

Sonar/TISCIT Inspection and Large Diameter cleaning				UNIT PRICE	TOTAL PRICE
01510-01	Sonar/TISCIT Survey, 18" to 24" Diameter Pipe	42,000	LF	\$ 10.00	\$ 420,000.00
01510-02	Sonar/TISCIT Survey > 24" and ≤ 36" Diameter Pipe	11,000	LF	\$ 12.00	\$ 132,000.00
01510-03	Sonar/TISCIT Survey Larger Than 36" Diameter Pipe	10,000	LF	\$ 16.00	\$ 160,000.00
02956-01	Cleaning & Verification ≤15% Average Cross Section Area Blockage, 18"-24" Diameter	10,000	LF	\$ 12.00	\$ 120,000.00
A2	Sewer Main Television Inspection (18" through 24" Diameter)		LF	\$ 6.00	
A10	Sewer Main Cleaning - Normal (18" through 24" Diameter)		LF	\$ 2.00	
01510-01	Sonar/TISCIT Survey, 18" to 24" Diameter Pipe		LF	\$ 4.00	
02956-02	Cleaning & Verification >15% - 25% Average Cross Section Area Blockage, 18"-24" Diameter	2,000	LF	\$ 13.00	\$ 26,000.00
A2	Sewer Main Television Inspection (18" through 24" Diameter)		LF	\$ 6.00	
A10	Sewer Main Cleaning - Normal (18" through 24" Diameter)		LF	\$ 3.00	
01510-01	Sonar/TISCIT Survey, 18" to 24" Diameter Pipe		LF	\$ 4.00	
02956-03	Cleaning & Verification >25% Average Cross Section Area Blockage, 18"-24" Diameter	2,000	LF	\$ 16.00	\$ 32,000.00
A2	Sewer Main Television Inspection (18" through 24" Diameter)		LF	\$ 6.00	
A10	Sewer Main Cleaning - Normal (18" through 24" Diameter)		LF	\$ 6.00	
01510-01	Sonar/TISCIT Survey, 18" to 24" Diameter Pipe		LF	\$ 4.00	
02956-04	Cleaning & Verification ≤15% Average Cross Section Area Blockage, 24"-36" Diameter	2,500	LF	\$ 16.00	\$ 40,000.00
A3	Sewer Main Television Inspection (27" through 36" Diameter)		LF	\$ 8.00	
A11	Sewer Main Cleaning - Normal (27" through 36" Diameter)		LF	\$ 4.00	
01510-02	Sonar/TISCIT Survey > 24" and ≤ 36" Diameter Pipe		LF	\$ 4.00	
02956-05	Cleaning & Verification >15% - 25% Average Cross Section Area Blockage, 24"-36" Diameter	2,500	LF	\$ 18.00	\$ 45,000.00
A3	Sewer Main Television Inspection (27" through 36" Diameter)		LF	\$ 8.00	
A11	Sewer Main Cleaning - Normal (27" through 36" Diameter)		LF	\$ 6.00	
01510-02	Sonar/TISCIT Survey > 24" and ≤ 36" Diameter Pipe		LF	\$ 4.00	
02956-06	Cleaning & Verification >25% Average Cross Section Area Blockage, 24"-36" Diameter	1,000	LF	\$ 20.00	\$ 20,000.00
A3	Sewer Main Television Inspection (27" through 36" Diameter)		LF	\$ 8.00	

Sonar/TISCIT Inspection and Large Diameter cleaning				UNIT PRICE	TOTAL PRICE
A11	Sewer Main Cleaning - Normal (27" through 36" Diameter)		LF	\$ 8.00	
01510-02	Sonar/TISCIT Survey > 24" and ≤ 36" Diameter Pipe		LF	\$ 4.00	
02956-07	Cleaning & Verification ≤15% Average Cross Section Area Blockage, >36" Diameter	2,500	LF	\$ 22.00	\$ 55,000.00
A4	Sewer Main Television Inspection (42" through 48" Diameter)		LF	\$ 12.00	
A12	Sewer Main Cleaning - Normal (42" through 48" Diameter)		LF	\$ 6.00	
01510-03	Sonar/TISCIT Survey Larger Than 36" Diameter Pipe		LF	\$ 4.00	
02956-08	Cleaning & Verification >15% - 25% Average Cross Section Area Blockage, >36" Diameter	2,000	LF	\$ 26.00	\$ 52,000.00
A4	Sewer Main Television Inspection (42" through 48" Diameter)		LF	\$ 12.00	
A12	Sewer Main Cleaning - Normal (42" through 48" Diameter)		LF	\$ 10.00	
01510-03	Sonar/TISCIT Survey Larger Than 36" Diameter Pipe		LF	\$ 4.00	
02956-09	Cleaning & Verification >25% Average Cross Section Area Blockage, >36" Diameter	1,000	LF	\$ 28.00	\$ 28,000.00
A4	Sewer Main Television Inspection (42" through 48" Diameter)		LF	\$ 12.00	
A12	Sewer Main Cleaning - Normal (42" through 48" Diameter)		LF	\$ 12.00	
01510-03	Sonar/TISCIT Survey Larger Than 36" Diameter Pipe		LF	\$ 4.00	
