

name: CIPP Rehabilitation, 2006										JN/PN: XI61					
bdt.		counc. dst:			Bid date: 9/20/2006										
Item no.	code	Description	Est. Quantity	As-Built Quantity	Units	Est. Cost	Low Bid per unit	Est.Total	BID TOTAL	AS-BUILT TOTAL	Bid per unit	BID TOTAL	Bid per unit	BID TOTAL	
J.F. Pacific Liners, Inc										Michels Pipeline Construction		Insituform Technologies, Inc.			
LOW BIDDER										1		1	2	1	3
1		Mobilization	1		LS	15,000.00	3,000.00	\$15,000.00	\$3,000.00	0	23,600.00	\$23,600.00	15,400.00	\$15,400.00	
2		Preconstruction Photographs	1		LS	1,500.00	100.00	\$1,500.00	\$100.00	0	2,000.00	\$2,000.00	500.00	\$500.00	
3		Point Repairs	31		LF	500.00	475.00	\$15,500.00	\$14,725.00	0	1.00	\$31.00	850.00	\$26,350.00	
4		6-Inch CIPP Liner to Install	1,268		LF	40.00	29.00	\$50,720.00	\$36,772.00	0	41.00	\$51,988.00	49.00	\$62,132.00	
5		8-Inch CIPP Liner to Install	1,350		LF	40.00	33.00	\$54,000.00	\$44,550.00	0	39.00	\$52,650.00	44.00	\$59,400.00	
6		12-Inch CIPP Liner to Install	695		LF	60.00	47.00	\$41,700.00	\$32,665.00	0	53.00	\$36,835.00	52.00	\$36,140.00	
7		Laterals, to Reinstate Internally	91		EA	350.00	200.00	\$31,850.00	\$18,200.00	0	265.00	\$24,115.00	400.00	\$36,400.00	
8		Laterals, to Reinstate Externally	4		EA	2,000.00	1,100.00	\$8,000.00	\$4,400.00	0	1,600.00	\$6,400.00	2,650.00	\$10,600.00	
9		Inside Drop Connection, to Construct	2		EA	2,000.00	1,750.00	\$4,000.00	\$3,500.00	0	3,100.00	\$6,200.00	2,125.00	\$4,250.00	
10		MH Flow Channel and Bench to Construct	2		EA	2,500.00	1,750.00	\$5,000.00	\$3,500.00	0	2,800.00	\$5,600.00	2,335.00	\$4,670.00	
11		Manhole to Rehabilitate	19		EA	1,800.00	1,300.00	\$34,200.00	\$24,700.00	0	1,150.00	\$21,850.00	1,860.00	\$35,340.00	
12		Flusher Branch to Remove and Replace	2		EA	2,000.00	500.00	\$4,000.00	\$1,000.00	0	3,800.00	\$7,600.00	3,185.00	\$6,370.00	
Guide Labor Code						Estimate %	Actual %	% Change	\$265,470.00	\$187,112.00		\$238,869.00		\$297,552.00	
5% - 10%		Bid Contingency				0.00%	-29.52%	0.00%	0	-78358	187112	27.66%		59.02%	
0% - 2%	BA	Planning				0.00%	0.00%	0.00%	0	0					
.5% - 5%	EA	Environmental				0.00%	0.00%	0.00%	0	0					
subtotal - Planning Phase costs						0.00%	0.00%	0.00%	0	0					
1% - 2%	AA	Pre-design				0.00%	0.00%	0.00%	0	0					
.5% - 3%	CB	Surveying				0.00%	0.00%	0.00%	0	0					
2 - \$6,000		Geotech Consultant				0.00%	0.00%	0.00%	0	0					
0% - 1%		Potholes				0.00%	0.00%	0.00%	0	0					
2% - 4%	CI	Drafting				0.00%	0.00%	0.00%	0	0					
4% - 8%	CF	Design				0.00%	0.00%	0.00%	0	0					
varies		Design Consultants (all disciplines)				0.00%	0.00%	0.00%	0	0					
.5% - 1%	FE	Contract Admin				0.00%	0.00%	0.00%	0	0					
0% - 1%	DA	Real Property Administration				0.00%	0.00%	0.00%	0	0					
varies	CL	Other - Permits				0.00%	0.00%	0.00%	0	0					
varies		Plant/Field Support				0.00%	0.00%	0.00%	0	0					
subtotal - Design Phase costs						0.00%	0.00%	0.00%	0	0					
varies		ROW (Property Cost)				0.00%	0.00%	0.00%	0	0					
1% - 3%		Bid Amount							265470	187112					
1% - 3%	FL	Engineering Construction Support				0.00%	0.00%	0.00%	0	0					
.5% - 1.5%	FC	Construction Staking				0.00%	0.00%	0.00%	0	0					
3% - 8%	FD	Construction Inspection				0.00%	0.00%	0.00%	0	0					
1% - 3%	FA	Construction Administration				0.00%	0.00%	0.00%	0	0					
varies		Const Consult (soils/mat test, CM)				0.00%	0.00%	0.00%	0	0					
subtotal - Construction Phase Costs						0.00%	0.00%	0.00%	0	0					
4% - 10%		Construction Contingency/C.O.s				0.00%	0.00%	0.00%	0	0					
PROJECT SUMMARY															
Design Costs (for Comparison) % = des/bid						0.00%	0.00%	0.00%	0	0					
Delivery Costs (Below Est) % = deliv/tot const						0.00%	0.00%	0.00%	0	0					
Total Construction Cost (Bid + COs)									265470	187112					
Bid		-0.3 (below Estimate)			TOTAL PROJECT COST		-29.52%	265470	187112						

no.	Description	TOTAL QUANTITIES	AVERAGE UNIT	AVERAGE TOTAL	LEAST UNIT	HIGHEST UNIT	MED- IAN
1	Mobilization	1	14,000.00	14,000.00	3,000.00	23,600.00	15,400.00
2	Preconstruction Photographs	1	866.67	866.67	100.00	2,000.00	500.00
3	Point Repairs	31	442.00	13,702.00	1.00	850.00	475.00
4	6-Inch CIPP Liner to install	1,268	39.67	50,297.33	29.00	49.00	41.00
5	8-Inch CIPP Liner to install	1,350	38.67	52,200.00	33.00	44.00	39.00
6	12-Inch CIPP Liner to Install	695	50.67	35,213.33	47.00	53.00	52.00
7	Laterals, to Reinstate Internally	91	288.33	26,238.33	200.00	400.00	265.00
8	Laterals, to Reinstate Externally	4	1,783.33	7,133.33	1,100.00	2,650.00	1,600.00
9	Inside Drop Connection, to Construct	2	2,325.00	4,650.00	1,750.00	3,100.00	2,125.00
10	MH Flow Channel and Bench to Construct	2	2,295.00	4,590.00	1,750.00	2,800.00	2,335.00
11	Manhole to Rehabilitate	19	1,436.67	27,296.67	1,150.00	1,860.00	1,300.00
12	Flusher Branch to Remove and Replace	2	2,495.00	4,990.00	500.00	4,000.00	3,185.00
				241,177.67			
				28.89%	-54,065.67		