other work, complete with appurtenances as shown on the Drawings or as specified herein, add the following amount:

\$110,000.00

A-1a Odor Control System - Section 10.25

Mfr. Bio Air \$100,000.00

Total amount, Addition A-1 inclusive, the amount of: \$210,000.00

- A-2** Provide a 1.7 meter sludge dewatering press in lieu of the 1.2 meter press as described in Section 10.19 of these Specifications, add the following amount:

\$32,000.00

- A-3** To coat the interior of the raw sewage pump station per Section 14 of these Specifications, add the following amount:

\$100,000.00

- A-4** To add brick feature to control building wall as shown on the Drawings, add the following amount:

\$20,000.00

- D-1** To delete the brick entrance sign, delete the following amount:

\$10,000.00

- D-2** To delete the Excell velocity enhancer as described in Section 10.15.G.5. of these Specifications, including the velocity enhancer concrete wall, delete the following amount:

\$12,000.00

- D-3** Provide a 500 kw generator in lieu of the 750 kw generator, deduct the following amount:

\$60,000.00

- D-4** To delete the density current baffle called for in Specification Section 10.16.K, deduct the following amount:

\$25,000.00

- D-5** To construct the asphalt access road with 8" graded aggregate base in lieu of asphalt, deduct the following amount:

\$30,000.00

- D-6** To delete the Plant SCADA system components as described in Section 11, including SCADA field wiring, conduit to remain, as shown on the control wiring diagram, deduct the following amount:

\$100,000.00

- D-7** To replace the tertiary filters specified with the alternate Kruger Model HSF2212/6-2C. Bid amount shall include the cost of all required modifications and any additional engineering design and review required. Any additional changes shall be made at no additional cost to Owner.

Deduct the following amount:

\$0.00

**CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT**

**P.F. Moon & Company, Inc.
West Point, Georgia**

For furnishing all materials and equipment and performing all labor necessary for constructing the Keg Creek Water Pollution Control Plant as shown on the Drawings and as specified for the following prices and approximate quantities shown.

Item 1. For furnishing all materials and equipment and performing all labor necessary for for constructing the Keg Creek WPCP including earth excavation, backfill, grading, roadways, substructures, yard piping, drains, electrical, mechanical (excluding the cost of Major Mechanical Equipment listed in Item No. 2), painting and all other work and appurtenances for completion of the work as shown on the Drawings and/or as specified, the lump sum of:

\$9,731,440.00

Item 2: For furnishing and installing Major Mechanical Equipment.

<i>Equipment and Manufacturer</i>	<i>Price</i>	<i>Base Price</i>
a. Mechanical Bar Screen - Section 10.13		\$96,000.00
Mfr. <u>Huber</u>	\$130,000.00	
Mfr. <u>Headworks</u>	\$96,000.00	
b. Grit Removal System - Section 10.14		\$149,000.00
Mfr. <u>Hydro</u>	\$149,000.00	
c. Aeration Equipment - Section 10.15		\$585,000.00
Mfr. <u>Ovivo, Inc.</u>	\$585,000.00	
d. Final Clarifiers - Section 10.16		\$225,000.00
Mfr. <u>Ovivo, Inc.</u>	\$225,000.00	
e. Tertiary Filter System - Section 10.17		\$300,000.00
Mfr. <u>Aqua Aerobics</u>	\$300,000.00	
f. UV Disinfection System - Section 10.18		\$275,000.00
Mfr. <u>Trojan</u>	\$275,000.00	
g. Sludge Dewatering System - Section 10.19		\$350,000.00
Mfr. <u>Charter</u>	\$379,000.00	
Mfr. <u>BDP</u>	\$350,000.00	

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

P.F. Moon & Company, Inc.
West Point, Georgia

<i>Equipment and Manufacturer</i>		<i>Price</i>	<i>Base Price</i>
h.	Rotary Screw Blower Package - Section 10.20		\$110,000.00
Mfr.	<u>Aerzen</u>	\$120,000.00	
Mfr.	<u>Kaeser</u>	\$110,000.00	
i.	Post Air Blower - Section 10.21		\$13,000.00
Mfr.	<u>Aerzen</u>	\$20,000.00	
Mfr.	<u>Kaeser</u>	\$13,000.00	
j.	Diffused Aeration System - Section 10.22		\$25,000.00
Mfr.	<u>Aquarius</u>	\$25,000.00	
Mfr.	<u>Sanitare</u>	\$26,000.00	
k.	Submersible Pumps - Section 10.23		\$220,000.00
Mfr.	<u>Xylem</u>	\$340,000.00	
Mfr.	<u>Grundfos</u>	\$220,000.00	
l.	Vertical Turbine Pumps - Section 10.24		\$140,000.00
Mfr.	<u>Pureless</u>	\$140,000.00	
Mfr.	<u>Sulzer</u>	\$160,000.00	
m.	Chemical Feed Equipment - Section 10.25		\$149,000.00
Mfr.	<u>Watson Marlow</u>	\$149,000.00	
n.	Back-Up Pump - Section 10.27		\$142,000.00
Mfr.	<u>Xylem</u>	\$142,000.00	
o.	Instrumentation - Section 11		\$250,000.00
Mfr.	<u>MR System</u>	\$250,000.00	
Mfr.	<u>JK Duren</u>	\$280,000.00	
p.	Variable Frequency Drives - Section 12.14		\$35,000.00
Mfr.	<u>Danfoss</u>	\$35,000.00	
Subtotal, Item 2a through 2p inclusive, the amount of:			\$3,064,000.00
Subtotal, Items 1 and 2 inclusive, the amount of:			\$12,795,440.00

<i>Item</i>					
<i>No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>

3. SOIL EROSION CONTROL DEVICES

a.	3,125	LF	Silt Fence (Type Sd-1c)	\$2.00	\$6,250.00
b.	4	EA	Check Dam (Cd-S)	\$650.00	\$2,600.00
c.	7.5	CY	Riprap (Rp)	\$100.00	\$750.00
d.	1	LS	Grassing of Disturbed Areas	\$10,000.00	\$10,000.00

4. STORMWATER MONITORING

a.	1	EA	Monitoring Site (establish, construct and operate all sites)	\$6,500.00	\$6,500.00
b.	2	EA	Sampling Events	\$200.00	\$400.00
5.	1	LS	LANDSCAPING ALLOWANCE	\$40,000.00	\$40,000.00
6.	1	LS	SPARE PARTS ALLOWANCE	\$10,000.00	\$10,000.00
7.	1	LS	LABORATORY EQUIPMENT ALLOWANCE	\$30,000.00	\$30,000.00
8.	1	LS	AERATION BASIN VELOCITY AND OXYGEN TESTING ALLOWANCE	\$40,000.00	\$40,000.00
9.	1	LS	SEED SLUDGE HAULING ALLOWANCE	\$5,000.00	\$5,000.00

Subtotal, Items 3 through 9 inclusive, the amount of:

\$151,500.00

EXTRA WORK, IF ORDERED BY ENGINEER

(To cover authorized changes in scope of lump sum work under Item No. 1)

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
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10. EXCAVATION AND BACKFILL

a.	100	CY	Hand, Dry	\$50.00	\$5,000.00
b.	100	CY	Hand, Wet and Dewatering	\$70.00	\$7,000.00
c.	100	CY	Machine, Dry	\$10.00	\$1,000.00
d.	100	CY	Machine, Wet and Dewatering	\$15.00	\$1,500.00
e.	250	SY	Geotextile Fabric	\$4.00	\$1,000.00
f.	400	CY	No. 57 Stone Stabilization (including undercutting and removal of unsuitable soils, backfilling with stone)	\$60.00	\$24,000.00

