



ATLANTA  
AUGUSTA  
ST. SIMONS ISLAND

April 27, 2022

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  
Project No. 172121

We have checked the bids received March 31, 2022, on subject project. Below is a tabulation of the bids received by Division.

***Division One – Interceptor ‘A’ – Gravity Sewer Line***

<b><i>Contractor</i></b>	<b><i>Total Bid Amount</i></b>
1. LCS Associates, LLC Carrollton, Georgia	\$1,620,093.00
2. Gordy Construction Company Fortson, Georgia	\$1,799,054.00
3. Crawford Grading & Pipeline, Inc. Luthersville, Georgia	\$1,904,075.00
4. RDJE, Inc. Newnan, Georgia	\$2,499,117.00

***Division Two – Effluent Force Main and Water Line***

<b><i>Contractor</i></b>	<b><i>Total Bid Amount</i></b>
1. LCS & Associates, LLC Carrollton, Georgia	\$655,173.00
2. Crawford Grading & Pipeline, Inc. Luthersville, Georgia	\$787,334.00
3. RDJE, Inc. Newnan, Georgia	\$1,040,604.00

***Division Three – Force Main ‘A’***

<b><i>Contractor</i></b>	<b><i>Total Bid Amount</i></b>
1. LCS & Associates, LLC Carrollton, Georgia	\$280,973.00
2. Crawford Grading & Pipeline, Inc. Luthersville, Georgia	\$380,234.45
3. RDJE, Inc. Newnan, Georgia	\$606,077.00

***Division Four – Sewer Rehabilitation***

<b><i>Contractor</i></b>	<b><i>Total Bid Amount</i></b>
1. LCS & Associates, LLC Carrollton, Georgia	\$443,995.00
2. Crawford Grading & Pipeline, Inc. Luthersville, Georgia	\$576,896.00
3. RDJE, Inc. Newnan, Georgia	\$852,600.00

We have enclosed a certified copy of the bid tabulation for all bids received. As indicated the low bidder for Divisions One, Two, Three and Four is LCS & Associates, LLC of Carrollton, Georgia for all Divisions in the amount of \$3,000,234.00.

Since the Divisions One, Two, Three and Four low bidder appears to have adequate experience, technical ability and financial capability to complete the project, we recommend contract award be made to LCS & Associates, LLC of Carrollton, Georgia.

The low bidder included prices for certain alternate work items as shown on the bid tabulation. We recommend the City also award the contract with Division Two Alternate One (Ductile Iron Pipe).

We have also enclosed a sample resolution the City should consider adopting. The contract award should be made subject to the low bidder meeting the requirements regarding DBE/WBE/MBE compliance.

After approval of the contract award by the City, we will proceed with preparation of the contract documents for execution by both the Contractor and the City.

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

Yours truly,



J. Lamar Rogers, P.E.  
Turnipseed Engineers

JLR:sn  
Enclosures

**RESOLUTION**

WHEREAS bids were received by the City of Senoia, March 31, 2022, for Sewerage System Improvements, and

WHEREAS the low, responsible, responsive Division One bidder is LCS & Associates, LLC of Carrollton, Georgia, with a bid in the amount of \$1,620,093.00; and

WHEREAS the low, responsible, responsive Division Two bidder is LCS & Associates, LLC of Carrollton, Georgia, with a bid in the amount of \$678,048.00 with Alternate One; and

WHEREAS the low, responsible, responsive Division Three bidder is LCS & Associates, LLC of Carrollton, Georgia, with a bid in the amount of \$280,973.00; and

WHEREAS the low, responsible, responsive Division Four bidder is LCS & Associates, LLC of Carrollton, Georgia, with a bid in the amount of \$443,995.00,

WHEREAS the Division One, Division Two, Division Three and Division Four low bidder, LCS & Associates, LLC, appears to have the necessary financial and technical ability to complete the project,

BE IT THEREFORE resolved the Mayor and Council hereby makes tentative contract award of the construction contract for Division One to LCS & Associates, LLC of Carrollton, Georgia in the amount of \$1,620,093.00, for Division Two to LCS & Associates, LLC in the amount of \$678,048.00 with Alternate One, for Division Three to LCS & Associates, LLC in the amount of \$280,973.00 and for Division Four to LCS & Associates, LLC in the amount of \$443,995.00. Award of this contract is contingent upon the selected bidder meeting the requirements regarding DBE/MBE/WBE compliance.

THIS RESOLUTION was passed by a vote of \_\_\_\_ to \_\_\_\_ at a meeting of the Mayor and Council on \_\_\_\_\_.

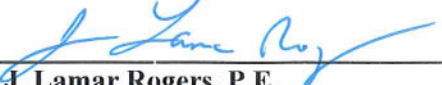
**CITY OF SENOIA, GEORGIA**

\_\_\_\_\_  
William Pearman, Mayor

Attest: \_\_\_\_\_  
City Clerk

**CITY OF SENOIA, GEORGIA  
SEWERAGE SYSTEM IMPROVEMENTS  
PROJECT NO. 172121  
CERTIFIED BID TABULATION  
BIDS RECEIVED MARCH 31, 2022**

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

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

For furnishing all materials and equipment and performing all labor necessary for constructing the Sewerage System Improvements as shown on the Drawings and as specified for the following prices and approximate quantities shown.

**CITY OF SENOIA, GEORGIA** **LCS & Associates, LLC**  
**DIV. ONE INTERCEPTOR 'A' - GRAVITY SEWER LINE** **Carrollton, Georgia**

<i>Item</i>						
<i>No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>		<i>Unit Price</i>	<i>Total Price</i>
1.			24" PVC SDR 26 GRAVITY SEWER			
a.	937	LF	0' - 6' cut or in casing		\$255.00	\$238,935.00
b.	1,449	LF	6' - 8' cut		\$255.00	\$369,495.00
c.	924	LF	8' - 10' cut		\$265.00	\$244,860.00
d.	686	LF	10' - 12' cut		\$270.00	\$185,220.00
e.	20	LF	12' - 14' cut		\$275.00	\$5,500.00
2.			24" DUCTILE IRON GRAVITY SEWER			
a.	83	LF	0' - 6' cut or in casing		\$380.00	\$31,540.00
b.	30	LF	8' - 10' cut		\$380.00	\$11,400.00
c.	45	LF	10' - 12' cut		\$385.00	\$17,325.00
d.	14	LF	12' - 14' cut		\$390.00	\$5,460.00
3.			MANHOLE FRAME AND COVER			
a.	18	EA	370# Standard		\$1,000.00	\$18,000.00
4.	143	VF	4'-0" DIAMETER PRECAST CONCRETE MANHOLE RISER AND CONE SECTIONS		\$490.00	\$70,070.00
5.	5	EA	6'-0" DIAMETER, 4'-0" HIGH PRECAST CONCRETE MANHOLE BASE SECTION WITH ECCENTRIC ADAPTER RING		\$6,500.00	\$32,500.00
6.	13	EA	5'-0" DIAMETER, 4'-0" HIGH PRECAST CONCRETE MANHOLE BASE SECTION WITH ECCENTRIC ADAPTER RING		\$5,500.00	\$71,500.00
7.	1	EA	CONSTRUCT DOGHOUSE MANHOLE OVER EXISTING SEWER LINE (IN ADDITION TO PAY ITEMS 4 THROUGH 6)		\$5,000.00	\$5,000.00
8.			LINE PROPOSED MANHOLE			
a.	4	EA	Top Coat with 100 mils of 100% Solids Epoxy per Specifications Section 4.05 per manhole Including Bench, Rise and Cone (0' to 5' deep)		\$1,500.00	\$6,000.00
b.	30	VF	Additional Depth for Manholes Deeper than 5' (In addition to Item 8.a.)		\$300.00	\$9,000.00

## CITY OF SENOIA, GEORGIA

LCS &amp; Associates, LLC

## DIV. ONE INTERCEPTOR 'A' - GRAVITY SEWER LINE

Carrollton, Georgia

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
9.	1	LS	ABANDON EXISTING PUMP STATION	\$25,000.00	\$25,000.00
10.	172	LF	POLYETHYLENE ENCASEMENT FOR DUCTILE IRON PIPE	\$4.00	\$688.00
11.			HIGHWAY CROSSING		
a.	80	LF	32" Steel Casing (0.375" w.t.) Install by Jack and Bore	\$880.00	\$70,400.00
12.			RAILROAD CROSSING		
a.	140	LF	32" Steel Casing (0.375" w.t.) Install by Jack and Bore	\$880.00	\$123,200.00
13.			REMOVE AND REPLACE		
a.	20	LF	Asphalt	\$120.00	\$2,400.00
b.	20	LF	Concrete	\$175.00	\$3,500.00
c.	20	LF	Gravel	\$20.00	\$400.00
14.			EROSION, SEDIMENTATION AND POLLUTION CONTROL		
a.	4,200	LF	Grassing of Disturbed Areas	\$2.00	\$8,400.00
b.	100	LF	Sod	\$25.00	\$2,500.00
c.	350	LF	Matting, Ss	\$4.00	\$1,400.00
d.	4,000	LF	Silt Fence, Type "S"	\$4.00	\$16,000.00
e.	200	SY	Rip-Rap, RP	\$70.00	\$14,000.00
f.	10	EA	Stone Check Dam, Cd-S	\$300.00	\$3,000.00
g.	10	EA	Haybale Check Dam, Cd-Hb	\$100.00	\$1,000.00
15.			STORMWATER MONITORING		
a.	1	LS	Monitoring Site (Establishing, constructing and operating all sites, prepare and submitting Notice of Intent and Notice of Termination and all land disturbing fees per Section 3.16)	\$5,000.00	\$5,000.00
b.	12	EA	Sampling Events	\$200.00	\$2,400.00
16.	200	CY	ROCK EXCAVATION	\$60.00	\$12,000.00
17.	100	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS	\$70.00	\$7,000.00
<b>Total Amount Bid, Division One-Interceptor 'A' - Gravity Sewer Line, Items 1 through 17 Inclusive, the amount of:</b>					<b>\$1,620,093.00</b>

**ALTERNATE**

The Owner reserves the right to add the following alternate bid items to the work for the purpose of making contract award. Award of the contract may be with or without these items. Each bidder must fill in the unit price amount for each item below.

