



Price Analysis
Bid No. Y2114050B1
Multi District Inflow and Infiltration Reduction Program

Item #	Item	Qty	Unit	Envirowaste Services Group, Inc.		Current Contract Y0876206B1 (9/13/11 - 12/13/2016)	% Diff.	Y1239210B1 (9/9/14 - 9/8/16)	Y1356202B1 (1/5/2016 - 1/4/2018)
				Price	Total				
Y2114050B1--01-01	Clean 6 and 8 inch main line sewers for preconstruction and television survey	285000	linear foot	\$ 1.65	\$ 470,250.00	\$ 0.50	230%	n/a	\$ 1.25
Y2114050B1--01-02	Clean 10 and 12 inch main line sewers for preconstruction and television survey	26000	linear foot	\$ 2.05	\$ 53,300.00	\$ 0.50	310%	\$ 0.77	\$ 1.75
Y2114050B1--01-03	Clean 14 to 16 inch main line sewers for preconstruction and television survey	1800	linear foot	\$ 2.50	\$ 4,500.00	\$ 0.75	233%	n/a	\$ 3.00
Y2114050B1--01-04	Clean 18 inch main line sewers for preconstruction and television survey	100	linear foot	\$ 5.00	\$ 500.00	\$ 3.00	67%	\$ 1.52	\$ 5.00
Y2114050B1--01-05	Clean 24 inch main line sewers for preconstruction and television survey	100	linear foot	\$ 9.00	\$ 900.00	\$ 3.50	157%	n/a	\$ 5.00
Y2114050B1--01-06	Clean 30 inch main line sewers for preconstruction and television survey	100	linear foot	\$ 13.00	\$ 1,300.00	\$ 4.00	225%	n/a	\$ 10.00
Y2114050B1--01-07	Cut and remove roots in 6 and 8 inch main line	19000	linear foot	\$ 2.60	\$ 49,400.00	\$ 2.00	30%	n/a	n/a
Y2114050B1--01-08	Cut and remove roots in 10 and 12 inch main line	3000	linear foot	\$ 3.50	\$ 10,500.00	\$ 2.50	40%	\$ 1.00	n/a
Y2114050B1--01-09	Cut and remove roots in 14 and 16 inch main line	80	linear foot	\$ 8.00	\$ 640.00	\$ 6.00	33%	\$ 2.00	n/a
Y2114050B1--01-10	Cut and remove roots in 18 inch main line	10	linear foot	\$ 15.00	\$ 150.00	\$ 15.00	0%	\$ 4.00	n/a
Y2114050B1--01-11	Cut and remove roots in 24 inch main line	10	linear foot	\$ 20.00	\$ 200.00	\$ 25.00	-20%	\$ 5.00	n/a
Y2114050B1--01-12	Warranty 6 and 8 inch main line television survey	5000	linear foot	\$ 1.65	\$ 8,250.00	\$ 0.85	94%	n/a	n/a
Y2114050B1--01-13	Warranty 10 and 12 inch main line television survey	1000	linear foot	\$ 1.95	\$ 1,950.00	\$ 0.85	129%	n/a	n/a
Y2114050B1--01-14	Warranty 14 to 18 inch main line television survey	300	linear foot	\$ 2.25	\$ 675.00	\$ 1.25	80%	n/a	n/a
Y2114050B1--01-15	Warranty 24 to 30 inch main line television survey	200	linear foot	\$ 3.25	\$ 650.00	\$ 3.00	8%	n/a	n/a
Y2114050B1--01-16	Test joints in 6 and 8 inch pipe	23800	each	\$ 0.01	\$ 238.00	\$ 8.00	-100%	\$ 21.00	n/a
Y2114050B1--01-17	Test joints in 10 and 12 inch pipe	2200	each	\$ 0.01	\$ 22.00	\$ 15.00	-100%	\$ 21.00	n/a
Y2114050B1--01-18	Test joints in 14 to 18 inch pipe	215	each	\$ 0.01	\$ 2.15	\$ 25.00	-100%	\$ 38.00	n/a
Y2114050B1--01-19	Test joints in 24 to 30 inch pipe	25	each	\$ 0.01	\$ 0.25	\$ 100.00	-100%	\$ 120.00	n/a
Y2114050B1--01-20	Grout joints in 6 and 8 inch pipe	7100	each	\$ 50.00	\$ 355,000.00	\$ 25.00	100%	\$ 5.00	\$ 200.00
Y2114050B1--01-21	Grout joints in 10 and 12 inch pipe	660	each	\$ 60.00	\$ 39,600.00	\$ 35.00	71%	\$ 5.00	\$ 200.00
Y2114050B1--01-22	Grout joints in 14 to 18 inch pipe	65	each	\$ 75.00	\$ 4,875.00	\$ 75.00	0%	\$ 5.00	\$ 300.00
Y2114050B1--01-23	Grout joints in 24 to 30 inch pipe	8	each	\$ 200.00	\$ 1,600.00	\$ 200.00	0%	\$ 5.00	\$ 300.00
Y2114050B1--01-24	Chemical grout for pipe joint sealing	23500	gallon	\$ 0.01	\$ 235.00	\$ 9.00	-100%	\$ 10.00	n/a
Y2114050B1--01-25	Cured In Place sectional liner in 6 and 8 inch pipe up to 8 foot in length	70	each	\$ 2,500.00	\$ 175,000.00	\$ 1,750.00	43%	\$ 1,250.00	n/a