11. CONCRETE WORK

a.	10	CY	Class "A" Concrete	\$200.00	\$2,000.00
b.	10	CY	Class "B" Concrete	\$190.00	\$1,900.00
c.	10	CY	Class "C" Concrete	\$180.00	\$1,800.00
d.	500	LBS	Reinforcing Steel	\$1.00	\$500.00
e.	100	SF	Contact Forms	\$10.00	\$1,000.00

12. PLANT SEWER LINES

a.	50	LF	6" Ductile Iron Pipe	\$60.00	\$3,000.00
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<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
b.	50	LF	8" Ductile Iron Pipe	\$65.00	\$3,250.00
c.	50	LF	10" Ductile Iron Pipe	\$70.00	\$3,500.00
d.	50	LF	12" Ductile Iron Pipe	\$80.00	\$4,000.00

13. DUCTILE IRON PIPE, IN PLACE (FLANGED JOINT)

a.	10	LF	4" Ductile Iron Pipe	\$84.00	\$840.00
b.	10	LF	6" Ductile Iron Pipe	\$94.00	\$940.00
c.	10	LF	8" Ductile Iron Pipe	\$135.00	\$1,350.00
d.	10	LF	10" Ductile Iron Pipe	\$148.00	\$1,480.00
e.	10	LF	12" Ductile Iron Pipe	\$170.00	\$1,700.00

14. DUCTILE IRON PIPE, IN PLACE (PUSH ON TYPE)

a.	10	LF	4" Ductile Iron Pipe	\$50.00	\$500.00
b.	10	LF	6" Ductile Iron Pipe	\$55.00	\$550.00
c.	10	LF	8" Ductile Iron Pipe	\$70.00	\$700.00
d.	10	LF	10" Ductile Iron Pipe	\$80.00	\$800.00
e.	10	LF	12" Ductile Iron Pipe	\$90.00	\$900.00
f.	10	LF	16" Ductile Iron Pipe	\$100.00	\$1,000.00
g.	10	LF	18" Ductile Iron Pipe	\$125.00	\$1,250.00

<i>Item</i>					
<i>No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
h.	10	LF	24" Ductile Iron Pipe	\$160.00	\$1,600.00

15. DUCTILE IRON PIPE FITTINGS

a.	0.2	Tons	Bell and Spigot	\$6,000.00	\$1,200.00
b.	0.2	Tons	Mechanical Joint	\$7,000.00	\$1,400.00
c.	0.2	Tons	Flanges	\$7,000.00	\$1,400.00
16.	200	LF	6' CHAIN LINK FENCE WITH BARBED WIRE	\$25.00	\$5,000.00

Subtotal, Items 10 through 16 inclusive, the amount of: \$83,060.00

TOTAL AMOUNT BID, ITEMS 1 THROUGH 16, INCLUSIVE, THE AMOUNT OF: \$13,030,000.00

ADDITIONS / DEDUCTIONS

Note: The Owner reserves the right to add any or all of the following additions/deduction of the work for the purpose of making contract award. Award of the contract may be with one or more of these items.

A-1 For furnishing all materials, equipment and performing all labor necessary for installing a the odor control system, electrical, piping, mechanical, (excluding major mechanical equipment listed in A-1a),

\$45,000.00

A-1a Odor Control System - Section 10.25 \$100,000.00

Mfr. Bio-Air \$100,000.00

Total amount, Addition A-1 inclusive, the amount of: \$145,000.00

A-2 Provide a 1.7 meter sludge dewatering press in lieu of the 1.2 meter press as described in Section 10.19 of these Specifications, add the following amount:

\$35,000.00

A-3 To coat the interior of the raw sewage pump station per Section 14 of these Specifications, add the following amount:

\$93,500.00

A-4 To add brick feature to control building wall as shown on the Drawings, add the following amount:

\$10,500.00

D-1 To delete the brick entrance sign, delete the following amount:

\$10,000.00

D-2 To delete the Excell velocity enhancer as described in Section 10.15.G.5. of these Specifications, including the velocity enhancer concrete wall, delete the following amount:

\$18,000.00

D-3 Provide a 500 kw generator in lieu of the 750 kw generator, deduct the following amount:

\$65,000.00

D-4 To delete the density current baffle called for in Specificaton Section 10.16.K, deduct the following amount:

\$20,000.00

D-5 To construct the asphalt access road with 8" graded aggregate base in lieu of asphalt, deduct the following amount:

\$23,600.00

D-6 To delete the Plant SCADA system components as described in Section 11, including SCADA field wiring, conduit to remain, as shown on the control wiring diagram, deduct the following amount:

\$102,000.00

D-7 To replace the tertiary filters specified with the alternate Kruger Model HSF2212/6-2C. Bid amount shall include the cost of all required modifications and any additional engineering design and review required. Any additional changes shall be made at no additional cost to Owner.

Deduct the following amount:

\$20,000.00

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Max Foote Const. Company, LLC
Birmingham, Alabama

For furnishing all materials and equipment and performing all labor necessary for constructing the Keg Creek Water Pollution Control Plant as shown on the Drawings and as specified for the following prices and approximate quantities shown.

Item 1. For furnishing all materials and equipment and performing all labor necessary for for constructing the Keg Creek WPCP including earth excavation, backfill, grading, roadways, substructures, yard piping, drains, electrical, mechanical (excluding the cost of Major Mechanical Equipment listed in Item No. 2), painting and all other work and appurtenances for completion of the work as shown on the Drawings and/or as specified, the lump sum of:

\$10,207,525.00

Item 2: For furnishing and installing Major Mechanical Equipment.

<i>Equipment and Manufacturer</i>	<i>Price</i>	<i>Base Price</i>
a. Mechanical Bar Screen - Section 10.13		\$95,000.00
Mfr. <u>Headworks, Inc.</u>	\$95,000.00	
b. Grit Removal System - Section 10.14		\$149,000.00
Mfr. <u>Hydro International</u>	\$149,000.00	
c. Aeration Equipment - Section 10.15		\$585,000.00
Mfr. <u>Ovivo</u>	\$585,000.00	
d. Final Clarifiers - Section 10.16		\$225,000.00
Mfr. <u>Ovivo</u>	\$225,000.00	
e. Tertiary Filter System - Section 10.17		\$300,000.00
Mfr. <u>Aqua</u>	\$300,000.00	
f. UV Disinfection System - Section 10.18		\$275,000.00
Mfr. <u>Trojan</u>	\$275,000.00	
g. Sludge Dewatering System - Section 10.19		\$350,000.00
Mfr. <u>BDP</u>	\$350,000.00	

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Max Foote Const. Company, LLC
Birmingham, Alabama