Alternate One For furnishing and installing 24-inch PVC SDR 35 Gravity Sewer in lieu of 24-inch PVC SDR 26 Gravity Sewer, add/deduct (circle one), the following amount per linear foot:

a. 24-inch PVC SDR 35 Gravity Sewer **Deduct**           \$35.00

**CITY OF SENOIA, GEORGIA**  
**DIVISION TWO - EFFLUENT FORCE MAIN**

**LCS & Associates, LLC**  
**Carrollton, Georgia**

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
1.			16" PVC FORCE MAIN C900		
a.	2,018	LF	0' - 6' cut or in casing	\$160.00	\$322,880.00
b.	250	LF	6' - 8' cut	\$170.00	\$42,500.00
2.	0.60	TON	MECHANICAL JOINT FITTINGS	\$16,000.00	\$9,600.00
3.	4.0	CY	CONCRETE BLOCKING	\$250.00	\$1,000.00
4.	1	LS	16" OUTLET STRUCTURE INCLUDING INSTALLATION OF CONCRETE HEADWALL, 16" FLAP VALVE	\$6,300.00	\$6,300.00
5.	1	EA	AIR AND VACUUM RELEASE VALVE AND MANHOLE	\$7,500.00	\$7,500.00
6.			REMOVE AND REPLACE		
a.	20	LF	ASPHALT	\$120.00	\$2,400.00
7.			EROSION, SEDIMENTATION AND POLLUTION CONTROL		
a.	2,248	LF	Grassing of Disturbed Areas	\$1.00	\$2,248.00
b.	1,120	LF	Matting, Ss	\$4.00	\$4,480.00
c.	100	LF	Silt Fence, Type "S"	\$4.00	\$400.00
d.	20	SY	Rip-Rap, RP	\$70.00	\$1,400.00
e.	10	EA	Stone Check Dam, Cd-S	\$300.00	\$3,000.00
f.	10	EA	Haybale Check Dam, Cd-Hb	\$100.00	\$1,000.00
8.	200	CY	ROCK EXCAVATION	\$60.00	\$12,000.00
9.	100	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS	\$70.00	\$7,000.00
Subtotal Amount Bid Division Two - Effluent Force Main, Items 1 through 9 inclusive, the amount of:					\$423,708.00

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
10.			PVC WATER LINE CLASS 235 DR18		
a.	1,525	LF	8"	\$65.00	\$99,125.00
11.			DUCTILE IRON RESTRAINED JOINT WATER LINE		
a.	320	LF	8"	\$88.00	\$28,160.00
12.	1.00	TON	MECHANICAL JOINT FITTINGS	\$16,000.00	\$16,000.00
13.	20.00	CY	CONCRETE BLOCKING	\$250.00	\$5,000.00
14.			RESILIENT SEATED GATE VALVES		
a.	1	EA	8" G.V. AND V.B.	\$2,000.00	\$2,000.00



**CITY OF SENOIA, GEORGIA**  
**DIVISION TWO - WATER LINE**

**LCS & Associates, LLC**  
**Carrollton, Georgia**

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
15.			FIRE HYDRANT (3-WAY)		
a.	2	EA	Fire Hydrant, Including Fittings Hydrant Tee, Locked Hydrant Adaptor and Crushed Stone	\$4,500.00	\$9,000.00
b.	10	LF	6" D.I. Hydrant Lead, Including Threaded Rods	\$50.00	\$500.00
c.	2	EA	6" G.V. AND V.B.	\$1,500.00	\$3,000.00
16.	320	LF	POLYETHYLENE ENCASEMENT FOR DUCTILE IRON PIPE	\$4.00	\$1,280.00
17.			CONNECT TO EXISTING WATER MAIN		
a.	1	EA	8" Pipe	\$2,000.00	\$2,000.00
b.	1	EA	2" Pipe	\$1,200.00	\$1,200.00
18.			ROADWAY CROSSING		
a.	80	LF	16" Steel Casing (0.312" w.t.) Install by Jack and Bore	\$440.00	\$35,200.00
b.	1	EA	8" Free Bore, >50' In Addition To Pipe	\$1,500.00	\$1,500.00
c.	10	EA	8" Bell Restrainers for PVC	\$200.00	\$2,000.00
19.			EROSION, SEDIMENTATION AND POLLUTION CONTROL		
a.	600	LF	Grassing of Disturbed Areas	\$1.00	\$600.00
b.	450	LF	Sod	\$25.00	\$11,250.00
c.	650	LF	Matting, Ss	\$4.00	\$2,600.00
d.	200	LF	Silt Fence, Type "S"	\$4.00	\$800.00
e.	45	SY	Rip-Rap, RP	\$70.00	\$3,150.00
f.	5	EA	Stone Check Dam, Cd-S	\$300.00	\$1,500.00
g.	5	EA	Haybale Check Dam, Cd-Hb	\$100.00	\$500.00
20.	50	CY	ROCK EXCAVATION	\$60.00	\$3,000.00
21.	30	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS	\$70.00	\$2,100.00

Subtotal Amount Bid Division Two - Water Line, Items 10 through 21 inclusive, the amount of: \$231,465.00

**Total Amount Bid, Division Two, Items 1 through 21 Inclusive, the amount of:** \$655,173.00

**ALTERNATE**

Alternate One For furnishing and installing Ductile Iron Pipe in lieu of PVC Class 235 (DR18) AWWA C900, add/deduct (circle one), the following amount per linear foot:

a. 8" **Add** \$15.00

**CITY OF SENOIA, GEORGIA**  
**DIVISION THREE - FORCE MAIN 'A'**

**LCS & Associates, LLC**  
**Carrollton, Georgia**

<i>Item</i>				<i>Unit Price</i>	<i>Total Price</i>
<i>No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>		
1.			10" PVC FORCE MAIN C900		
a.	2,466	LF	0' - 6' cut or in casing	\$68.00	\$167,688.00
b.	20	LF	6' - 8' cut	\$83.00	\$1,660.00
2.	0.45	TON	MECHANICAL JOINT FITTINGS	\$16,000.00	\$7,200.00
3.	2	CY	CONCRETE BLOCKING	\$250.00	\$500.00
4.	4	EA	AIR AND VACUUM RELEASE VALVE AND MANHOLE	\$5,500.00	\$22,000.00
5.	1	EA	CONNECT TO EXISTING MANHOLE	\$2,500.00	\$2,500.00
6.	1	EA	ABANDON EXISTING FORCE MAIN	\$4,000.00	\$4,000.00
7.			CONNECT TO EXISTING FORCE MAIN		
a.	1	EA	10" Pipe by Wet Tap, Including 10" x 10" Tapping Sleeve and Valve	\$10,000.00	\$10,000.00
b.	1	EA	10" Insert Valve	\$22,000.00	\$22,000.00
8.			FREE BORE, <50' IN ADDITION TO PIPE		
a.	5	EA	10"	\$1,000.00	\$5,000.00
9.			REMOVE AND REPLACE		
a.	25	LF	Asphalt	\$120.00	\$3,000.00
b.	15	LF	Concrete	\$175.00	\$2,625.00
c.	100	LF	Gravel	\$20.00	\$2,000.00
10.	2,000	LF	CLEARING AND GRUBBING	\$10.00	\$20,000.00
11.			EROSION, SEDIMENTATION AND POLLUTION CONTROL		
a.	2,400	LF	Grassing of Disturbed Areas	\$1.00	\$2,400.00
b.	100	LF	Matting, Ss	\$4.00	\$400.00
c.	200	LF	Silt Fence, Type "S"	\$4.00	\$800.00
d.	20	SY	Rip-Rap, RP	\$70.00	\$1,400.00
e.	5	EA	Stone Check Dam, Cd-S	\$300.00	\$1,500.00
f.	5	EA	Haybale Check Dam, Cd-Hb	\$100.00	\$500.00
12.	40	CY	ROCK EXCAVATION	\$60.00	\$2,400.00
13.	20	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS	\$70.00	\$1,400.00