CCTV Inspection					
01510-01	CCTV for Pipe Inspection ≤ 8" Diameter Pipe (cleaning and	80,000	LF	\$ 5.00	\$ 400,000.00
A1	Sewer Main Television Inspection (8" through 15" Diameter)		LF	\$ 2.50	
A9	Sewer Main Cleaning - Normal (8" through 15" Diameter)		LF	\$ 2.50	
01510-02	CCTV for Pipe Inspection > 8" and ≤ 18" Diameter Pipe (	5,000	LF	\$ 12.00	\$ 60,000.00
A1	Sewer Main Television Inspection (8" through 15" Diameter)		LF	\$ 4.00	
A2	Sewer Main Television Inspection (18" through 24" Diameter)		LF	\$ 4.00	
A9	Sewer Main Cleaning - Normal (8" through 15" Diameter)		LF	\$ 4.00	
A10	Sewer Main Cleaning - Normal (18" through 24" Diameter)		LF	\$ 4.00	
01510-01	Sonar/TISCIT Survey, 18" to 24" Diameter Pipe		LF	\$ 4.00	
01510-04	CCTV PRE-Inspection ≤ 8" Diameter Pipe (NASSCO but no cleaning)	80,000	LF	\$ 2.50	\$ 200,000.00
A1	Sewer Main Television Inspection (8" through 15" Diameter)		LF	\$ 2.50	

Sonar/TISCIT Inspection and Large Diameter cleaning				UNIT PRICE	TOTAL PRICE
01510-05	CCTV PRE-Inspection > 8" and ≤ 18" Diameter Pipe (NASSCO but no cleaning)	10,000	LF	\$ 8.00	\$ 80,000.00
A1	Sewer Main Television Inspection (8" through 15" Diameter)		LF	\$ 4.00	
A2	Sewer Main Television Inspection (18" through 24" Diameter)		LF	\$ 4.00	
01510-01	Sonar/TISCIT Survey, 18" to 24" Diameter Pipe		LF	\$ 4.00	
Small Diameter Sewer Cleaning					
02956-1	Cleaning & CCTV Cleaning Verification ≤ 8" Diameter Pipe, Inside the Right of Way/Highway/Utility Easement	20,000	LF	\$ 5.00	\$ 100,000.00
A1	Sewer Main Television Inspection (8" through 15" Diameter)		LF	\$ 2.50	
A9	Sewer Main Cleaning - Normal (8" through 15" Diameter)		LF	\$ 2.50	
02956-2	Cleaning & CCTV Cleaning Verification > 8" ≤ 18" Diameter Pipe, Inside the Right of Way/Highway/Utility Easement	5,000	LF	\$ 12.00	\$ 60,000.00
A1	Sewer Main Television Inspection (8" through 15" Diameter)		LF	\$ 4.00	
A2	Sewer Main Television Inspection (18" through 24" Diameter)		LF	\$ 4.00	
A9	Sewer Main Cleaning - Normal (8" through 15" Diameter)		LF	\$ 4.00	
A10	Sewer Main Cleaning - Normal (18" through 24" Diameter)		LF	\$ 4.00	
01510-01	Sonar/TISCIT Survey, 18" to 24" Diameter Pipe		LF	\$ 4.00	
02956-3	Cleaning & CCTV Cleaning Verification > 18" ≤ 24" Diameter Pipe, Inside the Right of Way/Highway/Utility Easement	5,000	LF	\$ 12.00	\$ 60,000.00
A2	Sewer Main Television Inspection (18" through 24" Diameter)		LF	\$ 6.00	
A10	Sewer Main Cleaning - Normal (18" through 24" Diameter)		LF	\$ 6.00	
02956-4	Cleaning & CCTV Cleaning Verification ≤ 8" Diameter Pipe, Outside the Right of Way/Highway/Utility Easement	20,000	LF	\$ 6.00	\$ 120,000.00
A1	Sewer Main Television Inspection (8" through 15" Diameter)		LF	\$ 3.00	
A9	Sewer Main Cleaning - Normal (8" through 15" Diameter)		LF	\$ 3.00	
02956-5	Cleaning & CCTV Cleaning Verification > 8" ≤ 18" Diameter Pipe, Outside the Right of Way/Highway/Utility Easement	5,000	LF	\$ 12.00	\$ 60,000.00
A1	Sewer Main Television Inspection (8" through 15" Diameter)		LF	\$ 4.00	
A2	Sewer Main Television Inspection (18" through 24" Diameter)		LF	\$ 4.00	
A9	Sewer Main Cleaning - Normal (8" through 15" Diameter)		LF	\$ 4.00	

Sonar/TISCIT Inspection and Large Diameter cleaning				UNIT PRICE	TOTAL PRICE
A10	Sewer Main Cleaning - Normal (18" through 24" Diameter)		LF	\$ 4.00	
01510-01	Sonar/TISCIT Survey, 18" to 24" Diameter Pipe		LF	\$ 4.00	
02956-6	Cleaning & CCTV Cleaning Verification > 18" ≤ 24" Diameter Pipe, Outside the Right of Way/Highway/Utility Easement	5,000	LF	\$ 16.00	\$ 80,000.00
A2	Sewer Main Television Inspection (18" through 24" Diameter)		LF	\$ 6.00	