<i>Equipment and Manufacturer</i>	<i>Price</i>	<i>Base Price</i>
h. Rotary Screw Blower Package - Section 10.20		\$109,400.00
Mfr. <u>Kaeser</u>	\$109,400.00	
i. Post Air Blower - Section 10.21		\$13,300.00
Mfr. <u>Kaeser</u>	\$13,300.00	
j. Diffused Aeration System - Section 10.22		\$30,000.00
Mfr. <u>Aquarius</u>	\$30,000.00	
k. Submersible Pumps - Section 10.23		\$186,000.00
Mfr. <u>Grundfos</u>	\$186,000.00	
l. Vertical Turbine Pumps - Section 10.24		\$150,000.00
Mfr. <u>Peerless</u>	\$150,000.00	
m. Chemical Feed Equipment - Section 10.25		\$149,000.00
Mfr. <u>Watson Marlow</u>	\$149,000.00	
n. Back-Up Pump - Section 10.27		\$127,775.00
Mfr. <u>Global</u>	\$127,775.00	
o. Instrumentation - Section 11		\$250,000.00
Mfr. <u>M-R</u>	\$250,000.00	
p. Variable Frequency Drives - Section 12.14		\$35,000.00
Mfr. <u>Danfoss</u>	\$35,000.00	
Subtotal, Item 2a through 2p inclusive, the amount of:		\$3,029,475.00
Subtotal, Items 1 and 2 inclusive, the amount of:		\$13,237,000.00

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Max Foote Const. Company, LLC
Birmingham, Alabama

<i>Item</i>					
<i>No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>

3. SOIL EROSION CONTROL DEVICES

a.	3,125	LF	Silt Fence (Type Sd-1c)	\$4.00	\$12,500.00
b.	4	EA	Check Dam (Cd-S)	\$500.00	\$2,000.00
c.	7.5	CY	Riprap (Rp)	\$150.00	\$1,125.00
d.	1	LS	Grassing of Disturbed Areas	\$14,500.00	\$14,500.00

4. STORMWATER MONITORING

a.	1	EA	Monitoring Site (establish, construct and operate all sites)	\$8,000.00	\$8,000.00
b.	2	EA	Sampling Events	\$500.00	\$1,000.00
5.	1	LS	LANDSCAPING ALLOWANCE	\$40,000.00	\$40,000.00
6.	1	LS	SPARE PARTS ALLOWANCE	\$10,000.00	\$10,000.00
7.	1	LS	LABORATORY EQUIPMENT ALLOWANCE	\$30,000.00	\$30,000.00
8.	1	LS	AERATION BASIN VELOCITY AND OXYGEN TESTING ALLOWANCE	\$40,000.00	\$40,000.00
9.	1	LS	SEED SLUDGE HAULING ALLOWANCE	\$5,000.00	\$5,000.00

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Max Foote Const. Company, LLC
Birmingham, Alabama

Subtotal, Items 3 through 9 inclusive, the amount of:

\$164,125.00

EXTRA WORK, IF ORDERED BY ENGINEER

(To cover authorized changes in scope of lump sum work under Item No. 1)

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
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10. EXCAVATION AND BACKFILL

a.	100	CY	Hand, Dry	\$10.00	\$1,000.00
b.	100	CY	Hand, Wet and Dewatering	\$15.00	\$1,500.00
c.	100	CY	Machine, Dry	\$5.00	\$500.00
d.	100	CY	Machine, Wet and Dewatering	\$10.00	\$1,000.00
e.	250	SY	Geotextile Fabric	\$4.00	\$1,000.00
f.	400	CY	No. 57 Stone Stabilization (including undercutting and removal of unsuitable soils, backfilling with stone)	\$60.00	\$24,000.00

11. CONCRETE WORK

a.	10	CY	Class "A" Concrete	\$130.00	\$1,300.00
b.	10	CY	Class "B" Concrete	\$120.00	\$1,200.00
c.	10	CY	Class "C" Concrete	\$110.00	\$1,100.00
d.	500	LBS	Reinforcing Steel	\$0.50	\$250.00
e.	100	SF	Contact Forms	\$5.00	\$500.00

12. PLANT SEWER LINES

a.	50	LF	6" Ductile Iron Pipe	\$23.00	\$1,150.00
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<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
b.	50	LF	8" Ductile Iron Pipe	\$30.00	\$1,500.00
c.	50	LF	10" Ductile Iron Pipe	\$34.00	\$1,700.00
d.	50	LF	12" Ductile Iron Pipe	\$42.00	\$2,100.00

13. DUCTILE IRON PIPE, IN PLACE (FLANGED JOINT)

a.	10	LF	4" Ductile Iron Pipe	\$60.00	\$600.00
b.	10	LF	6" Ductile Iron Pipe	\$72.00	\$720.00
c.	10	LF	8" Ductile Iron Pipe	\$101.00	\$1,010.00
d.	10	LF	10" Ductile Iron Pipe	\$131.00	\$1,310.00
e.	10	LF	12" Ductile Iron Pipe	\$170.00	\$1,700.00

14. DUCTILE IRON PIPE, IN PLACE (PUSH ON TYPE)

a.	10	LF	4" Ductile Iron Pipe	\$28.00	\$280.00
b.	10	LF	6" Ductile Iron Pipe	\$23.00	\$230.00
c.	10	LF	8" Ductile Iron Pipe	\$30.00	\$300.00
d.	10	LF	10" Ductile Iron Pipe	\$34.00	\$340.00
e.	10	LF	12" Ductile Iron Pipe	\$42.00	\$420.00
f.	10	LF	16" Ductile Iron Pipe	\$64.00	\$640.00
g.	10	LF	18" Ductile Iron Pipe	\$74.00	\$740.00

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
h.	10	LF	24" Ductile Iron Pipe	\$116.00	\$1,160.00

15. DUCTILE IRON PIPE FITTINGS

a.	0.2	Tons	Bell and Spigot	\$3,600.00	\$720.00
b.	0.2	Tons	Mechanical Joint	\$5,000.00	\$1,000.00
c.	0.2	Tons	Flanges	\$5,500.00	\$1,100.00
16.	200	LF	6' CHAIN LINK FENCE WITH BARBED WIRE	\$39.00	\$7,800.00
Subtotal, Items 10 through 16 inclusive, the amount of:					\$59,870.00

TOTAL AMOUNT BID, ITEMS 1 THROUGH 16, INCLUSIVE, THE AMOUNT OF:

\$13,460,995.00

ADDITIONS / DEDUCTIONS

Note: The Owner reserves the right to add any or all of the following additions/deduction of the work for the purpose of making contract award. Award of the contract may be with one or more of these items. Each bidder must fill in the unit price amount for each item below.

A-1 For furnishing all materials, equipment and performing all labor necessary for installing a the odor control system, electrical, piping, mechanical, (excluding major mechanical equipment listed in A-1a), painting and all other work, complete with appurtenances as shown on the Drawings or as specified herein, add the following amount:

\$157,767.00

A-1a Odor Control System - Section 10.25

Mfr. BioAir \$99,000.00

Total amount, Addition A-1 inclusive, the amount of:

\$256,767.00

- A-2** Provide a 1.7 meter sludge dewatering press in lieu of the 1.2 meter press as described in Section 10.19 of these Specifications, add the following amount:
- \$30,000.00
- A-3** To coat the interior of the raw sewage pump station per Section 14 of these Specifications, add the following amount:
- \$95,000.00
- A-4** To add brick feature to control building wall as shown on the Drawings, add the following amount:
- \$15,000.00
- D-1** To delete the brick entrance sign, delete the following amount:
- \$4,500.00
- D-2** To delete the Excell velocity enhancer as described in Section 10.15.G.5. of these Specifications, including the velocity enhancer concrete wall, delete the following amount:
- \$12,100.00
- D-3** Provide a 500 kw generator in lieu of the 750 kw generator, deduct the following amount:
- \$60,000.00
- D-4** To delete the density current baffle called for in Specificaton Section 10.16.K, deduct the following amount:
- \$22,400.00
- D-5** To construct the asphalt access road with 8" graded aggregate base in lieu of asphalt, deduct the following amount:
- \$26,000.00
- D-6** To delete the Plant SCADA system components as described in Section 11, including SCADA field wiring, conduit to remain, as shown on the control wiring diagram, deduct the following amount:
- \$100,000.00
- D-7** To replace the tertiary filters specified with the alternate Kruger Model HSF2212/6-2C. Bid amount shall include the cost of all required modifications and any additional engineering design and review required. Any additional changes shall be made at no additional cost to Owner.
- Deduct the following amount:
- \$0.00

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Reeves Young
Sugar Hill, Georgia

For furnishing all materials and equipment and performing all labor necessary for constructing the Keg Creek Water Pollution Control Plant as shown on the Drawings and as specified for the following prices and approximate quantities shown.