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Y2114050B1--01-26	Cured In Place sectional liner in 10 inch pipe up to 8 foot in length	2	each	\$ 3,750.00	\$ 7,500.00	\$ 1,950.00	92%	\$ 1,300.00	n/a
Y2114050B1--01-27	Cured In Place sectional liner in 12 inch pipe up to 8 foot in length	5	each	\$ 4,500.00	\$ 22,500.00	\$ 2,200.00	105%	\$ 2,500.00	n/a
Y2114050B1--01-28	Cured In Place sectional liner in 14 to 16 inch pipe up to 8 foot in length	1	each	\$ 6,000.00	\$ 6,000.00	\$ 2,850.00	111%	\$ 3,000.00	n/a
Y2114050B1--01-29	Cured In Place sectional liner in 18 inch pipe up to 8 foot in length	1	each	\$ 7,500.00	\$ 7,500.00	\$ 3,000.00	150%	\$ 3,800.00	n/a
Y2114050B1--01-30	Furnish equipment labor and materials to chemically seal (gROUT) M. A. S.	22400	gallon	\$ 17.00	\$ 380,800.00	\$ 2.40	608%	\$ 1,250.00	n/a
Y2114050B1--01-31	Furnish equipment labor and materials to prepare concrete and brick surfaces	29900	square foot	\$ 10.00	\$ 299,000.00	\$ 0.60	1567%	\$ 1.50	n/a
Y2114050B1--01-32	F&I Polymer Modified Waterproof Coating to brick structures.	1500	square foot	\$ 15.00	\$ 22,500.00	\$ 10.25	46%	\$ 13.00	n/a
Y2114050B1--01-33	F&I Polymer Modified Waterproof Coating to precast structure	1500	square foot	\$ 15.00	\$ 22,500.00	\$ 10.25	46%	\$ 12.00	n/a
Y2114050B1--01-34	F&I Coal Tar Epoxy Coating	3000	square foot	\$ 15.00	\$ 45,000.00	\$ 0.88	1605%	\$ 10.00	n/a
Y2114050B1--01-35	F&I one component reinforced wet mortar on precast structures	16500	square foot	\$ 10.00	\$ 165,000.00	\$ 18.60	-46%	\$ 10.00	n/a
Y2114050B1--01-36	F&I one component reinforced wet mortar on brick structures	4000	square foot	\$ 15.00	\$ 60,000.00	\$ 19.20	-22%	\$ 11.00	n/a
Y2114050B1--01-37	F&I high build epoxy coating	2400	square foot	\$ 20.00	\$ 48,000.00	\$ 6.33	216%	\$ 10.80	n/a
Y2114050B1--01-38	Precast M. A. S. joint sealing	20	each	\$ 500.00	\$ 10,000.00	\$ 360.00	39%	\$ 200.00	n/a
Y2114050B1--01-39	F&I Chimney Seal	50	each	\$ 500.00	\$ 25,000.00	\$ 360.00	39%	\$ 300.00	n/a
Y2114050B1--01-40	F&I new M. A. S. frame and cover	20	each	\$ 1,400.00	\$ 28,000.00	\$ 840.00	67%	\$ 900.00	n/a
Y2114050B1--01-41	Reset M. A. S. frame	20	each	\$ 250.00	\$ 5,000.00	\$ 480.00	-48%	\$ 500.00	n/a
Y2114050B1--01-42	F&I M. A. S. insert	100	each	\$ 50.00	\$ 5,000.00	\$ 84.00	-40%	\$ 95.00	n/a
Y2114050B1--01-43	Reconstruct M. A. S. bench and invert	20	each	\$ 500.00	\$ 10,000.00	\$ 600.00	-17%	\$ 650.00	n/a
Y2114050B1--01-44	Corbel or chimney repair	8	each	\$ 500.00	\$ 4,000.00	\$ 15.00	3233%	\$ 800.00	n/a
Y2114050B1--01-45	Corbel replacement	3	each	\$ 1,500.00	\$ 4,500.00	\$ 11,100.00	-86%	\$ 1,500.00	n/a
Y2114050B1--01-46	Chimney replacement	12	each	\$ 1,300.00	\$ 15,600.00	\$ 55.00	2264%	\$ 400.00	n/a
Y2114050B1--01-47	Smoke Testing including material equipment and personnel	118500	linear foot	\$ 0.47	\$ 55,695.00	\$ 0.20	135%	\$ 0.30	n/a
Y2114050B1--01-48	F&I 8 inch Diameter PVC/PE Liner	34000	linear foot	\$ 32.00	\$ 1,088,000.00	\$ 22.00	45%	n/a	n/a
Y2114050B1--01-49	F&I 10 inch Diameter PVC/PE Liner	600	linear foot	\$ 35.00	\$ 21,000.00	\$ 25.00	40%	n/a	n/a
Y2114050B1--01-50	F&I 12 inch Diameter PVC/PE Liner	6000	linear foot	\$ 40.00	\$ 240,000.00	\$ 31.00	29%	n/a	n/a