A10	Sewer Main Cleaning - Normal (18" through 24" Diameter)		LF	\$ 6.00	
01510-01	Sonar/TISCIT Survey, 18" to 24" Diameter Pipe		LF	\$ 4.00	
Manhole Rehabilitation					
02607-01	Sewer Manhole Height Adjustment ≤ 12"	100	EA	\$ 900.00	\$ 90,000.00
G49	Adjust manhole frame and cover up to 1 Ft		EA	\$ 900.00	
02607-02	Sewer Manhole Height Adjustment > 12"	100	VF	\$ 500.00	\$ 50,000.00
G50	Adjust manhole frame and cover over 1 Ft		VF	\$ 500.00	
02900-01	Sewer Manhole, Rebuild Invert and Bench	20	EA	\$ 1,000.00	\$ 20,000.00
G17	Rebuild Bench and Invert		EA	\$ 1,000.00	
02900-03	Cementitious Manhole Lining, 48" Diameter	100	VF	\$ 375.00	\$ 37,500.00
G11	Manhole Rehabilitation (Standard 4-ft Diameter) - 1-inch Geopolymer liner		VF	\$ 375.00	
02900-04	Epoxy Coating, 48" Diameter	100	VF	\$ 590.00	\$ 59,000.00
G14	Manhole Rehabilitation (Standard 4-ft Diameter) - Composite System - 1" Cementitious + 125 mils Epoxy / Polyurea		VF	\$ 590.00	
02900-06	Cementitious Manhole Lining, 60" Diameter	100	VF	\$ 430.00	\$ 43,000.00
G12	Manhole Rehabilitation (Standard 5-ft Diameter) - 1-inch Geopolymer liner		VF	\$ 430.00	
02900-07	Epoxy Coating, 60" Diameter	100	VF	\$ 610.00	\$ 61,000.00
G15	Manhole Rehabilitation (Standard 5-ft Diameter) - Composite System - 1" Cementitious + 125 mils Epoxy / Polyurea		VF	\$ 610.00	
External Point Repairs					
02535-01	External Point Repair, 6" - 18" PVC, ≤ 12' Depth, include	100	EA	\$ 8,050.00	\$ 805,000.00
H1	6" - 8" Point repair (0'- 8' deep)		EA	\$ 4,830.00	
H2	6" - 8" Point repair (8'- 12' deep)		EA	\$ 5,520.00	
H4	10" - 12" Point repair (0'- 8' deep)		EA	\$ 5,060.00	
H5	10" - 12" Point repair (8'- 12' deep)		EA	\$ 5,750.00	
H7	15" - 18" Point repair (0'-8' deep)		EA	\$ 6,900.00	
H8	15" - 18" Point repair (8'-12' deep)		EA	\$ 8,050.00	
02535-02	External Point Repair, 6" - 18" PVC, ≤ 12' Depth, Additio	10	LF	\$ 138.00	\$ 1,380.00
H13	6" - 8" Point repair extra length over 10 linear feet		LF	\$ 89.70	
H14	10" - 12" Point repair extra length over 10 linear feet		LF	\$ 89.70	
H15	15" - 18" Point repair extra length over 10 linear feet		LF	\$ 138.00	
02535-03	External Point Repair, 6" - 18" PVC, > 12' - 20' Depth, inc	50	EA	\$ 13,800.00	\$ 690,000.00
H3	6" - 8" Point repair (12'-16' deep)		EA	\$ 10,350.00	
H6	10" - 12" Point repair (12'-16' deep)		EA	\$ 11,500.00	
H9	15" - 18" Point repair (12'-16' deep)		EA	\$ 13,800.00	

Sonar/TISCIT Inspection and Large Diameter cleaning				UNIT PRICE	TOTAL PRICE
02535-04	External Point Repair, 6" - 18" PVC, > 12' - 20' Depth, Adder	10	LF	\$ 138.00	\$ 1,380.00
H13	6" - 8" Point repair extra length over 10 linear feet		LF	\$ 89.70	
H14	10" - 12" Point repair extra length over 10 linear feet		LF	\$ 89.70	
H15	15" - 18" Point repair extra length over 10 linear feet		LF	\$ 138.00	
02535-05	External Point Repair, >18" - 24" DIP, ≤ 12' Depth, include	10	EA	\$ 16,100.00	\$ 161,000.00
H10	21" - 24" Point repair (0'-8' deep)		EA	\$ 13,800.00	
H11	21" - 24" Point repair (8'-12' deep)		EA	\$ 16,100.00	
02535-06	External Point Repair, >18" - 24" DIP, ≤ 12' Depth, Adder	5	LF	\$ 207.00	\$ 1,035.00
H16	21" - 24" Point repair extra length over 10 linear feet		LF	207.00	
02535-07	External Point Repair, >18" - 24" DIP > 12' - 20' Depth, include	5	EA	\$ 20,700.00	\$ 103,500.00
H12	21" - 24" Point repair (12'-16' deep)		EA	20700.00	
02535-08	External Point Repair, >18" - 24" DIP > 12' - 20' Depth, Adder	5	LF	\$ 207.00	\$ 1,035.00
H16	21" - 24" Point repair extra length over 10 linear feet		LF	207.00	