**Total Amount Bid Division Three, Items 1 through 13 inclusive, the amount of: \$280,973.00**

**CITY OF SENOIA, GEORGIA**  
**DIVISION FOUR - SEWER REHABILITATION**

**LCS & Associates, LLC**  
**Carrollton, Georgia**

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
1.			INSTALL 16" DUCTILE IRON GRAVITY SEWER		
a.	39	LF	0' - 6' cut or in casing	\$205.00	\$7,995.00
b.	26	LF	6' - 8' cut	\$210.00	\$5,460.00
c.	27	LF	8' - 10' cut	\$220.00	\$5,940.00
d.	46	LF	10' - 12' cut	\$230.00	\$10,580.00
2.			INSTALL 12" PVC GRAVITY SEWER		
a.	130	LF	0' - 6' cut or in casing	\$90.00	\$11,700.00
b.	68	LF	6' - 8' cut	\$95.00	\$6,460.00
c.	17	LF	8' - 10' cut	\$100.00	\$1,700.00
d.	13	LF	10' - 12' cut	\$110.00	\$1,430.00
3.			INSTALL 8" PVC GRAVITY SEWER		
a.	20	LF	0' - 8' cut	\$75.00	\$1,500.00
4.			REMOVE AND REPLACE WITH 12" PVC GRAVITY SEWER		
a.	356	LF	6' - 8' cut	\$135.00	\$48,060.00
b.	160	LF	8' - 10' cut	\$140.00	\$22,400.00
c.	106	LF	10' - 12' cut	\$145.00	\$15,370.00
5.			MANHOLE FRAME AND COVER		
a.	7	EA	370# Standard	\$1,000.00	\$7,000.00
6.			4'-0" DIAM. PRECAST CONCRETE MANHOLE		
a.	82	VF	Base, Riser and Cone	\$450.00	\$36,900.00
7.			REHABILITATE EXISTING MANHOLE		
a.	2	EA	Reconstruct Manhole Invert and Bench	\$800.00	\$1,600.00
b.	4	EA	Remove and Replace Existing Existing Manhole, Including Bypass Pumping and Pipe Connections - In addition to pay items 5 and 6	\$2,500.00	\$10,000.00
8.			LINE PROPOSED MANHOLE		
a.	2	EA	Top Coat with 100 mils of 100% Solids Epoxy per Specifications Section 4.05 per manhole Including Bench, Riser and Cone (0' to 5' deep)"	\$1,500.00	\$3,000.00
b.	14	VF	Additional Depth for Manholes Deeper than 5', In Addition to Item 8.a	\$300.00	\$4,200.00
9.	5	EA	ABANDON EXISTING MANHOLE	\$1,200.00	\$6,000.00
10.	3	EA	ABANDON EXISTING GRAVITY SEWER LINE BY FILLING THE FIRST 6' WITH FLOWABLE FILL FROM INSIDE MANHOLE	\$1,200.00	\$3,600.00

**CITY OF SENOIA, GEORGIA**  
**DIVISION FOUR - SEWER REHABILITATION**

**LCS & Associates, LLC**  
**Carrollton, Georgia**

<i>Item</i>						
<i>No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>		<i>Unit Price</i>	<i>Total Price</i>
11.	8	CY	CLEAN AND REMOVE ALL DEBRIS, GRIT, GREASE, ETC. FROM EXISTING WET WELL		\$400.00	\$3,200.00
12.			CONNECT TO EXISTING			
a.	1	EA	Connect to Existing Manhole		\$2,000.00	\$2,000.00
b.	1	EA	Connect to Existing Wetwell		\$3,500.00	\$3,500.00
c.	1	EA	Construct Doghouse Manhole Over Existing Sewer, In Addition to Pay Items 5 and 6		\$4,000.00	\$4,000.00
13.			RAILROAD CROSSING			
a.	130	LF	32" Steel Casing (0.312" w.t.) Install by Jack and Bore		\$580.00	\$75,400.00
b.	2	CY	Abandon Existing Sewer Line Under Railroad with Flowable Fill Material		\$1,500.00	\$3,000.00
14.			EXISTING SERVICE CONNECTIONS			
a.	50	LF	Remove and Replace 6" PVC Pipe		\$50.00	\$2,500.00
b.	3	EA	12" x 6" Wye or Tee Including Concrete Enclosure		\$600.00	\$1,800.00
c.	9	EA	6" - 30° or 45° Bend Including Concrete Enclosure		\$300.00	\$2,700.00
d.	3	EA	Locate and Connect to Existing Service Line, Including fitting and Fernco Coupling		\$800.00	\$2,400.00
15.			REMOVE AND REPLACE PAVEMENT			
a.	770	LF	Asphalt Roadway		\$120.00	\$92,400.00
b.	20	LF	Gravel		\$20.00	\$400.00
16.			EROSION, SEDIMENTATION AND POLLUTION CONTROL			
a.	900	LF	Grassing of Disturbed Areas		\$1.00	\$900.00
b.	100	LF	Matting, Ss		\$4.00	\$400.00
c.	300	LF	Silt Fence, Type "S"		\$4.00	\$1,200.00
d.	10	SY	Rip-Rap, RP		\$70.00	\$700.00
e.	5	EA	Stone Check Dam, Cd-S		\$300.00	\$1,500.00
f.	5	EA	Haybale Check Dam, Cd-Hb		\$100.00	\$500.00
17.	40	CY	ROCK EXCAVATION		\$60.00	\$2,400.00
18.	40	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS		\$70.00	\$2,800.00
19.	100	CY	SELECT BACKFILL INCLUDING HAULING AND PLACEMENT		\$70.00	\$7,000.00

**CITY OF SENOIA, GEORGIA**  
**DIVISION FOUR - SEWER REHABILITATION**

**LCS & Associates, LLC**  
**Carrollton, Georgia**

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
20.			STORMWATER MONITORING		
a.	1	LS	Monitoring Site (Establishing, constructing and operating all sites, prepare and submitting Notice of Intent and Notice of Termination and all land disturbing fees per Section 3.16)	\$3,000.00	\$3,000.00
b.	12	EA	Sampling Events	\$200.00	\$2,400.00
21.			CONCRETE		
a.	20	CY	Class 'A'	\$200.00	\$4,000.00
b.	20	CY	Class 'B'	\$200.00	\$4,000.00
22.			REMOVE AND REPLACE WITH 12" DUCTILE IRON GRAVITY SEWER		
a.	40	LF	6' to 8' Cut	\$225.00	\$9,000.00
<b>Total Amount Bid, Division Four, Items 1 through 22 Inclusive, the amount of:</b>					<b>\$443,995.00</b>

**ALTERNATE**

Alternate Two	For furnishing and installing 12-inch PVC SDR 35 Gravity Sewer in lieu of 12-inch PVC SDR 26 Gravity Sewer, add/deduct (circle one), the following amount per linear foot:			
a.	12-inch PVC SDR 35 Gravity Sewer	<b>Deduct</b>	<u>          </u>	<b>\$9.00</b>
Alternate Three	For furnishing and installing 8-inch PVC SDR 35 Gravity Sewer in lieu of 8-inch PVC SDR 26 Gravity Sewer, add/deduct (circle one), the following amount per linear foot:			
a.	8-inch PVC SDR 35 Gravity Sewer	<b>Deduct</b>	<u>          </u>	<b>\$4.00</b>