Item 1. For furnishing all materials and equipment and performing all labor necessary for for constructing the Keg Creek WPCP including earth excavation, backfill, grading, roadways, substructures, yard piping, drains, electrical, mechanical (excluding the cost of Major Mechanical Equipment listed in Item No. 2), painting and all other work and appurtenances for completion of the work as shown on the Drawings and/or as specified, the lump sum of:

\$10,362,771.00

Item 2: For furnishing and installing Major Mechanical Equipment.

<i>Equipment and Manufacturer</i>	<i>Price</i>	<i>Base Price</i>
a. Mechanical Bar Screen - Section 10.13		\$95,350.00
Mfr. <u>Headworks</u>	\$95,350.00	
Mfr. <u>Huber</u>	\$130,000.00	
b. Grit Removal System - Section 10.14		\$150,000.00
Mfr. <u>Hydro International</u>	\$150,000.00	
c. Aeration Equipment - Section 10.15		\$585,000.00
Mfr. <u>Ovivo, Inc.</u>	\$585,000.00	
d. Final Clarifiers - Section 10.16		\$225,000.00
Mfr. <u>Ovivo, Inc.</u>	\$225,000.00	
e. Tertiary Filter System - Section 10.17		\$350,000.00
Mfr. <u>Aqua Aerobics</u>	\$350,000.00	
f. UV Disinfection System - Section 10.18		\$275,000.00
Mfr. <u>Trojan Technologies</u>	\$275,000.00	
g. Sludge Dewatering System - Section 10.19		\$345,000.00
Mfr. <u>BDP Industries</u>	\$345,000.00	
Mfr. <u>Charter Machine Company</u>	\$379,000.00	

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Reeves Young
Sugar Hill, Georgia

<i>Equipment and Manufacturer</i>		<i>Price</i>	<i>Base Price</i>
h.	Rotary Screw Blower Package - Section 10.20		\$109,400.00
	Mfr. <u>Aerzen USA Corporation</u>	\$135,000.00	
	Mfr. <u>Kaeser Compressors, Inc.</u>	\$109,400.00	
i.	Post Air Blower - Section 10.21		\$13,300.00
	Mfr. <u>Aerzen USA Corporation</u>	\$20,000.00	
	Mfr. <u>Kaeser Compressors, Inc.</u>	\$13,300.00	
j.	Diffused Aeration System - Section 10.22		\$25,000.00
	Mfr. <u>Aquarius Technology</u>	\$25,000.00	
	Mfr. <u>Sanitaire</u>	\$30,000.00	
k.	Submersible Pumps - Section 10.23		\$186,200.00
	Mfr. <u>Xylem (Flygt, Inc.)</u>	\$348,510.00	
	Mfr. <u>Grundfos</u>	\$186,200.00	
l.	Vertical Turbine Pumps - Section 10.24		\$110,000.00
	Mfr. <u>Peerless Pump Company</u>	\$110,000.00	
	Mfr. <u>Sulzer</u>	\$114,000.00	
m.	Chemical Feed Equipment - Section 10.25		\$149,000.00
	Mfr. <u>Watson - Marlow</u>	\$149,000.00	
	Mfr. <u>Graco</u>	No Bid	
n.	Back-Up Pump - Section 10.27		\$141,704.00
	Mfr. <u>Xylem (Godwin, Inc.)</u>	\$141,704.00	
	Mfr. <u>Global Pump</u>	No Bid	
o.	Instrumentation - Section 11		\$250,000.00
	Mfr. <u>JK Duren, Inc.</u>	\$284,490.00	
	Mfr. <u>MR Systems, Inc.</u>	\$250,000.00	
p.	Variable Frequency Drives - Section 12.14		\$35,000.00
	Mfr. <u>ABB</u>	\$54,000.00	
	Mfr. <u>Danfoss</u>	\$35,000.00	
Subtotal, Item 2a through 2p inclusive, the amount of:			\$3,044,954.00
Subtotal, Items 1 and 2 inclusive, the amount of:			\$13,407,725.00

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
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3. SOIL EROSION CONTROL DEVICES

a.	3,125	LF	Silt Fence (Type Sd-1c)	\$4.00	\$12,500.00
b.	4	EA	Check Dam (Cd-S)	\$550.00	\$2,200.00
c.	7.5	CY	Riprap (Rp)	\$150.00	\$1,125.00
d.	1	LS	Grassing of Disturbed Areas	\$5,700.00	\$5,700.00

4. STORMWATER MONITORING

a.	1	EA	Monitoring Site (establish, construct and operate all sites)	\$800.00	\$800.00
b.	2	EA	Sampling Events	\$1,000.00	\$2,000.00
5.	1	LS	LANDSCAPING ALLOWANCE	\$40,000.00	\$40,000.00
6.	1	LS	SPARE PARTS ALLOWANCE	\$10,000.00	\$10,000.00
7.	1	LS	LABORATORY EQUIPMENT ALLOWANCE	\$30,000.00	\$30,000.00
8.	1	LS	AERATION BASIN VELOCITY AND OXYGEN TESTING ALLOWANCE	\$40,000.00	\$40,000.00
9.	1	LS	SEED SLUDGE HAULING ALLOWANCE	\$5,000.00	\$5,000.00

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Reeves Young
Sugar Hill, Georgia

Subtotal, Items 3 through 9 inclusive, the amount of:

\$149,325.00

EXTRA WORK, IF ORDERED BY ENGINEER

(To cover authorized changes in scope of lump sum work under Item No. 1)

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
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10. EXCAVATION AND BACKFILL

a.	100	CY	Hand, Dry	\$60.00	\$6,000.00
b.	100	CY	Hand, Wet and Dewatering	\$70.00	\$7,000.00
c.	100	CY	Machine, Dry	\$20.00	\$2,000.00
d.	100	CY	Machine, Wet and Dewatering	\$30.00	\$3,000.00
e.	250	SY	Geotextile Fabric	\$3.00	\$750.00
f.	400	CY	No. 57 Stone Stabilization (including undercutting and removal of unsuitable soils, backfilling with stone)	\$70.00	\$28,000.00

11. CONCRETE WORK

a.	10	CY	Class "A" Concrete	\$200.00	\$2,000.00
b.	10	CY	Class "B" Concrete	\$150.00	\$1,500.00
c.	10	CY	Class "C" Concrete	\$140.00	\$1,400.00
d.	500	LBS	Reinforcing Steel	\$1.00	\$500.00
e.	100	SF	Contact Forms	\$10.00	\$1,000.00

