

**PRICE ANALYSIS**

Bid No. PNC2116454C1  
Westside Water Main Expansion Loop  
Agency: Aviation Department  
Purchasing Agent: Michal Durden

Date Bid Posted: August 24, 2018  
Date Bid Opened: October 8, 2018  
Bid Submittals: 7  
Declinations: 1



Item	Commodity Code Description	Qty	Unit	Southern Underground Industries, Inc.			Engineer's Cost Estimate			Difference %
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	
PNC2116454C1--01-01	BONDS AND INSURANCE	1	lump sum	\$ 64,370.00	\$ 64,370.00	\$ 84,350.00	\$ 84,350.00	\$ 84,350.00	\$ 84,350.00	-23.7%
PNC2116454C1--01-02	MOBILIZATION / DEMOBILIZATION	1	lump sum	\$ 65,000.00	\$ 65,000.00	\$ 72,300.00	\$ 72,300.00	\$ 72,300.00	\$ 72,300.00	-10.1%
PNC2116454C1--01-03	EXCESS INSURANCE AND MOBILIZATION	1	lump sum	\$ 115,000.00	\$ 115,000.00	\$ 126,525.00	\$ 126,525.00	\$ 126,525.00	\$ 126,525.00	-9.1%
PNC2116454C1--01-04	MAINTENANCE OF TRAFFIC	1	lump sum	\$ 64,000.00	\$ 64,000.00	\$ 66,275.00	\$ 66,275.00	\$ 66,275.00	\$ 66,275.00	-3.4%
PNC2116454C1--01-05	SURVEY	1	lump sum	\$ 38,000.00	\$ 38,000.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	8.6%
PNC2116454C1--01-06	TESTING	1	lump sum	\$ 29,000.00	\$ 29,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	9.3%
PNC2116454C1--01-07	12 INCH DUCTILE IRON PIPE (D.I.P)	5653	linear foot	\$ 84.00	\$ 474,852.00	\$ 153.02	\$ 865,022.06	\$ 153.02	\$ 865,022.06	-45.1%
PNC2116454C1--01-08	6 INCH DUCTILE IRON PIPE (D.I.P.)	25	linear foot	\$ 87.00	\$ 2,175.00	\$ 62.31	\$ 1,557.75	\$ 62.31	\$ 1,557.75	39.6%
PNC2116454C1--01-09	16 INCH DUCTILE IRON PIPE (D.I.P.)	1522	linear foot	\$ 175.00	\$ 266,350.00	\$ 192.46	\$ 292,924.12	\$ 192.46	\$ 292,924.12	-9.1%
PNC2116454C1--01-10	REMOVE EXISTING DUCTILE IRON PIPE	110	linear foot	\$ 30.00	\$ 3,300.00	\$ 30.45	\$ 3,349.50	\$ 30.45	\$ 3,349.50	-1.5%
PNC2116454C1--01-11	12 INCH BY 12 INCH MJ WET TAP	12	each	\$ 12,000.00	\$ 144,000.00	\$ 5,481.81	\$ 65,781.72	\$ 5,481.81	\$ 65,781.72	118.9%
PNC2116454C1--01-12	16 INCH BY 12 INCH MJ WET TAP	1	each	\$ 13,000.00	\$ 13,000.00	\$ 11,279.13	\$ 11,279.13	\$ 11,279.13	\$ 11,279.13	15.3%
PNC2116454C1--01-13	16 INCH BY 6 INCH MJ WET TAP	1	each	\$ 7,500.00	\$ 7,500.00	\$ 1,853.56	\$ 1,853.56	\$ 1,853.56	\$ 1,853.56	304.6%
PNC2116454C1--01-14	REMOVE CAP	1	each	\$ 1,500.00	\$ 1,500.00	\$ 3,943.75	\$ 3,943.75	\$ 3,943.75	\$ 3,943.75	-62.0%
PNC2116454C1--01-15	12 INCH BY 12 INCH DIP TEE	12	each	\$ 3,800.00	\$ 45,600.00	\$ 3,076.13	\$ 36,913.56	\$ 3,076.13	\$ 36,913.56	23.5%
PNC2116454C1--01-16	12 INCH BY 6 INCH DIP TEE	1	each	\$ 1,400.00	\$ 1,400.00	\$ 3,076.13	\$ 3,076.13	\$ 3,076.13	\$ 3,076.13	-54.5%
PNC2116454C1--01-17	12 INCH DIP 11.25 DEGREE (HORIZONTAL) BEND	5	each	\$ 1,200.00	\$ 6,000.00	\$ 1,443.41	\$ 7,217.05	\$ 1,443.41	\$ 7,217.05	-16.9%
PNC2116454C1--01-18	12 INCH DIP 22.5 DEGREE (HORIZONTAL) BEND	7	each	\$ 1,200.00	\$ 8,400.00	\$ 1,443.41	\$ 10,103.87	\$ 1,443.41	\$ 10,103.87	-16.9%