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Y2114050B1--01-51	F&I 15 inch Diameter PVC/PE Liner	850	linear foot	\$ 53.00	\$ 45,050.00	\$ 36.00		n/a	n/a
Y2114050B1--01-52	F&I 16 inch to 18 inch Diameter CIPP Liner	1500	linear foot	\$ 55.00	\$ 82,500.00	\$ 55.00	0%	n/a	n/a
Y2114050B1--01-53	F&I 20 inch to 24 inch Diameter CIPP Liner	1000	linear foot	\$ 90.00	\$ 90,000.00	\$ 95.00	-5%	n/a	n/a
Y2114050B1--01-54	F&I 30-inch Diameter CIPP Liner	100	linear foot	\$ 160.00	\$ 16,000.00	\$ 166.50	-4%	n/a	n/a
Y2114050B1--01-55	F&I clean-out on existing lateral (Conventional)	80	each	\$ 750.00	\$ 60,000.00	\$ 660.00	14%	n/a	n/a
Y2114050B1--01-56	F&I clean-out on existing lateral (Vac-A-Tee)	500	each	\$ 500.00	\$ 250,000.00	n/a		n/a	n/a
Y2114050B1--01-57	Reinstate and grout Laterals (using Tee Liners)	580	each	\$ 450.00	\$ 261,000.00	n/a		n/a	n/a
Y2114050B1--01-58	Clean and television survey of 4 and 6-inch laterals	580	each	\$ 150.00	\$ 87,000.00	n/a		n/a	n/a
Y2114050B1--01-59	Grout laterals	25	each	\$ 400.00	\$ 10,000.00	n/a		n/a	n/a
Y2114050B1--01-60	Furnish chemical grout for lateral grouting	500	gallon	\$ 1.00	\$ 500.00	\$ 8.00	-88%	n/a	n/a
Y2114050B1--01-61	F&I CIP Full Circle Main/Lateral Liner in 6 inch to 8 inch main	500	each	\$ 2,900.00	\$ 1,450,000.00	\$ 3,239.50	-10%	n/a	n/a
Y2114050B1--01-62	F&I CIP Full Circle Main/Lateral Liner in 10 to 12main	50	each	\$ 2,950.00	\$ 147,500.00	\$ 3,239.50	-9%	n/a	n/a
Y2114050B1--01-63	Replace existing 8 inch sanitary sewer at an invert depth of 6 feet or less	10	each	\$ 4,500.00	\$ 45,000.00	n/a		n/a	n/a
Y2114050B1--01-64	Replace 8 inch sewer main at a depth greater than 6 feet to a depth of 8 feet	10	each	\$ 4,750.00	\$ 47,500.00	n/a		n/a	n/a
Y2114050B1--01-65	Replace 8 inch sewer main at a depth greater than 8 feet to a depth of 10 feet	10	each	\$ 5,750.00	\$ 57,500.00	n/a		n/a	n/a
Y2114050B1--01-66	Install 8 inch sewer main at a depth greater than 10 feet to a depth of 12 feet	5	each	\$ 6,400.00	\$ 32,000.00	n/a		n/a	n/a
Y2114050B1--01-67	Replace 8 inch sewer main to a depth greater than 12 feet to a depth of 14 feet	3	each	\$ 8,000.00	\$ 24,000.00	n/a		n/a	n/a
Y2114050B1--01-68	Replace 8 inch sewer main to a depth greater than 14 feet to a depth of 16 feet	2	each	\$ 10,000.00	\$ 20,000.00	n/a		n/a	n/a
Y2114050B1--01-69	Replace 10 inch sewer main to a depth of 6 feet or less	1	each	\$ 4,750.00	\$ 4,750.00	n/a		n/a	n/a
Y2114050B1--01-70	Replace 10 inch sewer main to a depth greater than 6 feet to a depth of 8 feet	1	each	\$ 5,000.00	\$ 5,000.00	n/a		n/a	n/a
Y2114050B1--01-71	Replace 10 inch sewer main to a depth greater than 8 feet to a depth of 10 feet	1	each	\$ 6,000.00	\$ 6,000.00	n/a		n/a	n/a
Y2114050B1--01-72	Place 10 inch sewer main to a depth greater than 10 feet to a depth of 12 feet	1	each	\$ 6,750.00	\$ 6,750.00	n/a		n/a	n/a
Y2114050B1--01-73	Place 10 inch sewer main at a depth greater than 12 feet to a depth of 14 feet	1	each	\$ 8,500.00	\$ 8,500.00	n/a		n/a	n/a
Y2114050B1--01-74	Place 10 inch sewer main at a depth greater than 14 feet to a depth of 16 feet	1	each	\$ 10,500.00	\$ 10,500.00	n/a		n/a	n/a
Y2114050B1--01-75	Replace existing 12 inch sanitary sewer at an invert depth of 6 feet or less	1	each	\$ 7,200.00	\$ 7,200.00	n/a		n/a	n/a