	Adder going from PVC to DIP - 8"	800	LF	\$ 50.00	\$ 40,000.00
	Adder going from PVC to DIP - 10"	200	LF	\$ 60.00	\$ 12,000.00
	Adder going from PVC to DIP - 12"	200	LF	\$ 65.00	\$ 13,000.00
	Adder going from PVC to DIP - 15 / 16"	100	LF	\$ 95.00	\$ 9,500.00
	Adder going from PVC to DIP - 18"	8	LF	\$ 115.00	\$ 920.00
	Adder going from PVC to DIP - 20 / 21"	8	LF	\$ 130.00	\$ 1,040.00
	Adder going from PVC to DIP - 24"	8	LF	\$ 180.00	\$ 1,440.00
Internal Point Repairs					
02520-01	Internal Pipe Point Repair with CIPP, 6" - 8" Diameter, minimum	50	EA	\$ 5,300.00	\$ 265,000.00
GG16	Cured-In-Place Pipe Segmental Patches 8"-12" UV Cure		EA	\$ 5,300.00	
02520-03	Internal Pipe Point Repair with CIPP, 10" Diameter, minimum	30	EA	\$ 5,300.00	\$ 159,000.00
GG16	Cured-In-Place Pipe Segmental Patches 8"-12" UV Cure		EA	\$ 5,300.00	
02520-05	Internal Pipe Point Repair with CIPP, 12" Diameter, minimum	10	EA	\$ 5,400.00	\$ 54,000.00
GG16	Cured-In-Place Pipe Segmental Patches 8"-12" UV Cure		EA	\$ 5,400.00	
02520-07	Internal Pipe Point Repair with CIPP, 15" Diameter, minimum	10	EA	\$ 9,000.00	\$ 90,000.00
GG17	Cured-In-Place Pipe Segmental Patches 13"-18" UV Cure		EA	\$ 9,000.00	
02520-09	Internal Pipe Point Repair with CIPP, 18" Diameter, minimum	5	EA	\$ 9,000.00	\$ 45,000.00
GG17	Cured-In-Place Pipe Segmental Patches 13"-18" UV Cure		EA	\$ 9,000.00	
02520-11	Internal Pipe Point Repair with CIPP, 20" - 24" Diameter, minimum	5	EA	\$ 10,500.00	\$ 52,500.00
GG18	Cured-In-Place Pipe Segmental Patches 19"-24" UV Cure		EA	\$ 10,500.00	
Cured Place Pipe					
02500-01	Cured-In-Place Pipe, 8" Diameter, minimum thickness	45,000	LF	\$ 65.00	\$ 2,925,000.00
C2	8" x 6.0mm STEAM WATER CURE		LF	\$ 34.96	
A51	6" - 12" Post TV Inspection After Rehabilitation		LF	\$ 5.00	
C42	6"-12" CIPP Set-up Charge		LF	\$ 7.00	
C65	6" - 12" CIPP Setup Charge (< 300 LF)		EA	\$ 1,000.00	

Sonar/TISCIT Inspection and Large Diameter cleaning				UNIT PRICE	TOTAL PRICE
C47	6" - 12" CIPP Additional Charge Per Install Length (>200')		LF	\$ 13.57	
02500-03	Cured-In-Place Pipe, 10" Diameter, minimum thickness	20,000	LF	\$ 70.00	\$ 1,400,000.00
C3	10" x 6.0mm STEAM /WATER CURE		LF	\$ 38.64	
C42	6"-12" CIPP Set-up Charge		LF	\$ 7.00	
A51	6" - 12" Post TV Inspection After Rehabilitation		LF	\$ 5.00	
C65	6" - 12" CIPP Setup Charge (< 300 LF)		EA	\$ 1,000.00	
C47	6" - 12" CIPP Additional Charge Per Install Length (>200')		LF	\$ 14.89	
02500-05	Cured-In-Place Pipe, 12" Diameter, minimum thickness	10,000	LF	\$ 85.00	\$ 850,000.00
C4	12" x 6.0mm STEAM /WATER CURE		LF	\$ 53.36	
C42	6"-12" CIPP Set-up Charge		LF	\$ 7.00	
A51	6" - 12" Post TV Inspection After Rehabilitation		LF	\$ 5.00	
C65	6" - 12" CIPP Setup Charge (< 300 LF)		EA	\$ 1,000.00	
C47	6" - 12" CIPP Additional Charge Per Install Length (>200')		LF	\$ 15.17	
02500-07	Cured-In-Place Pipe, 15" Diameter, minimum thickness	5,000	LF	\$ 105.00	\$ 525,000.00
C5	15" x 7.5mm STEAM /WATER CURE		LF	\$ 64.40	
C43	15"-18" CIPP Set-up Charge		LF	\$ 12.00	
A52	14" - 20" Post TV Inspection After Rehabilitation		LF	\$ 5.00	
C66	15" - 21" CIPP Setup Charge (< 300 LF)		EA	\$ 1,500.00	
C48	15" - 18" CIPP Additional Charge Per Install Length (>200')		LF	\$ 16.91	
02500-09	Cured-In-Place Pipe, 18" Diameter, minimum thickness	4,000	LF	\$ 124.00	\$ 496,000.00
C6	18" x 9.0mm STEAM/WATER CURE		LF	\$ 78.20	
C43	15"-18" CIPP Set-up Charge		LF	\$ 12.00	
A52	14" - 20" Post TV Inspection After Rehabilitation		LF	\$ 5.00	
C66	15" - 21" CIPP Setup Charge (< 300 LF)		EA	\$ 1,500.00	
C48	15" - 18" CIPP Additional Charge Per Install Length (>200')		LF	\$ 16.91	