**CITY OF SENOIA, GEORGIA**  
**DIV. ONE INTERCEPTOR 'A' - GRAVITY SEWER LINE**

**Gordy Construction Company**  
**Fortson, Georgia**

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
1.			24" PVC SDR 26 GRAVITY SEWER		
a.	937	LF	0' - 6' cut or in casing	\$282.00	\$264,234.00
b.	1,449	LF	6' - 8' cut	\$284.00	\$411,516.00
c.	924	LF	8' - 10' cut	\$286.00	\$264,264.00
d.	686	LF	10' - 12' cut	\$288.00	\$197,568.00
e.	20	LF	12' - 14' cut	\$290.00	\$5,800.00
2.			24" DUCTILE IRON GRAVITY SEWER		
a.	83	LF	0' - 6' cut or in casing	\$572.00	\$47,476.00
b.	30	LF	8' - 10' cut	\$574.00	\$17,220.00
c.	45	LF	10' - 12' cut	\$576.00	\$25,920.00
d.	14	LF	12' - 14' cut	\$578.00	\$8,092.00
3.			MANHOLE FRAME AND COVER		
a.	18	EA	370# Standard	\$900.00	\$16,200.00
4.	143	VF	4'-0" DIAMETER PRECAST CONCRETE MANHOLE RISER AND CONE SECTIONS	\$270.00	\$38,610.00
5.	5	EA	6'-0" DIAMETER, 4'-0" HIGH PRECAST CONCRETE MANHOLE BASE SECTION WITH ECCENTRIC ADAPTER RING	\$7,000.00	\$35,000.00
6.	13	EA	5'-0" DIAMETER, 4'-0" HIGH PRECAST CONCRETE MANHOLE BASE SECTION WITH ECCENTRIC ADAPTER RING	\$4,500.00	\$58,500.00
7.	1	EA	CONSTRUCT DOGHOUSE MANHOLE OVER EXISTING SEWER LINE (IN ADDITION TO PAY ITEMS 4 THROUGH 6)	\$9,000.00	\$9,000.00
8.			LINE PROPOSED MANHOLE		
a.	4	EA	Top Coat with 100 mils of 100% Solids Epoxy per Specifications Section 4.05 per manhole Including Bench, Riser and Cone (0' to 5' deep)"	\$2,800.00	\$11,200.00
b.	30	VF	Additional Depth for Manholes Deeper than 5' (In addition to Item 8.a.)	\$550.00	\$16,500.00
9.	1	LS	ABANDON EXISTING PUMP STATION	\$39,000.00	\$39,000.00
10.	172	LF	POLYETHYLENE ENCASEMENT FOR DUCTILE IRON PIPE	\$7.00	\$1,204.00
11.			HIGHWAY CROSSING		
a.	80	LF	32" Steel Casing (0.375" w.t.) Install by Jack and Bore	\$990.00	\$79,200.00
12.			RAILROAD CROSSING		
a.	140	LF	32" Steel Casing (0.375" w.t.) Install by Jack and Bore	\$990.00	\$138,600.00

**CITY OF SENOIA, GEORGIA**

**Gordy Construction Company**

**DIV. ONE INTERCEPTOR 'A' - GRAVITY SEWER LINE**

**Fortson, Georgia**

<i>Item</i>					
<i>No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
13.			REMOVE AND REPLACE		
a.	20	LF	Asphalt	\$200.00	\$4,000.00
b.	20	LF	Concrete	\$200.00	\$4,000.00
c.	20	LF	Gravel	\$75.00	\$1,500.00
14.			EROSION, SEDIMENTATION AND POLLUTION CONTROL		
a.	4,200	LF	Grassing of Disturbed Areas	\$2.00	\$8,400.00
b.	100	LF	Sod	\$40.00	\$4,000.00
c.	350	LF	Matting, Ss	\$25.00	\$8,750.00
d.	4,000	LF	Silt Fence, Type "S"	\$5.00	\$20,000.00
e.	200	SY	Rip-Rap, RP	\$100.00	\$20,000.00
f.	10	EA	Stone Check Dam, Cd-S	\$500.00	\$5,000.00
g.	10	EA	Haybale Check Dam, Cd-Hb	\$500.00	\$5,000.00
15.			STORMWATER MONITORING		
a.	1	LS	Monitoring Site (Establishing, constructing and operating all sites, prepare and submitting Notice of Intent and Notice of Termination and all land disturbing fees per Section 3.16)	\$1,000.00	\$1,000.00
b.	12	EA	Sampling Events	\$650.00	\$7,800.00
16.	200	CY	ROCK EXCAVATION	\$60.00	\$12,000.00
17.	100	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS	\$125.00	\$12,500.00

**Total Amount Bid, Division One-Interceptor 'A' - Gravity Sewer Line, Items 1 through 17 Inclusive, the amount of:** \$1,799,054.00

**ALTERNATE**

The Owner reserves the right to add the following alternate bid items to the work for the purpose of making contract award. Award of the contract may be with or without these items. Each bidder must fill in the unit price amount for each item below.

Alternate One For furnishing and installing 24-inch PVC SDR 35 Gravity Sewer in lieu of 24-inch PVC SDR 26 Gravity Sewer, add/deduct (circle one), the following amount per linear foot:

a. 24-inch PVC SDR 35 Gravity Sewer **Deduct** \$30.00

**CITY OF SENOIA, GEORGIA**  
**DIV. ONE INTERCEPTOR 'A' - GRAVITY SEWER LINE**

**Crawford Grading & Pipeline, Inc.**  
**Luthersville, Georgia**

<i>Item</i>					<i>Unit Price</i>	<i>Total Price</i>
<i>No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>			
1.			24" PVC SDR 26 GRAVITY SEWER			
a.	937	LF	0' - 6' cut or in casing		\$259.00	\$242,683.00
b.	1,449	LF	6' - 8' cut		\$269.00	\$389,781.00
c.	924	LF	8' - 10' cut		\$275.00	\$254,100.00
d.	686	LF	10' - 12' cut		\$285.00	\$195,510.00
e.	20	LF	12' - 14' cut		\$277.00	\$5,540.00
2.			24" DUCTILE IRON GRAVITY SEWER			
a.	83	LF	0' - 6' cut or in casing		\$462.00	\$38,346.00
b.	30	LF	8' - 10' cut		\$593.00	\$17,790.00
c.	45	LF	10' - 12' cut		\$533.00	\$23,985.00
d.	14	LF	12' - 14' cut		\$828.00	\$11,592.00
3.			MANHOLE FRAME AND COVER			
a.	18	EA	370# Standard		\$920.00	\$16,560.00
4.	143	VF	4'-0" DIAMETER PRECAST CONCRETE MANHOLE RISER AND CONE SECTIONS		\$212.00	\$30,316.00
5.	5	EA	6'-0" DIAMETER, 4'-0" HIGH PRECAST CONCRETE MANHOLE BASE SECTION WITH ECCENTRIC ADAPTER RING		\$10,105.00	\$50,525.00
6.	13	EA	5'-0" DIAMETER, 4'-0" HIGH PRECAST CONCRETE MANHOLE BASE SECTION WITH ECCENTRIC ADAPTER RING		\$8,222.00	\$106,886.00
7.	1	EA	CONSTRUCT DOGHOUSE MANHOLE OVER EXISTING SEWER LINE (IN ADDITION TO PAY ITEMS 4 THROUGH 6)		\$13,963.00	\$13,963.00
8.			LINE PROPOSED MANHOLE			
a.	4	EA	Top Coat with 100 mils of 100% Solids Epoxy per Specifications Section 4.05 per manhole Including Bench, Riser and Cone (0' to 5' deep)"		\$3,003.00	\$12,012.00
b.	30	VF	Additional Depth for Manholes Deeper than 5' (In addition to Item 8.a.)		\$600.00	\$18,000.00
9.	1	LS	ABANDON EXISTING PUMP STATION		\$45,000.00	\$45,000.00
10.	172	LF	POLYETHYLENE ENCASEMENT FOR DUCTILE IRON PIPE		\$13.00	\$2,236.00
11.			HIGHWAY CROSSING			
a.	80	LF	32" Steel Casing (0.375" w.t.) Install by Jack and Bore		\$1,404.00	\$112,320.00
12.			RAILROAD CROSSING			
a.	140	LF	32" Steel Casing (0.375" w.t.) Install by Jack and Bore		\$1,452.00	\$203,280.00



**CITY OF SENOIA, GEORGIA**  
**DIV. ONE INTERCEPTOR 'A' - GRAVITY SEWER LINE**

**Crawford Grading & Pipeline, Inc.**  
**Luthersville, Georgia**

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
13.			REMOVE AND REPLACE		
a.	20	LF	Asphalt	\$410.00	\$8,200.00
b.	20	LF	Concrete	\$140.00	\$2,800.00
c.	20	LF	Gravel	\$20.00	\$400.00
14.			EROSION, SEDIMENTATION AND POLLUTION CONTROL		
a.	4,200	LF	Grassing of Disturbed Areas	\$3.00	\$12,600.00
b.	100	LF	Sod	\$40.00	\$4,000.00
c.	350	LF	Matting, Ss	\$11.00	\$3,850.00
d.	4,000	LF	Silt Fence, Type "S"	\$7.00	\$28,000.00
e.	200	SY	Rip-Rap, RP	\$45.00	\$9,000.00
f.	10	EA	Stone Check Dam, Cd-S	\$750.00	\$7,500.00
g.	10	EA	Haybale Check Dam, Cd-Hb	\$210.00	\$2,100.00
15.			STORMWATER MONITORING		
a.	1	LS	Monitoring Site (Establishing, constructing and operating all sites, prepare and submitting Notice of Intent and Notice of Termination and all land disturbing fees per Section 3.16)	\$10,000.00	\$10,000.00
b.	12	EA	Sampling Events	\$225.00	\$2,700.00
16.	200	CY	ROCK EXCAVATION	\$60.00	\$12,000.00
17.	100	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS	\$105.00	\$10,500.00

**Total Amount Bid, Division One-Interceptor 'A' - Gravity Sewer Line, Items 1 through 17 Inclusive, the amount of:** \$1,904,075.00

**ALTERNATE**

The Owner reserves the right to add the following alternate bid items to the work for the purpose of making contract award. Award of the contract may be with or without these items. Each bidder must fill in the unit price amount for each item below.

