

J Street Sewer Replacement 18th to 20th St

PM: Rosa Millino

JN/PN:

XN51

bldg. \$

300,000.00 counc. dst:

Bid date: July 16, 2007

Item no.	code	Description	Est. Quantity	As-Built Quantity	Units	Est. Cost	Low Bid per unit	Est.Total	BID TOTAL	AS-BUILT TOTAL	
LOW BIDDER AC General Engineering, Inc											
1	0	Preconstruction Photographs	1	0	ls	2,000.00	738.45	\$2,000.00	\$738.45	0	
2	0	6-in & 8-in Sewer Pipe to Remove, 10-in Pipe to Plac	604	0	lf	200.00	157.37	\$120,800.00	\$95,051.48	0	
3		10-Inch Drain Lead to Install	105	0	lf	150.00	142.95	\$15,750.00	\$15,009.75		
4	0	Place Modified Type B DI	5	0	ea	2,000.00	3,021.52	\$10,000.00	\$15,107.60	0	
5	0	Manhole to Remove, Mahnole No. 3 to Construct	3	0	ea	6,000.00	7,382.37	\$18,000.00	\$22,147.11	0	
6	0	Pipe Ends to Plug	2	0	ea	150.00	37.47	\$300.00	\$74.94	0	
7	0	Unsuitable Material, Removal and Replacement	207	0	ton	35.00	0.01	\$7,245.00	\$2.07	0	
8		Unmarked Utility Crossings	5	0	ea	150.00	200.00	\$750.00	\$1,000.00	0	
9	0	8-Inch Sewer Main to Abandon	1	0	ls	5,000.00	7,466.60	\$5,000.00	\$7,466.60	0	
Guide	Labor Code					Estimate %	Actual %	% Change	\$179,845.00	\$156,598.00	0
5% - 10%		Bid Contingency				0.00%	0.00%	0.00%	0	0	156598
0% - 2%	BA	Planning				0.20%	0.00%	-100.00%	359.69	0	
.5% - 5%	EA	Environmental				0.20%	0.00%	-100.00%	359.69	0	
subtotal - Planning Phase costs						0.40%	0.00%	-100.00%	719.38	0	
1% - 2%	AA	Pre-design				1.00%	0.00%	-100.00%	1798.45	0	
.5% - 3%	CB	Surveying				2.20%	0.00%	-100.00%	3956.59	0	
2 - \$6,000		Geotech Consultant				0.00%	0.00%	0.00%	0	0	
0% - 1%		Potholes				0.80%	0.00%	-100.00%	1438.76	0	
2% - 4%	CI	Drafting				2.00%	0.00%	-100.00%	3596.9	0	
4% - 8%	CF	Design				3.00%	0.00%	-100.00%	5395.35	0	
varies		Design Consultants (all disciplines)				0.00%	0.00%	0.00%	0	0	
.5% - 1%	FE	Contract Admin				0.20%	0.00%	-100.00%	359.69	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				0.50%	0.00%	-100.00%	899.225	0	
subtotal - Design Phase costs						9.70%	0.00%	-100.00%	17444.965	0	
varies		ROW (Property Cost)				0.00%	0.00%	0.00%	0	0	
1% - 3%		Bid Amount							179845	156598	
1% - 3%	FL	Engineering Construction Support				1.00%	0.00%	-100.00%	1798.45	0	
.5% - 1.5%	FC	Construction Staking				1.00%	0.00%	-100.00%	1798.45	0	
3% - 8%	FD	Construction Inspection				4.10%	0.00%	-100.00%	7373.645	0	
1% - 3%	FA	Construction Administration				0.60%	0.00%	-100.00%	1079.07	0	
varies		Const Consult (soils/mat test, CM)				0.60%	0.00%	-100.00%	1079.07	0	
subtotal - Construction Phase Costs						7.30%	0.00%	-100.00%	13128.685	0	
4% - 10%		Construction Contingency/C.O.s				10.00%	0.00%	-100.00%	17984.5	0	
PROJECT SUMMARY											
Design Costs (for Comparison) % =des/bid						9.00%	0.00%	-100.00%	16186.05	0	
Delivery Costs (Below Est) % = deliv/tot const						15.36%	0.00%	-100.00%	30393.805	0	
Total Construction Cost (Bid + COs)									197829.5	156598	
Bid	-0.13 (below Estimate)					TOTAL PROJECT COST			211138.03	156598	

Bid per unit	BID TOTAL	Bid per unit	BID TOTAL	Bid per unit	BID TOTAL	Bid per unit	BID TOTAL	Bid per unit
Florez Paving		2 Frank Medina G.E.C		3 Navajo Pipeline				5

2,000.00	\$2,000.00	1,000.00	\$1,000.00	1,500.00	\$1,500.00		\$0.00	
220.00	\$132,880.00	180.00	\$108,720.00	275.00	\$166,100.00		\$0.00	
220.00	\$23,100.00	180.00	\$18,900.00	400.00	\$42,000.00			
2,750.00	\$13,750.00	3,500.00	\$17,500.00	4,000.00	\$20,000.00		\$0.00	
7,800.00	\$23,400.00	6,800.00	\$20,400.00	10,000.00	\$30,000.00		\$0.00	
500.00	\$1,000.00	500.00	\$1,000.00	1,000.00	\$2,000.00		\$0.00	
0.01	\$2.07	50.00	\$10,350.00	1.00	\$207.00		\$0.00	
500.00	\$2,500.00	5,000.00	\$25,000.00	100.00	\$500.00			
5,000.00	\$5,000.00	5,000.00	\$5,000.00	4,500.00	\$4,500.00		\$0.00	
	\$203,632.07		\$207,870.00		\$266,807.00		\$0.00	
	30.03%		32.74%		70.38%		-100.00%	

no.	Description	AVERAGE UNIT	AVERAGE TOTAL	LEAST UNIT	HIGHEST UNIT	MED- IAN
1	Preconstruction Photographs	1,309.61	642.86	738.45	2,000.00	1,250.00
2	6-in & 8-in Sewer Pipe to Remove, 10-in Pipe	208.09	58,242.86	157.37	275.00	200.00
3	10-Inch Drain Lead to Install	235.74	28,000.00	142.95	400.00	200.00
4	Place Modified Type B DI	3,317.88	7,321.43	2,750.00	4,000.00	3,260.76
5	Manhole to Remove, Mahnole No. 3 to Const	7,995.59	10,542.86	6,800.00	10,000.00	7,591.19
6	Pipe Ends to Plug	509.37	571.43	37.47	1,000.00	500.00
7	Unsuitable Material, Removal and Replaceme	12.76	1,508.44	0.01	50.00	0.51
8	Unmarked Utility Crossings	1,450.00	7,000.00	100.00	5,000.00	350.00
9	8-Inch Sewer Main to Abandon	5,491.65	2,071.43	4,500.00	7,466.60	5,000.00