12. PLANT SEWER LINES

a.	50	LF	6" Ductile Iron Pipe	\$60.00	\$3,000.00
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CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Reeves Young
Sugar Hill, Georgia

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
b.	50	LF	8" Ductile Iron Pipe	\$65.00	\$3,250.00
c.	50	LF	10" Ductile Iron Pipe	\$70.00	\$3,500.00
d.	50	LF	12" Ductile Iron Pipe	\$75.00	\$3,750.00

13. DUCTILE IRON PIPE, IN PLACE (FLANGED JOINT)

a.	10	LF	4" Ductile Iron Pipe	\$65.00	\$650.00
b.	10	LF	6" Ductile Iron Pipe	\$70.00	\$700.00
c.	10	LF	8" Ductile Iron Pipe	\$75.00	\$750.00
d.	10	LF	10" Ductile Iron Pipe	\$80.00	\$800.00
e.	10	LF	12" Ductile Iron Pipe	\$85.00	\$850.00

14. DUCTILE IRON PIPE, IN PLACE (PUSH ON TYPE)

a.	10	LF	4" Ductile Iron Pipe	\$50.00	\$500.00
b.	10	LF	6" Ductile Iron Pipe	\$60.00	\$600.00
c.	10	LF	8" Ductile Iron Pipe	\$75.00	\$750.00
d.	10	LF	10" Ductile Iron Pipe	\$85.00	\$850.00
e.	10	LF	12" Ductile Iron Pipe	\$95.00	\$950.00
f.	10	LF	16" Ductile Iron Pipe	\$105.00	\$1,050.00
g.	10	LF	18" Ductile Iron Pipe	\$115.00	\$1,150.00

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Reeves Young
Sugar Hill, Georgia

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
h.	10	LF	24" Ductile Iron Pipe	\$150.00	\$1,500.00

15. DUCTILE IRON PIPE FITTINGS

a.	0.2	Tons	Bell and Spigot	\$5,000.00	\$1,000.00
b.	0.2	Tons	Mechanical Joint	\$7,000.00	\$1,400.00
c.	0.2	Tons	Flanges	\$9,000.00	\$1,800.00
16.	200	LF	6' CHAIN LINK FENCE WITH BARBED WIRE	\$30.00	\$6,000.00
Subtotal, Items 10 through 16 inclusive, the amount of:					\$87,950.00

TOTAL AMOUNT BID, ITEMS 1 THROUGH 16, INCLUSIVE, THE AMOUNT OF:

\$13,645,000.00

ADDITIONS / DEDUCTIONS

Note: The Owner reserves the right to add any or all of the following additions/deduction of the work for the purpose of making contract award. Award of the contract may be with one or more of these items. Each bidder must fill in the unit price amount for each item below.

A-1 For furnishing all materials, equipment and performing all labor necessary for installing a the odor control system, electrical, piping, mechanical, (excluding major mechanical equipment listed in A-1a), painting and all other work, complete with appurtenances as shown on the Drawings or as specified herein, add the following amount:

\$65,220.00

A-1a Odor Control System - Section 10.25

Mfr. Bio-Air \$99,780.00

Total amount, Addition A-1 inclusive, the amount of:

\$165,000.00

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Reeves Young
Sugar Hill, Georgia

A-2 Provide a 1.7 meter sludge dewatering press in lieu of the 1.2 meter press as described in Section 10.19 of these Specifications, add the following amount:

\$34,700.00

A-3 To coat the interior of the raw sewage pump station per Section 14 of these Specifications, add the following amount:

\$85,600.00

A-4 To add brick feature to control building wall as shown on the Drawings, add the following amount:

\$17,760.00

D-1 To delete the brick entrance sign, delete the following amount:

\$5,600.00

D-2 To delete the Excell velocity enhancer as described in Section 10.15.G.5. of these Specifications, including the velocity enhancer concrete wall, delete the following amount:

\$11,070.00

D-3 Provide a 500 kw generator in lieu of the 750 kw generator, deduct the following amount:

\$89,345.00

D-4 To delete the density current baffle called for in Specificaton Section 10.16.K, deduct the following amount:

\$21,600.00

D-5 To construct the asphalt access road with 8" graded aggregate base in lieu of asphalt, deduct the following amount:

\$49,636.00

D-6 To delete the Plant SCADA system components as described in Section 11, including SCADA field wiring, conduit to remain, as shown on the control wiring diagram, deduct the following amount:

\$108,000.00

D-7 To replace the tertiary filters specified with the alternate Kruger Model HSF2212/6-2C. Bid amount shall include the cost of all required modifications and any additional engineering design and review required. Any additional changes shall be made at no additional cost to Owner.

Deduct the following amount:

No Bid

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Ruby-Collins, Inc.
Smyrna, Georgia

For furnishing all materials and equipment and performing all labor necessary for constructing the Keg Creek Water Pollution Control Plant as shown on the Drawings and as specified for the following prices and approximate quantities shown.

Item 1. For furnishing all materials and equipment and performing all labor necessary for for constructing the Keg Creek WPCP including earth excavation, backfill, grading, roadways, substructures, yard piping, drains, electrical, mechanical (excluding the cost of Major Mechanical Equipment listed in Item No. 2), painting and all other work and appurtenances for completion of the work as shown on the Drawings and/or as specified, the lump sum of:

\$10,670,000.00

Item 2: For furnishing and installing Major Mechanical Equipment.

<i>Equipment and Manufacturer</i>	<i>Price</i>	<i>Base Price</i>
a. Mechanical Bar Screen - Section 10.13		\$115,000.00
Mfr. <u>Headworks</u>	\$95,350.00	
b. Grit Removal System - Section 10.14		\$183,000.00
Mfr. <u>Hydro International</u>	\$156,700.00	
c. Aeration Equipment - Section 10.15		\$677,000.00
Mfr. <u>Ovivo</u>	\$585,000.00	
d. Final Clarifiers - Section 10.16		\$320,000.00
Mfr. <u>Ovivo</u>	\$225,000.00	
e. Tertiary Filter System - Section 10.17		\$363,000.00
Mfr. <u>Aqua Aerobic</u>	\$300,000.00	
f. UV Disinfection System - Section 10.18		\$337,000.00
Mfr. <u>Trojan</u>	\$300,000.00	
g. Sludge Dewatering System - Section 10.19		\$416,000.00
Mfr. <u>BDP</u>	\$350,000.00	

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Ruby-Collins, Inc.
Smyrna, Georgia

<i>Equipment and Manufacturer</i>		<i>Price</i>	<i>Base Price</i>
h.	Rotary Screw Blower Package - Section 10.20		\$126,000.00
	Mfr. <u>Kaeser</u>	\$109,400.00	
i.	Post Air Blower - Section 10.21		\$19,000.00
	Mfr. <u>Kaeser</u>	\$13,300.00	
j.	Diffused Aeration System - Section 10.22		\$45,000.00
	Mfr. <u>Aquarius Technologies</u>	\$25,000.00	
k.	Submersible Pumps - Section 10.23		\$236,000.00
	Mfr. <u>Grundfos</u>	\$186,200.00	
l.	Vertical Turbine Pumps - Section 10.24		\$137,000.00
	Mfr. <u>Peerless</u>	\$110,000.00	
m.	Chemical Feed Equipment - Section 10.25		\$179,000.00
	Mfr. <u>Watson Marlow</u>	\$149,000.00	
n.	Back-Up Pump - Section 10.27		\$156,000.00
	Mfr. <u>Xylem - Godwin</u>	\$141,705.00	
o.	Instrumentation - Section 11		\$288,000.00
	Mfr. <u>MR Systems</u>	\$250,000.00	
p.	Variable Frequency Drives - Section 12.14		\$35,000.00
	Mfr. <u>Danfoss</u>	\$35,000.00	
Subtotal, Item 2a through 2p inclusive, the amount of:			\$3,632,000.00
Subtotal, Items 1 and 2 inclusive, the amount of:			\$14,302,000.00