Alternate One For furnishing and installing 24-inch PVC SDR 35 Gravity Sewer in lieu of 24-inch PVC SDR 26 Gravity Sewer, add/deduct (circle one), the following amount per linear foot:

a.	24-inch PVC SDR 35 Gravity Sewer	<b>Deduct</b>	<u>\$40.00</u>
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**CITY OF SENOIA, GEORGIA**  
**DIVISION TWO - EFFLUENT FORCE MAIN**

**Crawford Grading & Pipeline, Inc.**  
**Luthersville, Georgia**

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
1.			16" PVC FORCE MAIN C900		
a.	2,018	LF	0' - 6' cut or in casing	\$167.00	\$337,006.00
b.	250	LF	6' - 8' cut	\$169.00	\$42,250.00
2.	0.60	TON	MECHANICAL JOINT FITTINGS	\$51,625.00	\$30,975.00
3.	4.0	CY	CONCRETE BLOCKING	\$400.00	\$1,600.00
4.	1	LS	16" OUTLET STRUCTURE INCLUDING INSTALLATION OF CONCRETE HEADWALL, 16" FLAP VALVE	\$30,000.00	\$30,000.00
5.	1	EA	AIR AND VACUUM RELEASE VALVE AND MANHOLE	\$14,934.00	\$14,934.00
6.			REMOVE AND REPLACE		
a.	20	LF	ASPHALT	\$253.00	\$5,060.00
7.			EROSION, SEDIMENTATION AND POLLUTION CONTROL		
a.	2,248	LF	Grassing of Disturbed Areas	\$2.00	\$4,496.00
b.	1,120	LF	Matting, Ss	\$11.00	\$12,320.00
c.	100	LF	Silt Fence, Type "S"	\$6.00	\$600.00
d.	20	SY	Rip-Rap, RP	\$45.00	\$900.00
e.	10	EA	Stone Check Dam, Cd-S	\$750.00	\$7,500.00
f.	10	EA	Haybale Check Dam, Cd-Hb	\$210.00	\$2,100.00
8.	200	CY	ROCK EXCAVATION	\$60.00	\$12,000.00
9.	100	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS	\$2.00	\$200.00
Subtotal Amount Bid Division Two - Effluent Force Main, Items 1 through 9 inclusive, the amount of:					\$501,941.00

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
10.			PVC WATER LINE CLASS 235 DR18		
a.	1,525	LF	8"	\$83.00	\$126,575.00
11.			DUCTILE IRON RESTRAINED JOINT WATER LINE		
a.	320	LF	8"	\$101.00	\$32,320.00
12.	1.00	TON	MECHANICAL JOINT FITTINGS	\$1.00	\$1.00
13.	20.00	CY	CONCRETE BLOCKING	\$350.00	\$7,000.00
14.			RESILIENT SEATED GATE VALVES		
a.	1	EA	8" G.V. AND V.B.	\$2,515.00	\$2,515.00
15.			FIRE HYDRANT (3-WAY)		
a.	2	EA	Fire Hydrant, Including Fittings Hydrant Tee, Locked Hydrant Adaptor and Crushed Stone	\$4,970.00	\$9,940.00

**CITY OF SENOIA, GEORGIA**  
**DIVISION TWO - WATER LINE**

**Crawford Grading & Pipeline, Inc.**  
**Luthersville, Georgia**

b.	10	LF	6" D.I. Hydrant Lead, Including Threaded Rods	\$41.00	\$410.00
c.	2	EA	6" G.V. AND V.B.	\$1,467.00	\$2,934.00
16.	320	LF	POLYETHYLENE ENCASEMENT FOR DUCTILE IRON PIPE	\$5.00	\$1,600.00
17.			CONNECT TO EXISTING WATER MAIN		
a.	1	EA	8" Pipe	\$1,000.00	\$1,000.00
b.	1	EA	2" Pipe	\$1,423.00	\$1,423.00
18.			ROADWAY CROSSING		
a.	80	LF	16" Steel Casing (0.312" w.t.) Install by Jack and Bore	\$522.00	\$41,760.00
b.	1	EA	8" Free Bore, >50' In Addition To Pipe	\$13,500.00	\$13,500.00
c.	10	EA	8" Bell Restrainers for PVC	\$234.00	\$2,340.00
19.			EROSION, SEDIMENTATION AND POLLUTION CONTROL		
a.	600	LF	Grassing of Disturbed Areas	\$5.00	\$3,000.00
b.	450	LF	Sod	\$32.00	\$14,400.00
c.	650	LF	Matting, Ss	\$11.00	\$7,150.00
d.	200	LF	Silt Fence, Type "S"	\$7.00	\$1,400.00
e.	45	SY	Rip-Rap, RP	\$85.00	\$3,825.00
f.	5	EA	Stone Check Dam, Cd-S	\$750.00	\$3,750.00
g.	5	EA	Haybale Check Dam, Cd-Hb	\$210.00	\$1,050.00
20.	50	CY	ROCK EXCAVATION	\$60.00	\$3,000.00
21.	30	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS	\$150.00	\$4,500.00

Subtotal Amount Bid Division Two - Water Line, Items 10 through 21 inclusive, the amount of: \$285,393.00

**Total Amount Bid, Division Two, Items 1 through 21 Inclusive, the amount of:** \$787,334.00

**ALTERNATE**

Alternate Two For furnishing and installing Ductile Iron Pipe in lieu of PVC Class 235 (DR18) AWWA C900, add/deduct (circle one), the following amount per linear foot:

a. 8" Add \$9.00

**CITY OF SENOIA, GEORGIA**  
**DIVISION THREE - FORCE MAIN 'A'**

**Crawford Grading & Pipeline, Inc.**  
**Luthersville, Georgia**

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
1.			10" PVC FORCE MAIN C900		
a.	2,466	LF	0' - 6' cut or in casing	\$78.00	\$192,348.00
b.	20	LF	6' - 8' cut	\$91.00	\$1,820.00
2.	0.45	TON	MECHANICAL JOINT FITTINGS	\$1.00	\$0.45
3.	2	CY	CONCRETE BLOCKING	\$400.00	\$800.00
4.	4	EA	AIR AND VACUUM RELEASE VALVE AND MANHOLE	\$13,971.00	\$55,884.00
5.	1	EA	CONNECT TO EXISTING MANHOLE	\$6,845.00	\$6,845.00
6.	1	EA	ABANDON EXISTING FORCE MAIN	\$5,750.00	\$5,750.00
7.			CONNECT TO EXISTING FORCE MAIN		
a.	1	EA	10" Pipe by Wet Tap, Including 10" x 10" Tapping Sleeve and Valve	\$11,519.00	\$11,519.00
b.	1	EA	10" Insert Valve	\$21,393.00	\$21,393.00
8.			FREE BORE, <50' IN ADDITION TO PIPE		
a.	5	EA	10"	\$6,250.00	\$31,250.00
9.			REMOVE AND REPLACE		
a.	25	LF	Asphalt	\$362.00	\$9,050.00
b.	15	LF	Concrete	\$185.00	\$2,775.00
c.	100	LF	Gravel	\$18.00	\$1,800.00
10.	2,000	LF	CLEARING AND GRUBBING	\$10.00	\$20,000.00
11.			EROSION, SEDIMENTATION AND POLLUTION CONTROL		
a.	2,400	LF	Grassing of Disturbed Areas	\$2.00	\$4,800.00
b.	100	LF	Matting, Ss	\$20.00	\$2,000.00
c.	200	LF	Silt Fence, Type "S"	\$7.00	\$1,400.00
d.	20	SY	Rip-Rap, RP	\$30.00	\$600.00
e.	5	EA	Stone Check Dam, Cd-S	\$750.00	\$3,750.00
f.	5	EA	Haybale Check Dam, Cd-Hb	\$210.00	\$1,050.00
12.	40	CY	ROCK EXCAVATION	\$60.00	\$2,400.00
13.	20	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS	\$150.00	\$3,000.00