02500-11	Cured-In-Place Pipe, 20" Diameter, minimum thickness	1,000	LF	\$ 152.00	\$ 152,000.00
C7	21" x 9.0mm STEAM/WATER CURE		LF	\$ 105.80	
C44	21"-24" CIPP Set-up Charge		LF	\$ 18.00	
A52	14" - 20" Post TV Inspection After Rehabilitation		LF	\$ 5.00	
C66	15" - 21" CIPP Setup Charge (< 300 LF)		EA	\$ 1,500.00	
C49	21" - 24" CIPP Additional Charge Per Install Length (>200')		LF	\$ 16.51	
02500-13	Cured-In-Place Pipe, 24" Diameter, minimum thickness	1,000	LF	\$ 182.00	\$ 182,000.00
C8	24" x 10.5mm STEAM/WATER CURE		LF	\$ 128.80	
C44	21"-24" CIPP Set-up Charge		LF	\$ 18.00	
A53	21" - 36" Post TV Inspection After Rehabilitation		LF	\$ 9.00	
C67	24" - 36" CIPP Setup Charge (< 300 LF)		EA	\$ 2,000.00	

Sonar/TISCIT Inspection and Large Diameter cleaning				UNIT PRICE	TOTAL PRICE
C49	21" - 24" CIPP Additional Charge Per Install Length (>200')		LF	\$ 17.29	
Pipebursting					
P36	Travel and Mobilization - Georgia (**Will be Billed for	1	EA	\$ 35,000.00	\$ 35,000.00
	Static Pipe Bursting Existing 8" diameter, replace with 8"	500	LF	\$ 135.25	\$ 67,625.00
D4	Burst existing 6" or 8" to 8" IPS SDR 19 (0'- 8' deep)		LF	\$ 63.00	
D5	Burst existing 6" or 8" to 8" IPS SDR 19 (8'- 12' deep)		LF	\$ 66.00	
D6	Burst existing 6" or 8" to 8" IPS SDR 19 (12'- 16' deep)		LF	\$ 70.00	
D31	8" - 12" Pipeburst Setup Charge (< 300 LF)		EA	\$ 3,500.00	
A51	6" - 12" Post TV Inspection After Rehabilitation		LF	\$ 5.00	
G51	Invert Installation, 4' Dia.		EACH	\$ 1,400.00	
H39	Connection to existing manhole for open cut intallation		EA	\$ 1,000.00	
H38	Mobilization for open cut WO under 200' of pipe		EA	\$ 2,500.00	
	Static Pipe Bursting Existing 10" diameter, replace with 1	500	LF	\$ 150.50	\$ 75,250.00
D7	Burst existing 8" or 10" to 10" IPS SDR 19 (0'- 8' deep)		LF	\$ 72.00	
D8	Burst existing 8" or 10" to 10" IPS SDR 19 (8'- 12' deep)		LF	\$ 78.00	
D9	Burst existing 8" or 10" to 10" IPS SDR 19 (12'- 16' deep)		LF	\$ 83.00	
D31	8" - 12" Pipeburst Setup Charge (< 300 LF)		EA	\$ 3,500.00	
A51	6" - 12" Post TV Inspection After Rehabilitation		LF	\$ 5.00	
G51	Invert Installation, 4' Dia.		EACH	\$ 1,400.00	
H39	Connection to existing manhole for open cut intallation		EA	\$ 1,100.00	
H38	Mobilization for open cut WO under 200' of pipe		EA	\$ 2,500.00	
	Static Pipe Bursting Existing 12" diameter, replace with 1	500	LF	\$ 160.50	\$ 80,250.00
D10	Burst existing 10" or 12" to 12" IPS SDR 19 (0'- 8' deep)		LF	\$ 160.50	
D11	Burst existing 10" or 12" to 12" IPS SDR 19 (8'- 12' deep)		LF	\$ 85.00	
D12	Burst existing 10" or 12" to 12" IPS SDR 19 (12'- 16' deep)		LF	\$ 90.00	
D31	8" - 12" Pipeburst Setup Charge (< 300 LF)		EA	\$ 3,500.00	
A51	6" - 12" Post TV Inspection After Rehabilitation		LF	\$ 5.00	
G51	Invert Installation, 4' Dia.		EACH	\$ 1,400.00	
H39	Connection to existing manhole for open cut intallation		EA	\$ 1,400.00	
H38	Mobilization for open cut WO under 200' of pipe		EA	\$ 2,500.00	
	Static Pipe Bursting Existing 15" diameter, replace with 1	500	LF	\$ 236.50	\$ 118,250.00
D13	Burst existing 12" or 15" to 16" IPS SDR 19 (0'- 8' deep)		LF	\$ 130.00	

Sonar/TISCIT Inspection and Large Diameter cleaning				UNIT PRICE	TOTAL PRICE
D14	Burst existing 12" or 15" to 16" IPS SDR 19 (8'- 12' deep)		LF	\$ 142.00	
D15	Burst existing 12" or 15" to 16" IPS SDR 19 (12'- 16' deep)		LF	\$ 165.00	
D32	16" - 22" Pipeburst Setup Charge (< 300 LF)		EA	\$ 4,000.00	
A52	14" - 20" Post TV Inspection After Rehabilitation		LF	\$ 5.00	
G51	Invert Installation, 4' Dia.		EACH	\$ 1,400.00	