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
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3. SOIL EROSION CONTROL DEVICES

a.	3,125	LF	Silt Fence (Type Sd-1c)	\$2.00	\$6,250.00
b.	4	EA	Check Dam (Cd-S)	\$410.00	\$1,640.00
c.	7.5	CY	Riprap (Rp)	\$65.00	\$487.50
d.	1	LS	Grassing of Disturbed Areas	\$18,650.00	\$18,650.00

4. STORMWATER MONITORING

a.	1	EA	Monitoring Site (establish, construct and operate all sites)	\$7,075.00	\$7,075.00
b.	2	EA	Sampling Events	\$1,000.00	\$2,000.00
5.	1	LS	LANDSCAPING ALLOWANCE	\$40,000.00	\$40,000.00
6.	1	LS	SPARE PARTS ALLOWANCE	\$10,000.00	\$10,000.00
7.	1	LS	LABORATORY EQUIPMENT ALLOWANCE	\$30,000.00	\$30,000.00
8.	1	LS	AERATION BASIN VELOCITY AND OXYGEN TESTING ALLOWANCE	\$40,000.00	\$40,000.00
9.	1	LS	SEED SLUDGE HAULING ALLOWANCE	\$5,000.00	\$5,000.00

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Ruby-Collins, Inc.
Smyrna, Georgia

Subtotal, Items 3 through 9 inclusive, the amount of:

\$161,102.50

EXTRA WORK, IF ORDERED BY ENGINEER

(To cover authorized changes in scope of lump sum work under Item No. 1)

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
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10. EXCAVATION AND BACKFILL

a.	100	CY	Hand, Dry	\$55.00	\$5,500.00
b.	100	CY	Hand, Wet and Dewatering	\$90.00	\$9,000.00
c.	100	CY	Machine, Dry	\$25.00	\$2,500.00
d.	100	CY	Machine, Wet and Dewatering	\$39.00	\$3,900.00
e.	250	SY	Geotextile Fabric	\$4.00	\$1,000.00
f.	400	CY	No. 57 Stone Stabilization (including undercutting and removal of unsuitable soils, backfilling with stone)	\$51.00	\$20,400.00

11. CONCRETE WORK

a.	10	CY	Class "A" Concrete	\$352.00	\$3,520.00
b.	10	CY	Class "B" Concrete	\$330.00	\$3,300.00
c.	10	CY	Class "C" Concrete	\$310.00	\$3,100.00
d.	500	LBS	Reinforcing Steel	\$1.00	\$500.00
e.	100	SF	Contact Forms	\$10.00	\$1,000.00

12. PLANT SEWER LINES

a.	50	LF	6" Ductile Iron Pipe	\$34.00	\$1,700.00
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CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Ruby-Collins, Inc.
Smyrna, Georgia

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
b.	50	LF	8" Ductile Iron Pipe	\$42.00	\$2,100.00
c.	50	LF	10" Ductile Iron Pipe	\$52.00	\$2,600.00
d.	50	LF	12" Ductile Iron Pipe	\$66.00	\$3,300.00

13. DUCTILE IRON PIPE, IN PLACE (FLANGED JOINT)

a.	10	LF	4" Ductile Iron Pipe	\$90.00	\$900.00
b.	10	LF	6" Ductile Iron Pipe	\$120.00	\$1,200.00
c.	10	LF	8" Ductile Iron Pipe	\$160.00	\$1,600.00
d.	10	LF	10" Ductile Iron Pipe	\$220.00	\$2,200.00
e.	10	LF	12" Ductile Iron Pipe	\$300.00	\$3,000.00

14. DUCTILE IRON PIPE, IN PLACE (PUSH ON TYPE)

a.	10	LF	4" Ductile Iron Pipe	\$34.00	\$340.00
b.	10	LF	6" Ductile Iron Pipe	\$34.00	\$340.00
c.	10	LF	8" Ductile Iron Pipe	\$42.00	\$420.00
d.	10	LF	10" Ductile Iron Pipe	\$52.00	\$520.00
e.	10	LF	12" Ductile Iron Pipe	\$66.00	\$660.00
f.	10	LF	16" Ductile Iron Pipe	\$110.00	\$1,100.00
g.	10	LF	18" Ductile Iron Pipe	\$125.00	\$1,250.00

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Ruby-Collins, Inc.
Smyrna, Georgia

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
h.	10	LF	24" Ductile Iron Pipe	\$200.00	\$2,000.00

15. DUCTILE IRON PIPE FITTINGS

a.	0.2	Tons	Bell and Spigot	\$10,000.00	\$2,000.00
b.	0.2	Tons	Mechanical Joint	\$15,000.00	\$3,000.00
c.	0.2	Tons	Flanges	\$15,000.00	\$3,000.00
16.	200	LF	6' CHAIN LINK FENCE WITH BARBED WIRE	\$25.00	\$5,000.00

Subtotal, Items 10 through 16 inclusive, the amount of: \$91,950.00

TOTAL AMOUNT BID, ITEMS 1 THROUGH 16, INCLUSIVE, THE AMOUNT OF:

\$14,555,052.50

ADDITIONS / DEDUCTIONS

Note: The Owner reserves the right to add any or all of the following additions/deduction of the work for the purpose of making contract award. Award of the contract may be with one or more of these items. Each bidder must fill in the unit price amount for each item below.

A-1 For furnishing all materials, equipment and performing all labor necessary for installing a the odor control system, electrical, piping, mechanical, (excluding major mechanical equipment listed in A-1a), painting and all other work, complete with appurtenances as shown on the Drawings or as specified herein, add the following amount:

\$85,000.00

A-1a Odor Control System - Section 10.25

Mfr. BioAir \$99,780.00

Total amount, Addition A-1 inclusive, the amount of: \$184,780.00

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

Ruby-Collins, Inc.
Smyrna, Georgia

- A-2** Provide a 1.7 meter sludge dewatering press in lieu of the 1.2 meter press as described in Section 10.19 of these Specifications, add the following amount:
- \$32,100.00
- A-3** To coat the interior of the raw sewage pump station per Section 14 of these Specifications, add the following amount:
- \$74,000.00
- A-4** To add brick feature to control building wall as shown on the Drawings, add the following amount:
- \$17,500.00
- D-1** To delete the brick entrance sign, delete the following amount:
- \$1,825.00
- D-2** To delete the Excell velocity enhancer as described in Section 10.15.G.5. of these Specifications, including the velocity enhancer concrete wall, delete the following amount:
- \$13,910.00
- D-3** Provide a 500 kw generator in lieu of the 750 kw generator, deduct the following amount:
- \$71,400.00
- D-4** To delete the density current baffle called for in Specificaton Section 10.16.K, deduct the following amount:
- \$27,000.00
- D-5** To construct the asphalt access road with 8" graded aggregate base in lieu of asphalt, deduct the following amount:
- \$31,000.00
- D-6** To delete the Plant SCADA system components as described in Section 11, including SCADA field wiring, conduit to remain, as shown on the control wiring diagram, deduct the following amount:
- \$115,000.00
- D-7** To replace the tertiary filters specified with the alternate Kruger Model HSF2212/6-2C. Bid amount shall include the cost of all required modifications and any additional engineering design and review required. Any additional changes shall be made at no additional cost to Owner.
- Deduct the following amount:
- \$10,700.00

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

M.B. Kahn Const. Company, Inc.
Columbia, South Carolina

For furnishing all materials and equipment and performing all labor necessary for constructing the Keg Creek Water Pollution Control Plant as shown on the Drawings and as specified for the following prices and approximate quantities shown.