**Total Amount Bid Division Three, Items 1 through 13 inclusive, the amount of: \$380,234.45**

**CITY OF SENOIA, GEORGIA**  
**DIVISION FOUR - SEWER REHABILITATION**

**Crawford Grading & Pipeline, Inc.**  
**Luthersville, Georgia**

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
1.			INSTALL 16" PVC GRAVITY SEWER		
a.	39	LF	0' - 6' cut or in casing	\$563.00	\$21,957.00
b.	26	LF	6' - 8' cut	\$320.00	\$8,320.00
c.	27	LF	8' - 10' cut	\$320.00	\$8,640.00
d.	46	LF	10' - 12' cut	\$320.00	\$14,720.00
2.			INSTALL 12" PVC GRAVITY SEWER		
a.	130	LF	0' - 6' cut or in casing	\$85.00	\$11,050.00
b.	68	LF	6' - 8' cut	\$115.00	\$7,820.00
c.	17	LF	8' - 10' cut	\$165.00	\$2,805.00
d.	13	LF	10' - 12' cut	\$180.00	\$2,340.00
3.			INSTALL 8" PVC GRAVITY SEWER		
a.	20	LF	0' - 8' cut	\$250.00	\$5,000.00
4.			REMOVE AND REPLACE WITH 12" PVC GRAVITY SEWER		
a.	356	LF	6' - 8' cut	\$135.00	\$48,060.00
b.	160	LF	8' - 10' cut	\$140.00	\$22,400.00
c.	106	LF	10' - 12' cut	\$145.00	\$15,370.00
5.			MANHOLE FRAME AND COVER		
a.	7	EA	370# Standard	\$530.00	\$3,710.00
6.			4'-0" DIAM. PRECAST CONCRETE MANHOLE		
a.	82	VF	Base, Riser and Cone	\$587.00	\$48,134.00
7.			REHABILITATE EXISTING MANHOLE		
a.	2	EA	Reconstruct Manhole Invert and Bench	\$100.00	\$200.00
b.	4	EA	Remove and Replace Existing Existing Manhole, Including Bypass Pumping and Pipe Connections - In addition to pay items 5 and 6	\$4,200.00	\$16,800.00
8.			LINE PROPOSED MANHOLE		
a.	2	EA	Top Coat with 100 mils of 100% Solids Epoxy per Specifications Section 4.05 per manhole Including Bench, Riser and Cone (0' to 5' deep)"	\$3,775.00	\$7,550.00
b.	14	VF	Additional Depth for Manholes Deeper than 5', In Addition to Item 8.a	\$755.00	\$10,570.00
9.	5	EA	ABANDON EXISTING MANHOLE	\$2,000.00	\$10,000.00
10.	3	EA	ABANDON EXISTING GRAVITY SEWER LINE BY FILLING THE FIRST 6' WITH FLOWABLE FILL FROM INSIDE MANHOLE	\$2,500.00	\$7,500.00

**CITY OF SENOIA, GEORGIA**  
**DIVISION FOUR - SEWER REHABILITATION**

**Crawford Grading & Pipeline, Inc.**  
**Luthersville, Georgia**

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
11.	8	CY	CLEAN AND REMOVE ALL DEBRIS, GRIT, GREASE, ETC. FROM EXISTING WET WELL	\$400.00	\$3,200.00
12.			CONNECT TO EXISTING		
a.	1	EA	Connect to Existing Manhole	\$2,150.00	\$2,150.00
b.	1	EA	Connect to Existing Wetwell	\$20,000.00	\$20,000.00
c.	1	EA	Construct Doghouse Manhole Over Existing Sewer, In Addition to Pay Items 5 and 6	\$10,300.00	\$10,300.00
13.			RAILROAD CROSSING		
a.	130	LF	32" Steel Casing (0.312" w.t.) Install by Jack and Bore	\$970.00	\$126,100.00
b.	2	CY	Abandon Existing Sewer Line Under Railroad with Flowable Fill Material	\$3,000.00	\$6,000.00
14.			EXISTING SERVICE CONNECTIONS		
a.	50	LF	Remove and Replace 6" PVC Pipe	\$34.00	\$1,700.00
b.	3	EA	12" x 6" Wye or Tee Including Concrete Enclosure	\$1,700.00	\$5,100.00
c.	9	EA	6" - 30° or 45° Bend Including Concrete Enclosure	\$130.00	\$1,170.00
d.	3	EA	Locate and Connect to Existing Service Line, Including fitting and Fernco Coupling	\$650.00	\$1,950.00
15.			REMOVE AND REPLACE PAVEMENT		
a.	770	LF	Asphalt Roadway	\$75.00	\$57,750.00
b.	20	LF	Gravel	\$24.00	\$480.00
16.			EROSION, SEDIMENTATION AND POLLUTION CONTROL		
a.	900	LF	Grassing of Disturbed Areas	\$4.00	\$3,600.00
b.	100	LF	Matting, Ss	\$10.00	\$1,000.00
c.	300	LF	Silt Fence, Type "S"	\$7.00	\$2,100.00
d.	10	SY	Rip-Rap, RP	\$45.00	\$450.00
e.	5	EA	Stone Check Dam, Cd-S	\$750.00	\$3,750.00
f.	5	EA	Haybale Check Dam, Cd-Hb	\$210.00	\$1,050.00
17.	40	CY	ROCK EXCAVATION	\$60.00	\$2,400.00
18.	40	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS	\$150.00	\$6,000.00
19.	100	CY	SELECT BACKFILL INCLUDING HAULING AND PLACEMENT	\$50.00	\$5,000.00

**CITY OF SENOIA, GEORGIA**  
**DIVISION FOUR - SEWER REHABILITATION**

**Crawford Grading & Pipeline, Inc.**  
**Luthersville, Georgia**

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
20.			STORMWATER MONITORING		
a.	1	LS	Monitoring Site (Establishing, constructing and operating all sites, prepare and submitting Notice of Intent and Notice of Termination and all land disturbing fees per Section 3.16)	<u>\$20,000.00</u>	<u>\$20,000.00</u>
b.	12	EA	Sampling Events	<u>\$225.00</u>	<u>\$2,700.00</u>
21.			CONCRETE		
a.	20	CY	Class 'A'	<u>\$300.00</u>	<u>\$6,000.00</u>
b.	20	CY	Class 'B'	<u>\$300.00</u>	<u>\$6,000.00</u>
22.			REMOVE AND REPLACE WITH SEWER		
a.	40	LF	6' to 8' Cut	<u>\$200.00</u>	<u>\$8,000.00</u>
<b>Total Amount Bid, Division Four, Items 1 through 22 Inclusive, the amount of:</b>					<b><u>\$576,896.00</u></b>

**ALTERNATE**

Alternate Two	For furnishing and installing 12-inch PVC SDR 35 Gravity Sewer in lieu of 12-inch PVC SDR 26 Gravity Sewer, add/deduct (circle one), the following amount per linear foot:			
a.	12-inch PVC SDR 35 Gravity Sewer	<b>Deduct</b>	<u>\$8.00</u>	
Alternate Three	For furnishing and installing 8-inch PVC SDR 35 Gravity Sewer in lieu of 8-inch PVC SDR 26 Gravity Sewer, add/deduct (circle one), the following amount per linear foot:			
a.	8-inch PVC SDR 35 Gravity Sewer	<b>Deduct</b>	<u>\$1.00</u>	

## CITY OF SENOIA, GEORGIA

RDJE, Inc.

## DIV. ONE INTERCEPTOR 'A' - GRAVITY SEWER LINE

Newnan, Georgia

<i>Item</i>					<i>Unit Price</i>	<i>Total Price</i>
<i>No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>			
1.			24" PVC SDR 26 GRAVITY SEWER			
a.	937	LF	0' - 6' cut or in casing		\$390.00	\$365,430.00
b.	1,449	LF	6' - 8' cut		\$395.00	\$572,355.00
c.	924	LF	8' - 10' cut		\$410.00	\$378,840.00
d.	686	LF	10' - 12' cut		\$425.00	\$291,550.00
e.	20	LF	12' - 14' cut		\$450.00	\$9,000.00
2.			24" DUCTILE IRON GRAVITY SEWER			
a.	83	LF	0' - 6' cut or in casing		\$600.00	\$49,800.00
b.	30	LF	8' - 10' cut		\$610.00	\$18,300.00
c.	45	LF	10' - 12' cut		\$625.00	\$28,125.00
d.	14	LF	12' - 14' cut		\$640.00	\$8,960.00
3.			MANHOLE FRAME AND COVER			
a.	18	EA	370# Standard		\$1,200.00	\$21,600.00
4.	143	VF	4'-0" DIAMETER PRECAST CONCRETE MANHOLE RISER AND CONE SECTIONS		\$750.00	\$107,250.00
5.	5	EA	6'-0" DIAMETER, 4'-0" HIGH PRECAST CONCRETE MANHOLE BASE SECTION WITH ECCENTRIC ADAPTER RING		\$12,000.00	\$60,000.00
6.	13	EA	5'-0" DIAMETER, 4'-0" HIGH PRECAST CONCRETE MANHOLE BASE SECTION WITH ECCENTRIC ADAPTER RING		\$9,000.00	\$117,000.00
7.	1	EA	CONSTRUCT DOGHOUSE MANHOLE OVER EXISTING SEWER LINE (IN ADDITION TO PAY ITEMS 4 THROUGH 6)		\$9,000.00	\$9,000.00
8.			LINE PROPOSED MANHOLE			
a.	4	EA	Top Coat with 100 mils of 100% Solids Epoxy per Specifications Section 4.05 per manhole Including Bench, Riser and Cone (0' to 5' deep)"		\$2,900.00	\$11,600.00
b.	30	VF	Additional Depth for Manholes Deeper than 5' (In addition to Item 8.a.)		\$575.00	\$17,250.00
9.	1	LS	ABANDON EXISTING PUMP STATION		\$30,000.00	\$30,000.00
10.	172	LF	POLYETHYLENE ENCASEMENT FOR DUCTILE IRON PIPE		\$6.00	\$1,032.00
11.			HIGHWAY CROSSING			
a.	80	LF	32" Steel Casing (0.375" w.t.) Install by Jack and Bore		\$1,320.00	\$105,600.00
12.			RAILROAD CROSSING			
a.	140	LF	32" Steel Casing (0.375" w.t.) Install by Jack and Bore		\$1,320.00	\$184,800.00