H39	Connection to existing manhole for open cut intallation		EA	\$ 1,000.00	
H38	Mobilization for open cut WO under 200' of pipe		EA	\$ 2,500.00	
	Pneumatic Pipe Bursting Existing 8" diameter, replace wi	500	LF	\$ 145.25	\$ 72,625.00
D4	Burst existing 6" or 8" to 8" IPS SDR 19 (0'- 8' deep)		LF	\$ 63.00	
D5	Burst existing 6" or 8" to 8" IPS SDR 19 (8'- 12' deep)		LF	\$ 66.00	
D6	Burst existing 6" or 8" to 8" IPS SDR 19 (12'- 16' deep)		LF	\$ 70.00	
D31	8" - 12" Pipeburst Setup Charge (< 300 LF)		EA	\$ 3,500.00	
A51	6" - 12" Post TV Inspection After Rehabilitation		LF	\$ 5.00	
G51	Invert Installation, 4' Dia.		EACH	\$ 1,400.00	
H39	Connection to existing manhole for open cut intallation		EA	\$ 2,000.00	
H38	Mobilization for open cut WO under 200' of pipe		EA	\$ 2,500.00	
	Pneumatic Pipe Bursting Existing 10" diameter, replace w	500	LF	\$ 159.50	\$ 79,750.00
D7	Burst existing 8" or 10" to 10" IPS SDR 19 (0'- 8' deep)		LF	\$ 72.00	
D8	Burst existing 8" or 10" to 10" IPS SDR 19 (8'- 12' deep)		LF	\$ 78.00	
D9	Burst existing 8" or 10" to 10" IPS SDR 19 (12'- 16' deep)		LF	\$ 83.00	
D31	8" - 12" Pipeburst Setup Charge (< 300 LF)		EA	\$ 3,500.00	
A51	6" - 12" Post TV Inspection After Rehabilitation		LF	\$ 5.00	
G51	Invert Installation, 4' Dia.		EACH	\$ 1,400.00	
H39	Connection to existing manhole for open cut intallation		EA	\$ 2,000.00	
H38	Mobilization for open cut WO under 200' of pipe		EA	\$ 2,500.00	
	Pneumatic Pipe Bursting Existing 12" diameter, replace w	500	LF	\$ 166.50	\$ 83,250.00
D10	Burst existing 10" or 12" to 12" IPS SDR 19 (0'- 8' deep)		LF	\$ 81.00	
D11	Burst existing 10" or 12" to 12" IPS SDR 19 (8'- 12' deep)		LF	\$ 85.00	
D12	Burst existing 10" or 12" to 12" IPS SDR 19 (12'- 16' deep)		LF	\$ 90.00	
D31	8" - 12" Pipeburst Setup Charge (< 300 LF)		EA	\$ 3,500.00	
A51	6" - 12" Post TV Inspection After Rehabilitation		LF	\$ 5.00	
G51	Invert Installation, 4' Dia.		EACH	\$ 1,400.00	

Sonar/TISCIT Inspection and Large Diameter cleaning				UNIT PRICE	TOTAL PRICE
H39	Connection to existing manhole for open cut intallation		EA	\$ 2,000.00	
H38	Mobilization for open cut WO under 200' of pipe		EA	\$ 2,500.00	
	Pneumatic Pipe Bursting Existing 15" diameter, replace w	500	LF	\$ 246.50	\$ 123,250.00
D13	Burst existing 12" or 15" to 16" IPS SDR 19 (0'- 8' deep)		LF	\$ 130.00	
D14	Burst existing 12" or 15" to 16" IPS SDR 19 (8'- 12' deep)		LF	\$ 142.00	
D15	Burst existing 12" or 15" to 16" IPS SDR 19 (12'- 16' deep)		LF	\$ 165.00	
D32	16" - 22" Pipeburst Setup Charge (< 300 LF)		EA	\$ 4,000.00	
A52	14" - 20" Post TV Inspection After Rehabilitation		LF	\$ 5.00	
G51	Invert Installation, 4' Dia.		EACH	\$ 1,400.00	
H39	Connection to existing manhole for open cut intallation		EA	\$ 2,000.00	
H38	Mobilization for open cut WO under 200' of pipe		EA	\$ 2,500.00	
	Bursting Launching Pit, 0' to 16' depth	10	EA	\$ 7,975.00	\$ 79,750.00
H47	Access Pit (0'-8' deep)		EA	\$ 2,875.00	
H48	Access Pit (8'-12' deep)		EA	\$ 4,025.00	
H49	Access Pit (12'-16' deep)		EA	\$ 7,475.00	
H56	Trench safety (0-8' deep)		LF	\$ 5.75	
H57	Trench safety (8-12' deep)		LF	\$ 9.00	
H58	Trench safety (12-16' deep)		LF	\$ 20.00	
	Bursting Launching Pit, at depth > 16 ft (add to item ab	10	VF	\$ 1,000.00	\$ 10,000.00
H50	Access Pit (16'-20' deep)		EA	\$ 9,775.00	
H51	Access Pit (over 20' deep)		EA	\$ 15,000.00	
H59	Trench safety (16-20' deep)		LF	\$ 35.00	
H60	Trench safety over 20' deep)		LF	\$ 100.00	
	Bursting Receiving Pit, 0' to 16' depth	10	EA	\$ 7,975.00	\$ 79,750.00
H47	Access Pit (0'-8' deep)		EA	\$ 2,875.00	