Item 1. For furnishing all materials and equipment and performing all labor necessary for for constructing the Keg Creek WPCP including earth excavation, backfill, grading, roadways, substructures, yard piping, drains, electrical, mechanical (excluding the cost of Major Mechanical Equipment listed in Item No. 2), painting and all other work and appurtenances for completion of the work as shown on the Drawings and/or as specified, the lump sum of:

\$12,530,084.00

Item 2: For furnishing and installing Major Mechanical Equipment.

<i>Equipment and Manufacturer</i>	<i>Price</i>	<i>Base Price</i>
a. Mechanical Bar Screen - Section 10.13		\$102,050.00
Mfr. <u>Headworks</u>	\$102,050.00	
Mfr. <u>Huber</u>	\$135,200.00	
b. Grit Removal System - Section 10.14		\$167,500.00
Mfr. <u>Hydro International</u>	\$167,500.00	
c. Aeration Equipment - Section 10.15		\$608,600.00
Mfr. <u>Ovivo</u>	\$608,600.00	
d. Final Clarifiers - Section 10.16		\$266,800.00
Mfr. <u>Ovivo</u>	\$266,800.00	
e. Tertiary Filter System - Section 10.17		\$363,630.00
Mfr. <u>Aqua Aerobics</u>	\$363,630.00	
f. UV Disinfection System - Section 10.18		\$349,100.00
Mfr. <u>Trojan</u>	\$349,100.00	
g. Sludge Dewatering System - Section 10.19		\$379,675.00
Mfr. <u>BDP Industries</u>	\$379,675.00	
Mfr. <u>Charter Machine Company</u>	\$407,175.00	

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

M.B. Kahn Const. Company, Inc.
Columbia, South Carolina

<i>Equipment and Manufacturer</i>		<i>Price</i>	<i>Base Price</i>
h.	Rotary Screw Blower Package - Section 10.20		\$113,900.00
	Mfr. <u>Aerzen</u>	\$142,700.00	
	Mfr. <u>Kaeser</u>	\$113,900.00	
i.	Post Air Blower - Section 10.21		\$15,600.00
	Mfr. <u>Aerzen</u>	\$19,100.00	
	Mfr. <u>Kaeser</u>	\$15,600.00	
j.	Diffused Aeration System - Section 10.22		\$49,100.00
	Mfr. <u>WPE Aquarius</u>	\$49,100.00	
	Mfr. <u>WPE EDI</u>	\$49,800.00	
k.	Submersible Pumps - Section 10.23		\$204,700.00
	Mfr. <u>WPE Xylem (Flygt)</u>	\$367,010.00	
	Mfr. <u>WPE Grundfos</u>	\$204,700.00	
l.	Vertical Turbine Pumps - Section 10.24		\$120,220.00
	Mfr. <u>WPE Peerless</u>	\$120,220.00	
	Mfr. <u>WPE Sulzer</u>	\$124,220.00	
m.	Chemical Feed Equipment - Section 10.25		\$167,625.00
	Mfr. <u>WPE Watson - Marlow</u>	\$167,625.00	
	Mfr. <u>WPE Graco</u>	No Bid	
n.	Back-Up Pump - Section 10.27		\$145,255.00
	Mfr. <u>Xylem (Godwin)</u>	\$145,255.00	
	Mfr. <u>Global Pump</u>	No Bid	
o.	Instrumentation - Section 11		\$254,500.00
	Mfr. <u>JK Duren</u>	\$284,500.00	
	Mfr. <u>MR Systems</u>	\$254,500.00	
p.	Variable Frequency Drives - Section 12.14		\$35,000.00
	Mfr. <u>Danfoss</u>	\$35,000.00	
	Mfr. <u>Allen-Bradley</u>	\$35,000.00	
Subtotal, Item 2a through 2p inclusive, the amount of:			\$3,343,255.00
Subtotal, Items 1 and 2 inclusive, the amount of:			\$15,873,339.00

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
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3. SOIL EROSION CONTROL DEVICES

a.	3,125	LF	Silt Fence (Type Sd-1c)	\$5.00	\$15,625.00
b.	4	EA	Check Dam (Cd-S)	\$325.00	\$1,300.00
c.	7.5	CY	Riprap (Rp)	\$100.00	\$750.00
d.	1	LS	Grassing of Disturbed Areas	\$15,000.00	\$15,000.00

4. STORMWATER MONITORING

a.	1	EA	Monitoring Site (establish, construct and operate all sites)	\$7,425.00	\$7,425.00
b.	2	EA	Sampling Events	\$150.00	\$300.00
5.	1	LS	LANDSCAPING ALLOWANCE	\$40,000.00	\$40,000.00
6.	1	LS	SPARE PARTS ALLOWANCE	\$10,000.00	\$10,000.00
7.	1	LS	LABORATORY EQUIPMENT ALLOWANCE	\$30,000.00	\$30,000.00
8.	1	LS	AERATION BASIN VELOCITY AND OXYGEN TESTING ALLOWANCE	\$40,000.00	\$40,000.00
9.	1	LS	SEED SLUDGE HAULING ALLOWANCE	\$5,000.00	\$5,000.00

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

M.B. Kahn Const. Company, Inc.
Columbia, South Carolina

Subtotal, Items 3 through 9 inclusive, the amount of:

\$165,400.00

EXTRA WORK, IF ORDERED BY ENGINEER

(To cover authorized changes in scope of lump sum work under Item No. 1)

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
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10. EXCAVATION AND BACKFILL

a.	100	CY	Hand, Dry	\$140.00	\$14,000.00
b.	100	CY	Hand, Wet and Dewatering	\$155.00	\$15,500.00
c.	100	CY	Machine, Dry	\$75.00	\$7,500.00
d.	100	CY	Machine, Wet and Dewatering	\$90.00	\$9,000.00
e.	250	SY	Geotextile Fabric	\$5.00	\$1,250.00
f.	400	CY	No. 57 Stone Stabilization (including undercutting and removal of unsuitable soils, backfilling with stone)	\$125.00	\$50,000.00

11. CONCRETE WORK

a.	10	CY	Class "A" Concrete	\$375.00	\$3,750.00
b.	10	CY	Class "B" Concrete	\$260.00	\$2,600.00
c.	10	CY	Class "C" Concrete	\$230.00	\$2,300.00
d.	500	LBS	Reinforcing Steel	\$2.00	\$1,000.00
e.	100	SF	Contact Forms	\$35.00	\$3,500.00