<i>Item</i>						
<i>No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>		<i>Unit Price</i>	<i>Total Price</i>
13.			REMOVE AND REPLACE			
a.	20	LF	Asphalt		\$530.00	\$10,600.00
b.	20	LF	Concrete		\$200.00	\$4,000.00
c.	20	LF	Gravel		\$105.00	\$2,100.00
14.			EROSION, SEDIMENTATION AND POLLUTION CONTROL			
a.	4,200	LF	Grassing of Disturbed Areas		\$3.00	\$12,600.00
b.	100	LF	Sod		\$53.00	\$5,300.00
c.	350	LF	Matting, Ss		\$7.00	\$2,450.00
d.	4,000	LF	Silt Fence, Type "S"		\$5.00	\$20,000.00
e.	200	SY	Rip-Rap, RP		\$83.00	\$16,600.00
f.	10	EA	Stone Check Dam, Cd-S		\$420.00	\$4,200.00
g.	10	EA	Haybale Check Dam, Cd-Hb		\$115.00	\$1,150.00
15.			STORMWATER MONITORING			
a.	1	LS	Monitoring Site (Establishing, constructing and operating all sites, prepare and submitting Notice of Intent and Notice of Termination and all land disturbing fees per Section 3.16)		\$4,545.00	\$4,545.00
b.	12	EA	Sampling Events		\$90.00	\$1,080.00
16.	200	CY	ROCK EXCAVATION		\$60.00	\$12,000.00
17.	100	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS		\$150.00	\$15,000.00

**Total Amount Bid, Division One-Interceptor 'A' - Gravity Sewer Line, Items 1 through 17 Inclusive, the amount of:**

**\$2,499,117.00**

#### ALTERNATE

The Owner reserves the right to add the following alternate bid items to the work for the purpose of making contract award. Award of the contract may be with or without these items. Each bidder must fill in the unit price amount for each item below.

Alternate One For furnishing and installing 24-inch PVC SDR 35 Gravity Sewer in lieu of 24-inch PVC SDR 26 Gravity Sewer, add/deduct (circle one), the following amount per linear foot:

a. 24-inch PVC SDR 35 Gravity Sewer **Deduct** \$20.00

**CITY OF SENOIA, GEORGIA**  
**DIVISION TWO - EFFLUENT FORCE MAIN**

**RDJE, Inc.**  
**Newnan, Georgia**

<i>Item</i>					
<i>No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
1.			16" PVC FORCE MAIN C900		
a.	2,018	LF	0' - 6' cut or in casing	\$240.00	\$484,320.00
b.	250	LF	6' - 8' cut	\$249.00	\$62,250.00
2.	0.60	TON	MECHANICAL JOINT FITTINGS	\$52,000.00	\$31,200.00
3.	4.0	CY	CONCRETE BLOCKING	\$305.00	\$1,220.00
4.	1	LS	16" OUTLET STRUCTURE INCLUDING INSTALLATION OF CONCRETE HEADWALL, 16" FLAP VALVE	\$10,500.00	\$10,500.00
5.	1	EA	AIR AND VACUUM RELEASE VALVE AND MANHOLE	\$15,000.00	\$15,000.00
6.			REMOVE AND REPLACE		
a.	20	LF	ASPHALT	\$540.00	\$10,800.00
7.			EROSION, SEDIMENTATION AND POLLUTION CONTROL		
a.	2,248	LF	Grassing of Disturbed Areas	\$3.00	\$6,744.00
b.	1,120	LF	Matting, Ss	\$7.00	\$7,840.00
c.	100	LF	Silt Fence, Type "S"	\$5.00	\$500.00
d.	20	SY	Rip-Rap, RP	\$84.00	\$1,680.00
e.	10	EA	Stone Check Dam, Cd-S	\$425.00	\$4,250.00
f.	10	EA	Haybale Check Dam, Cd-Hb	\$120.00	\$1,200.00
8.	200	CY	ROCK EXCAVATION	\$60.00	\$12,000.00
9.	100	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS	\$185.00	\$18,500.00
Subtotal Amount Bid Division Two - Effluent Force Main, Items 1 through 9 inclusive, the amount of:					\$668,004.00

<i>Item</i>					
<i>No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
10.			PVC WATER LINE CLASS 235 DR18		
a.	1,525	LF	8"	\$105.00	\$160,125.00
11.			DUCTILE IRON RESTRAINED JOINT WATER LINE		
a.	320	LF	8"	\$175.00	\$56,000.00
12.	1.00	TON	MECHANICAL JOINT FITTINGS	\$12,000.00	\$12,000.00
13.	20.00	CY	CONCRETE BLOCKING	\$305.00	\$6,100.00
14.			RESILIENT SEATED GATE VALVES		
a.	1	EA	8" G.V. AND V.B.	\$5,000.00	\$5,000.00

**CITY OF SENOIA, GEORGIA**

**RDJE, Inc.**

**DIVISION TWO - WATER LINE**

**Newnan, Georgia**

15.			FIRE HYDRANT (3-WAY)		
a.	2	EA	Fire Hydrant, Including Fittings Hydrant Tee, Locked Hydrant Adaptor and Crushed Stone	<u>\$7,000.00</u>	<u>\$14,000.00</u>
b.	10	LF	6" D.I. Hydrant Lead, Including Threaded Rods	<u>\$140.00</u>	<u>\$1,400.00</u>
c.	2	EA	6" G.V. AND V.B.	<u>\$2,200.00</u>	<u>\$4,400.00</u>
16.	320	LF	POLYETHYLENE ENCASEMENT FOR DUCTILE IRON PIPE	<u>\$6.00</u>	<u>\$1,920.00</u>
17.			CONNECT TO EXISTING WATER MAIN		
a.	1	EA	8" Pipe	<u>\$5,700.00</u>	<u>\$5,700.00</u>
b.	1	EA	2" Pipe	<u>\$2,900.00</u>	<u>\$2,900.00</u>
18.			ROADWAY CROSSING		
a.	80	LF	16" Steel Casing (0.312" w.t.) Install by Jack and Bore	<u>\$710.00</u>	<u>\$56,800.00</u>
b.	1	EA	8" Free Bore, >50' In Addition To Pipe	<u>\$2,000.00</u>	<u>\$2,000.00</u>
c.	10	EA	8" Bell Restrainers for PVC	<u>\$220.00</u>	<u>\$2,200.00</u>
19.			EROSION, SEDIMENTATION AND POLLUTION CONTROL		
a.	600	LF	Grassing of Disturbed Areas	<u>\$5.00</u>	<u>\$3,000.00</u>
b.	450	LF	Sod	<u>\$41.00</u>	<u>\$18,450.00</u>
c.	650	LF	Matting, Ss	<u>\$7.00</u>	<u>\$4,550.00</u>
d.	200	LF	Silt Fence, Type "S"	<u>\$5.00</u>	<u>\$1,000.00</u>
e.	45	SY	Rip-Rap, RP	<u>\$84.00</u>	<u>\$3,780.00</u>
f.	5	EA	Stone Check Dam, Cd-S	<u>\$425.00</u>	<u>\$2,125.00</u>
g.	5	EA	Haybale Check Dam, Cd-Hb	<u>\$120.00</u>	<u>\$600.00</u>
20.	50	CY	ROCK EXCAVATION	<u>\$60.00</u>	<u>\$3,000.00</u>
21.	30	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS	<u>\$185.00</u>	<u>\$5,550.00</u>

Subtotal Amount Bid Division Two - Water Line, Items 10 through 21 inclusive, the amount of: \$372,600.00