H48	Access Pit (8'-12' deep)		EA	\$ 4,025.00	
H49	Access Pit (12'-16' deep)		EA	\$ 7,475.00	
H56	Trench safety (0-8' deep)		LF	\$ 5.75	
H57	Trench safety (8-12' deep)		LF	\$ 9.00	
H58	Trench safety (12-16' deep)		LF	\$ 20.00	
	Bursting Receiving Pit, at depth > 16 ft (add to item ab	10	VF	\$ 1,000.00	\$ 10,000.00
H50	Access Pit (16'-20' deep)		EA	\$ 9,775.00	
H51	Access Pit (over 20' deep)		EA	\$ 15,000.00	
H59	Trench safety (16-20' deep)		LF	\$ 35.00	
H60	Trench safety over 20' deep)		LF	\$ 100.00	
	Reconnection of sanitary sewer service lateral, 4"-6" Dia	25	EA	\$ 5,000.00	\$ 125,000.00
H19	External reconnect (0'- 8' deep) up to 5 linear feet		EA	\$ 1,265.00	
H20	External reconnect (8'- 12' deep) up to 5 linear feet		EA	\$ 1,725.00	
H21	External reconnect (12'- 16' deep) up to 5 linear feet		EA	\$ 4,025.00	
H22	External reconnect (16-20' deep) up to 5 linear feet		EA	\$ 5,000.00	
H23	External reconnect (over 20' deep) up to 5 linear feet		EA	\$ 14,375.00	
H24	Extra length service connection over 5 linear feet		LF	\$ 127.00	

Sonar/TISCIT Inspection and Large Diameter cleaning				UNIT PRICE	TOTAL PRICE
	Seismic Monitoring	1	EA	\$ 15,000.00	\$ 15,000.00
ADDITIONAL "AS NEEDED" ITEMS:					
Sewer Flow Control					
J1	Set up 4" pump and piping including up to 1000 feet of bypass discharge line	20	EA	\$ 2,559.00	\$51,180.00
J10	Operate 4" pumping System per pump	20	DAY	\$ 500.00	\$10,000.00
J221	TEAR DOWN 4" PUMP AND PIPING INCLUDING 1000 FEET OF BYPASS DISCHARGE LINE (will be billed per Each tear down vs. per Day)	20	EA	\$ 2,400.00	\$48,000.00
J2	Set up 6" pump and piping including up to 1000 feet of bypass discharge line	20	EA	\$ 4,800.00	\$96,000.00
J11	Operate 6" pumping System per pump	20	DAY	\$ 2,880.00	\$57,600.00
J222	TEAR DOWN 6" PUMP AND PIPING INCLUDING 1000 FEET OF BYPASS DISCHARGE LINE (will be billed per Each tear down vs. per Day)	20	EA	\$ 3,000.00	\$60,000.00
J3	Set up 8" pump and piping including up to 1000 feet of bypass discharge line (includes PE Stamped design)	5	EA	\$ 11,000.00	\$55,000.00
J12	Operate 8" pumping System per pump	5	DAY	\$ 5,640.00	\$28,200.00
J223	TEAR DOWN 8" PUMP AND PIPING INCLUDING 1000 FEET OF BYPASS DISCHARGE LINE (will be billed per Each tear down vs. per Day)	5	EA	\$ 4,300.00	\$21,500.00
J4	Set up 12" pump and piping including up to 1000 feet of bypass discharge line (includes PE Stamped design)	5	EA	\$ 17,400.00	\$87,000.00
J13	Operate 12" pumping System per pump	5	DAY	\$ 8,840.00	\$44,200.00
J224	TEAR DOWN 12" PUMP AND PIPING INCLUDING 1000 FEET OF BYPASS DISCHARGE LINE (will be billed per Each tear down vs. per Day)	5	EA	\$ 4,200.00	\$21,000.00
J6	Additional Length 8" Bypass Discharge Line over 1000 feet	50	LF	\$ 36.00	\$1,800.00
J7	Additional Length 10" Bypass Discharge Line over 1000 feet	50	LF	\$ 48.00	\$2,400.00
J8	Additional Length 12" Bypass Discharge Line over 1000 feet	50	LF	\$ 88.00	\$4,400.00
J15	Bypass - Driveway Ramp (Setup, Operate, Maintain)	2	DAY	\$ 3,000.00	\$6,000.00
J16	Bypass - Street Ramp (Setup, Operate, Maintain)	2	DAY	\$ 3,000.00	\$6,000.00
J17	Bypass - Street Trenching excluding restoration for 8" Pipe (Setup, Operate, Maintain)	50	LF	\$ 92.00	\$4,600.00
J18	Bypass - Street Trenching excluding restoration for 12" Pipe (Setup, Operate, Maintain)	50	LF	\$ 92.00	\$4,600.00
J19	Bypass - Street Trenching excluding restoration for 18" Pipe (Setup, Operate, Maintain)	50	LF	\$ 92.00	\$4,600.00
J218	PUMP WATCH PER 8 HOUR SHIFT (is required anytime we are lining 12" sanitary sewer or greater)	5	8HR	\$ 2,000.00	\$10,000.00