12. PLANT SEWER LINES

a.	50	LF	6" Ductile Iron Pipe	\$160.00	\$8,000.00
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<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
b.	50	LF	8" Ductile Iron Pipe	\$195.00	\$9,750.00
c.	50	LF	10" Ductile Iron Pipe	\$205.00	\$10,250.00
d.	50	LF	12" Ductile Iron Pipe	\$245.00	\$12,250.00

13. DUCTILE IRON PIPE, IN PLACE (FLANGED JOINT)

a.	10	LF	4" Ductile Iron Pipe	\$190.00	\$1,900.00
b.	10	LF	6" Ductile Iron Pipe	\$205.00	\$2,050.00
c.	10	LF	8" Ductile Iron Pipe	\$260.00	\$2,600.00
d.	10	LF	10" Ductile Iron Pipe	\$330.00	\$3,300.00
e.	10	LF	12" Ductile Iron Pipe	\$365.00	\$3,650.00

14. DUCTILE IRON PIPE, IN PLACE (PUSH ON TYPE)

a.	10	LF	4" Ductile Iron Pipe	\$170.00	\$1,700.00
b.	10	LF	6" Ductile Iron Pipe	\$160.00	\$1,600.00
c.	10	LF	8" Ductile Iron Pipe	\$195.00	\$1,950.00
d.	10	LF	10" Ductile Iron Pipe	\$205.00	\$2,050.00
e.	10	LF	12" Ductile Iron Pipe	\$245.00	\$2,450.00
f.	10	LF	16" Ductile Iron Pipe	\$300.00	\$3,000.00
g.	10	LF	18" Ductile Iron Pipe	\$380.00	\$3,800.00

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
h.	10	LF	24" Ductile Iron Pipe	\$460.00	\$4,600.00

15. DUCTILE IRON PIPE FITTINGS

a.	0.2	Tons	Bell and Spigot	\$15,100.00	\$3,020.00
b.	0.2	Tons	Mechanical Joint	\$37,500.00	\$7,500.00
c.	0.2	Tons	Flanges	\$34,000.00	\$6,800.00
16.	200	LF	6' CHAIN LINK FENCE WITH BARBED WIRE	\$40.00	\$8,000.00

Subtotal, Items 10 through 16 inclusive, the amount of: \$210,620.00

TOTAL AMOUNT BID, ITEMS 1 THROUGH 16, INCLUSIVE, THE AMOUNT OF:

\$16,249,359.00

ADDITIONS / DEDUCTIONS

Note: The Owner reserves the right to add any or all of the following additions/deduction of the work for the purpose of making contract award. Award of the contract may be with one or more of these items. Each bidder must fill in the unit price amount for each item below.

A-1 For furnishing all materials, equipment and performing all labor necessary for installing a the odor control system, electrical, piping, mechanical, (excluding major mechanical equipment listed in A-1a), painting and all other work, complete with appurtenances as shown on the Drawings or as specified herein, add the following amount:

\$31,111.00

A-1a Odor Control System - Section 10.25

Mfr. BioAir \$114,000.00

Total amount, Addition A-1 inclusive, the amount of: \$145,111.00

CITY OF SENOIA, GEORGIA
KEG CREEK WATER POLLUTION CONTROL PLANT

M.B. Kahn Const. Company, Inc.
Columbia, South Carolina

- A-2** Provide a 1.7 meter sludge dewatering press in lieu of the 1.2 meter press as described in Section 10.19 of these Specifications, add the following amount:
- \$60,000.00
- A-3** To coat the interior of the raw sewage pump station per Section 14 of these Specifications, add the following amount:
- \$85,000.00
- A-4** To add brick feature to control building wall as shown on the Drawings, add the following amount:
- \$21,000.00
- D-1** To delete the brick entrance sign, delete the following amount:
- \$7,500.00
- D-2** To delete the Excell velocity enhancer as described in Section 10.15.G.5. of these Specifications, including the velocity enhancer concrete wall, delete the following amount:
- \$13,750.00
- D-3** Provide a 500 kw generator in lieu of the 750 kw generator, deduct the following amount:
- \$60,000.00
- D-4** To delete the density current baffle called for in Specificaton Section 10.16.K, deduct the following amount:
- \$20,000.00
- D-5** To construct the asphalt access road with 8" graded aggregate base in lieu of asphalt, deduct the following amount:
- \$18,500.00
- D-6** To delete the Plant SCADA system components as described in Section 11, including SCADA field wiring, conduit to remain, as shown on the control wiring diagram, deduct the following amount:
- \$143,390.00
- D-7** To replace the tertiary filters specified with the alternate Kruger Model HSF2212/6-2C. Bid amount shall include the cost of all required modifications and any additional engineering design and review required. Any additional changes shall be made at no additional cost to Owner.
- Deduct the following amount:
- \$40,000.00

RESOLUTION

WHEREAS bids were received by the City of Senoia, December 15, 2020, for the Keg Creek Water Pollution Control Plant, and

WHEREAS the low, responsible, responsive bidder is Haren Construction Company, Inc. of Etowah, Tennessee with a bid in the amount of \$12,752,000.00; and

WHEREAS the low bidder, Haren Construction Company, Inc. of Etowah, Tennessee submitted a bid in the amount of \$32,000.00 for Addition A-2, the total bid amount increased the low bid to \$12,784,000.00; and

WHEREAS the low bidder, Haren Construction Company, Inc., appears to have the necessary financial and technical ability to complete the project,

BE IT THEREFORE resolved the City of Senoia hereby makes tentative contract award of the construction contract to the low bidder, Haren Construction Company, Inc. of Etowah, Tennessee, in the amount of \$12,784,000.00 with Addition A-2.

Award of this contract is contingent upon the selected bidder meeting the requirements regarding DBE/MBE/WBE compliance and the City obtaining additional funding as requested of the Georgia Environmental Finance Authority.

THIS RESOLUTION was passed by a vote of ____ to ____ at a regular meeting of the Mayor and Council on _____.

CITY OF SENOIA

William Pearman, *Mayor*

Attest: _____
City Clerk

CITY OF SENOIA
KEG CREEK WATER POLLUTION CONTROL PLANT
PROJECT COST SUMMARY
PROJECT NO. 172121

I. CONSTRUCTION COSTS

Haren Construction Company, Inc.	\$12,784,000.00
Contingencies	\$679,200.00
Engineering	\$818,200.00
Project Inspection	\$460,600.00
Geotechnical Report and Testing	\$60,000.00
Topographic Survey	\$20,000.00
Reports - Antidegradation, EID, DDR	\$35,000.00
Operations and Maintenance Manual	\$25,000.00
Legal / Administrative	\$18,000.00
<i>Total Estimated Project Cost</i>	<u><u>\$14,900,000.00</u></u>

II. PROJECT FUNDING SUMMARY

GEFA Clean Water SRF Loan 18-001	\$13,600,000.00
<i>Additional Funds Needed</i>	<u><u>\$1,300,000.00</u></u>

Prepared by:
Turnipseed Engineers
Atlanta, Georgia
December 28, 2020

SAM Search Results
List of records matching your search for :

Search Term : Haren Construction Company, Inc.*
Record Status: Active

ENTITY	Haren Construction Company, Inc.	Status: Active
DUNS: 004840740	+4:	CAGE Code: 7HXQ9 DoDAAC:
Expiration Date: 04/24/2021	Has Active Exclusion?: No	Debt Subject to Offset?: No
Address: 1715 N Hwy 411		
City: Etowah	State/Province: TENNESSEE	
ZIP Code: 37331-5499	Country: UNITED STATES	