**Total Amount Bid, Division Two, Items 1 through 21 Inclusive, the amount of: \$1,040,604.00**

**ALTERNATE**

Alternate Two For furnishing and installing Ductile Iron Pipe in lieu of PVC Class 235 (DR18) AWWA C900, add/deduct (circle one), the following amount per linear foot:

a. 8" **Add** \$12.00

**CITY OF SENOIA, GEORGIA**  
**DIVISION THREE - FORCE MAIN 'A'**

**RDJE, Inc.**  
**Newnan, Georgia**

<i>Item</i>				<i>Unit Price</i>	<i>Total Price</i>
<i>No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>		
1.			10" PVC FORCE MAIN C900		
a.	2,466	LF	0' - 6' cut or in casing	\$157.00	\$387,162.00
b.	20	LF	6' - 8' cut	\$199.00	\$3,980.00
2.	0.45	TON	MECHANICAL JOINT FITTINGS	\$14,000.00	\$6,300.00
3.	2	CY	CONCRETE BLOCKING	\$315.00	\$630.00
4.	4	EA	AIR AND VACUUM RELEASE VALVE AND MANHOLE	\$16,100.00	\$64,400.00
5.	1	EA	CONNECT TO EXISTING MANHOLE	\$9,000.00	\$9,000.00
6.	1	EA	ABANDON EXISTING FORCE MAIN	\$5,000.00	\$5,000.00
7.			CONNECT TO EXISTING FORCE MAIN		
a.	1	EA	10" Pipe by Wet Tap, Including 10" x 10" Tapping Sleeve and Valve	\$12,105.00	\$12,105.00
b.	1	EA	10" Insert Valve	\$21,000.00	\$21,000.00
8.			FREE BORE, <50' IN ADDITION TO PIPE		
a.	5	EA	10"	\$2,000.00	\$10,000.00
9.			REMOVE AND REPLACE		
a.	25	LF	Asphalt	\$585.00	\$14,625.00
b.	15	LF	Concrete	\$260.00	\$3,900.00
c.	100	LF	Gravel	\$110.00	\$11,000.00
10.	2,000	LF	CLEARING AND GRUBBING	\$19.00	\$38,000.00
11.			EROSION, SEDIMENTATION AND POLLUTION CONTROL		
a.	2,400	LF	Grassing of Disturbed Areas	\$3.00	\$7,200.00
b.	100	LF	Matting, Ss	\$7.00	\$700.00
c.	200	LF	Silt Fence, Type "S"	\$5.00	\$1,000.00
d.	20	SY	Rip-Rap, RP	\$85.00	\$1,700.00
e.	5	EA	Stone Check Dam, Cd-S	\$435.00	\$2,175.00
f.	5	EA	Haybale Check Dam, Cd-Hb	\$120.00	\$600.00
12.	40	CY	ROCK EXCAVATION	\$60.00	\$2,400.00
13.	20	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS	\$160.00	\$3,200.00

**Total Amount Bid Division Three, Items 1 through 13 inclusive, the amount of: \$606,077.00**

**CITY OF SENOIA, GEORGIA**  
**DIVISION FOUR - SEWER REHABILITATION**

**RDJE, Inc.**  
**Newnan, Georgia**

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
1.			INSTALL 16" PVC GRAVITY SEWER		
a.	39	LF	0' - 6' cut or in casing	\$500.00	\$19,500.00
b.	26	LF	6' - 8' cut	\$520.00	\$13,520.00
c.	27	LF	8' - 10' cut	\$540.00	\$14,580.00
d.	46	LF	10' - 12' cut	\$570.00	\$26,220.00
2.			INSTALL 12" PVC GRAVITY SEWER		
a.	130	LF	0' - 6' cut or in casing	\$300.00	\$39,000.00
b.	68	LF	6' - 8' cut	\$310.00	\$21,080.00
c.	17	LF	8' - 10' cut	\$320.00	\$5,440.00
d.	13	LF	10' - 12' cut	\$350.00	\$4,550.00
3.			INSTALL 8" PVC GRAVITY SEWER		
a.	20	LF	0' - 8' cut	\$345.00	\$6,900.00
4.			REMOVE AND REPLACE WITH 12" PVC GRAVITY SEWER		
a.	356	LF	6' - 8' cut	\$210.00	\$74,760.00
b.	160	LF	8' - 10' cut	\$220.00	\$35,200.00
c.	106	LF	10' - 12' cut	\$235.00	\$24,910.00
5.			MANHOLE FRAME AND COVER.		
a.	7	EA	370# Standard	\$2,400.00	\$16,800.00
6.			4'-0" DIAM. PRECAST CONCRETE MANHOLE		
a.	82	VF	Base, Riser and Cone	\$1,100.00	\$90,200.00
7.			REHABILITATE EXISTING MANHOLE		
a.	2	EA	Reconstruct Manhole Invert and Bench	\$1,500.00	\$3,000.00
b.	4	EA	Remove and Replace Existing Existing Manhole, Including Bypass Pumping and Pipe Connections - In addition to pay items 5 and 6	\$10,000.00	\$40,000.00
8.			LINE PROPOSED MANHOLE		
a.	2	EA	Top Coat with 100 mils of 100% Scldis Epoxy per Specifications Section 4.05 per manhole Including Bench, Riser and Cone (0' to 5' deep)"	\$3,000.00	\$6,000.00
b.	14	VF	Additional Depth for Manholes Deeper than 5', In Addition to Item 8.a	\$600.00	\$8,400.00
9.	5	EA	ABANDON EXISTING MANHOLE	\$1,000.00	\$5,000.00
10.	3	EA	ABANDON EXISTING GRAVITY SEWER LINE BY FILLING THE FIRST 6' WITH FLOWABLE FILL FROM INSIDE MANHOLE	\$1,100.00	\$3,300.00

**CITY OF SENOIA, GEORGIA**  
**DIVISION FOUR - SEWER REHABILITATION**

**RDJE, Inc.**  
**Newnan, Georgia**

<i>Item</i>					
<i>No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
11.	8	CY	CLEAN AND REMOVE ALL DEBRIS, GRIT, GREASE, ETC. FROM EXISTING WET WELL	\$500.00	\$4,000.00
12.			CONNECT TO EXISTING		
a.	1	EA	Connect to Existing Manhole	\$2,000.00	\$2,000.00
b.	1	EA	Connect to Existing Wetwell	\$2,500.00	\$2,500.00
c.	1	EA	Construct Doghouse Manhole Over Existing Sewer, In Addition to Pay Items 5 and 6	\$6,000.00	\$6,000.00
13.			RAILROAD CROSSING		
a.	130	LF	32" Steel Casing (0.312" w.t.) Install by Jack and Bore	\$825.00	\$107,250.00
b.	2	CY	Abandon Existing Sewer Line Under Railroad with Flowable Fill Material	\$1,100.00	\$2,200.00
14.			EXISTING SERVICE CONNECTIONS		
a.	50	LF	Remove and Replace 6" PVC Pipe	\$90.00	\$4,500.00
b.	3	EA	12" x 6" Wye or Tee Including Concrete Enclosure	\$1,400.00	\$4,200.00
c.	9	EA	6" - 30° or 45° Bend Including Concrete Enclosure	\$1,400.00	\$12,600.00
d.	3	EA	Locate and Connect to Existing Service Line, Including fitting and Fernco Coupling	\$2,000.00	\$6,000.00
15.			REMOVE AND REPLACE PAVEMENT		
a.	770	LF	Asphalt Roadway	\$230.00	\$177,100.00
b.	20	LF	Gravel	\$105.00	\$2,100.00
16.			EROSION, SEDIMENTATION AND POLLUTION CONTROL		
a.	900	LF	Grassing of Disturbed Areas	\$3.00	\$2,700.00
b.	100	LF	Matting, Ss	\$7.00	\$700.00
c.	300	LF	Silt Fence, Type "S"	\$5.00	\$1,500.00
d.	10	SY	Rip-Rap, RP	\$83.00	\$830.00
e.	5	EA	Stone Check Dam, Cd-S	\$425.00	\$2,125.00
f.	5	EA	Haybale Check Dam, Cd-Hb	\$115.00	\$575.00
17.	40	CY	ROCK EXCAVATION	\$60.00	\$2,400.00
18.	40	CY	CRUSHED STONE STABILIZATION OR BEDDING, INCLUDING EXCAVATION AND REMOVAL OF UNSUITABLE MATERIALS	\$155.00	\$6,200.00
19.	100	CY	SELECT BACKFILL INCLUDING HAULING AND PLACEMENT	\$100.00	\$10,000.00

**CITY OF SENOIA, GEORGIA**  
**DIVISION FOUR - SEWER REHABILITATION**

**RDJE, Inc.**  
**Newnan, Georgia**

<i>Item No.</i>	<i>Qty.</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Price</i>	<i>Total Price</i>
20.			STORMWATER MONITORING		
a.	1	LS	Monitoring Site (Establishing, constructing and operating all sites, prepare and submitting Notice of Intent and Notice of Termination and all land disturbing fees per Section 3.16)	\$4,580.00	\$4,580.00
b.	12	EA	Sampling Events	\$90.00	\$1,080.00
21.			CONCRETE		
a.	20	CY	Class 'A'	\$355.00	\$7,100.00
b.	20	CY	Class 'B'	\$300.00	\$6,000.00
22.			REMOVE AND REPLACE WITH SEWER		
a.	40	LF	6' to 8' Cut	\$450.00	\$18,000.00
<b>Total Amount Bid, Division Four, Items 1 through 22 Inclusive, the amount of:</b>					<b>\$852,600.00</b>

**ALTERNATE**

Alternate Two	For furnishing and installing 12-inch PVC SDR 35 Gravity Sewer in lieu of 12-inch PVC SDR 26 Gravity Sewer, add/deduct (circle one), the following amount per linear foot:			
a.	12-inch PVC SDR 35 Gravity Sewer	<b>Deduct</b>	<u>\$8.00</u>	
Alternate Three	For furnishing and installing 8-inch PVC SDR 35 Gravity Sewer in lieu of 8-inch PVC SDR 26 Gravity Sewer, add/deduct (circle one), the following amount per linear foot:			
a.	8-inch PVC SDR 35 Gravity Sewer	<b>Deduct</b>	<u>\$4.00</u>	