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Y2114050B1--01-101	Complete road reconstruction	3000	square yard	\$ 30.00	\$ 90,000.00	\$ 51.00	-41%	n/a	n/a
Y2114050B1--01-102	Removal and reinstallation of brick roadways or driveways	3000	square yard	\$ 15.00	\$ 45,000.00	\$ 38.00	-61%	n/a	n/a
Y2114050B1--01-103	Testing Laboratory	30	each	\$ 300.00	\$ 9,000.00	n/a		n/a	n/a
Y2114050B1--01-104	Sewer Flow Control	1	each	\$ 3,000.00	\$ 3,000.00	n/a		n/a	n/a
Y2114050B1--01-105	Traffic Control	2	each	\$ 1,500.00	\$ 3,000.00	n/a		n/a	n/a
Y2114050B1--01-106	Restoration	100	square yard	\$ 20.00	\$ 2,000.00	n/a		n/a	n/a
Y2114050B1--01-107	Dewatering	2	day	\$ 8,000.00	\$ 16,000.00	n/a		n/a	n/a
Y2114050B1--01-108	F&I/CIP lateral liner beyond 6 feet from the main	10000	linear foot	\$ 35.00	\$ 350,000.00	\$ 46.00	-24%	n/a	n/a
	Allowances - Material, Equipment and subcontractor fees				\$ 7,375,482.40			n/a	n/a
	Allowances - Permits and Fees				\$ 50,000.00			n/a	n/a
	TOTAL				\$ 25,000.00			n/a	n/a
					\$ 7,450,482.40			n/a	n/a

- 1) Not able to make direct comparison to previous contract. The unit of measure for Lines 30, 58, 59 and 63-97 in the previous contract were "linear feet" and the replacement contract is "each".
- 2) Previous contract was awarded to three different vendors to perform scope of work. Replacement contract is being recommended to award to one vendor.
- 3) Since the previous contract was awarded in 2011, the Consumer Price Index for All Urban Consumers, Miami-Fort Lauderdale has increased 9.61%.
- 4) The Purchasing Division confirmed with Envirowaste Services Group, Inc. that they are able to complete the scope of work at the prices submitted.

Estimated Quantities

Line 01-16 - Test Joints in 6 and 8 inch pipe - In previous contract contractor put costs in other line items. WWS wants to ensure that testing of all joints is completed in pipe so quantity was increased.
Line 01-24 - Chemical Grout for pipe joint sealing - In previous contract this line item was used as a temporary fix. Now, this line item will be requested if there is a leak, then the pipe will be grouted and lined immediately.