J219	HYDROSTATIC TESTING OF PIPING	8	HOUR	\$ 400.00	\$3,200.00
J220	24 HOUR SYSTEM TEST	8	HOUR	\$ 400.00	\$3,200.00
Site Restoration & Erosion Control					
N23	STONE RIP RAP TYPE I, 24" IN PLACE COMPLETE	200	SY	\$ 260.00	\$52,000.00

Sonar/TISCIT Inspection and Large Diameter cleaning				UNIT PRICE	TOTAL PRICE
N24	STONE RIP RAP TYPE III, 12" IN PLACE COMPLETE	200	SY	\$ 260.00	\$52,000.00
N29	HAY BALES COMPLETE	50	EACH	\$ 160.00	\$8,000.00
N19	SHRUB REPLACEMENT: 3 GALLON	40	EACH	\$ 63.00	\$2,520.00
N20	SHRUB REPLACEMENT: 5 GALLON	40	EACH	\$ 82.00	\$3,280.00
N10	Repair/Rehab chain link fence with new	100	LF	\$ 25.00	\$2,500.00
N11	Repair/Rehab wooden fence with new	100	LF	\$ 29.00	\$2,900.00
H78	Granular backfill/Crushed Rock	500	TON	\$ 41.00	\$20,500.00
N9	Sodding	600	SY	\$ 29.00	\$17,400.00
N27	SILT FENCE TYPE C, COMPLETE	500	LF	\$ 8.00	\$4,000.00
PAVING RESTORATION					
N5	Repair/Rehab 8" Concrete pavement	500	SY	\$ 173.00	\$86,500.00
N3	Repair/Rehab 2" Asphalt pavement	500	SY	\$ 52.00	\$26,000.00
N6	Repair/Rehab 6" Concrete driveway	200	SY	\$ 121.00	\$24,200.00
N7	Repair/Rehab 4" Concrete sidewalk	100	SY	\$ 98.00	\$9,800.00
N1	Saw Cutting up to 8" depth	500	LF	\$ 9.00	\$4,500.00
N2	Saw Cutting over 8" depth	500	LF	\$ 12.00	\$6,000.00
N8	Repair/Rehab Concrete curb and gutter	500	LF	\$ 29.00	\$14,500.00
MOT					
O11	Barricades, Signs, and Traffic Handling (per setup)	20	EA	\$ 3,500.00	\$70,000.00
O12	Traffic Control Plan (per setup)	20	EA	\$ 2,500.00	\$50,000.00
O14	Uniformed Officers	50	HR	\$ 65.00	\$3,250.00
O13	Flagmen	50	HR	\$ 40.00	\$2,000.00
CLEANING AND CCTV					
A17	Sewer Main Cleaning - Mechanical (8" through 15" Diameter)	300	LF	\$ 6.00	\$1,800.00
A18	Sewer Main Cleaning - Mechanical (18" through 24" Diameter)	300	LF	\$ 8.00	\$2,400.00
A19	Sewer Main Cleaning - Mechanical (27" through 36" Diameter)	300	LF	\$ 25.00	\$7,500.00
A20	Sewer Main Cleaning - Mechanical (42" through 48" Diameter)	300	LF	\$ 35.00	\$10,500.00
A70	Other Remote Obstruction removal (max. 5 lf)	2	EA	\$ 690.00	\$1,380.00
A64	Vactor Truck Services	16	HR	\$ 500.00	\$8,000.00
CIPP					
C29	Internal reconnects on Cured-in-place pipe	100	EA	\$ 276.00	\$27,600.00
C17	6" & 8" Additional 1.5mm	220	LF	\$ 0.92	\$202.40
C18	10" & 12" Additional 1.5mm	220	LF	\$ 4.60	\$1,012.00
C19	15" & 18" Additional 1.5mm	220	LF	\$ 13.80	\$3,036.00
C20	21" & 24" Additional 1.5mm	220	LF	\$ 23.00	\$5,060.00
C47	6" - 12" CIPP Additional Charge Per Install Length (>200')	250	LF	\$ 36.00	\$9,000.00
C48	15" - 18" CIPP Additional Charge Per Install Length (>200')	250	LF	\$ 42.00	\$10,500.00
C49	21" - 24" CIPP Additional Charge Per Install Length (>200')	250	LF	\$ 42.00	\$10,500.00
C52	6" to 12" Backyard Easement Additional Set-up Per Install Length	250	LF	\$ 5.00	\$1,250.00
C53	15" to 24" Backyard Easement Additional Set-up Per Install Length	250	LF	\$ 10.00	\$2,500.00
C69	Backyard Easement Setup (6" - 10")	2	EA	\$ 2,500.00	\$5,000.00
C70	Backyard Easement Setup (12" - 18")	2	EA	\$ 3,500.00	\$7,000.00
MOBILIZATION (*AS NEEDED)					

Sonar/TISCIT Inspection and Large Diameter cleaning				UNIT PRICE	TOTAL PRICE
P36	Travel and Mobilization - Georgia (Mob will be scaled based on release size: \$0-100k = 100% / >\$100k-200k – 80% / >\$200k-\$300k = 60% / >\$300k-\$400k = 40% / >400k-\$500k = 20% / >\$500k = 10%)		EA	\$ 35,000.00	
ADDITIONAL ITEMS					
B42	Clearing & Grubbing	3000	SF	\$ 9.68	\$29,040.00
GG70	Matting for Large Diameter Setup	100	SY	\$ 75.00	\$7,500.00
ALLOWANCE					
	10% Allowance				\$1,404,609.04
TOTAL				\$ 15,450,699.44	