PNC2116454C1--01-19	12 INCH DIP 45 DEGREE (HORIZONTAL) BEND	9	each	\$ 1,800.00	\$ 16,200.00	\$ 1,443.41	\$ 12,990.69	\$ 1,443.41	\$ 12,990.69	24.7%
PNC2116454C1--01-20	12 INCH DIP 45 DEGREE (HORIZONTAL) BEND	18	each	\$ 1,200.00	\$ 21,600.00	\$ 1,443.41	\$ 25,981.38	\$ 1,443.41	\$ 25,981.38	-16.9%
PNC2116454C1--01-21	12 INCH DIP 45 DEGREE (VERTICAL) BEND	46	each	\$ 1,800.00	\$ 82,800.00	\$ 1,443.14	\$ 66,384.44	\$ 1,443.14	\$ 66,384.44	24.7%
PNC2116454C1--01-22	12 INCH DIP 90 DEGREE (HORIZONTAL) BEND	1	each	\$ 1,300.00	\$ 1,300.00	\$ 1,656.38	\$ 1,656.38	\$ 1,656.38	\$ 1,656.38	-21.5%
PNC2116454C1--01-23	12 INCH DIP GATE VALVE	25	each	\$ 3,400.00	\$ 85,000.00	\$ 8,360.75	\$ 209,018.75	\$ 8,360.75	\$ 209,018.75	-59.3%
PNC2116454C1--01-24	16 INCH DIP 22.5 DEGREE (HORIZONTAL) BEND	1	each	\$ 1,700.00	\$ 1,700.00	\$ 3,063.51	\$ 3,063.51	\$ 3,063.51	\$ 3,063.51	-44.5%
PNC2116454C1--01-25	16 INCH DIP 45 DEGREE (VERTICAL) BEND	6	each	\$ 2,300.00	\$ 13,800.00	\$ 3,063.51	\$ 18,381.06	\$ 3,063.51	\$ 18,381.06	-24.9%
PNC2116454C1--01-26	16 INCH DIP 22.5 DEGREE (HORIZONTAL) BEND	1	each	\$ 770.00	\$ 770.00	\$ 473.25	\$ 473.25	\$ 473.25	\$ 473.25	62.7%
PNC2116454C1--01-27	6 INCH DIP 45 DEGREE (HORIZONTAL) BEND	1	each	\$ 770.00	\$ 770.00	\$ 473.25	\$ 473.25	\$ 473.25	\$ 473.25	62.7%
PNC2116454C1--01-28	16 INCH DIP GATE VALVE	1	each	\$ 1,500.00	\$ 1,500.00	\$ 2,247.94	\$ 2,247.94	\$ 2,247.94	\$ 2,247.94	-33.3%
PNC2116454C1--01-29	24 INCH DIP 12 INCH DIP REDUCERS	1	each	\$ 2,300.00	\$ 2,300.00	\$ 6,191.69	\$ 6,191.69	\$ 6,191.69	\$ 6,191.69	-62.9%
PNC2116454C1--01-30	16 INCH BY 12 INCH DIP REDUCERS	2	each	\$ 1,300.00	\$ 2,600.00	\$ 2,090.19	\$ 4,180.38	\$ 2,090.19	\$ 4,180.38	-37.8%
PNC2116454C1--01-31	FLUSHING VALVE OUTLET (FVO)	9	each	\$ 6,300.00	\$ 56,700.00	\$ 1,577.50	\$ 14,197.50	\$ 1,577.50	\$ 14,197.50	299.4%
PNC2116454C1--01-32	ASPHALT CONCRETE PAVEMENT	407	ton	\$ 200.00	\$ 81,400.00	\$ 113.58	\$ 46,227.06	\$ 113.58	\$ 46,227.06	76.1%
PNC2116454C1--01-33	8 INCH LIMEROCK BASE MATERIAL	1394	square yard	\$ 28.00	\$ 39,032.00	\$ 15.78	\$ 21,997.32	\$ 15.78	\$ 21,997.32	77.4%
PNC2116454C1--01-34	12 INCH LIMEROCK BASE MATERIAL	1578	square yard	\$ 43.00	\$ 67,854.00	\$ 33.44	\$ 52,766.32	\$ 33.44	\$ 52,766.32	28.6%
PNC2116454C1--01-35	12 INCH SUBGRADE	4090	square yard	\$ 14.00	\$ 57,260.00	\$ 5.74	\$ 23,476.60	\$ 5.74	\$ 23,476.60	143.9%
PNC2116454C1--01-36	TOPSOIL AND SOD	3988	square yard	\$ 8.80	\$ 35,094.40	\$ 15.78	\$ 62,930.64	\$ 15.78	\$ 62,930.64	-44.2%
PNC2116454C1--01-37	SAMPLING POINT	15	each	\$ 360.00	\$ 5,400.00	\$ 500.00	\$ 7,500.00	\$ 500.00	\$ 7,500.00	-28.0%
PNC2116454C1--01-38	AUTOMATIC AIR RELEASE VALVE	7	each	\$ 17,000.00	\$ 119,000.00	\$ 441.70	\$ 3,091.90	\$ 441.70	\$ 3,091.90	3742.8%
PNC2116454C1--01-39	PAVEMENT MARKINGS WHITE STRIPING 6 INCH	1224	linear foot	\$ 2.60	\$ 3,182.40	\$ 0.57	\$ 697.68	\$ 0.57	\$ 697.68	356.1%
PNC2116454C1--01-40	PAVEMENT MARKINGS YELLOW STRIPING 6 INCH	3357	linear foot	\$ 2.60	\$ 8,728.20	\$ 0.57	\$ 1,913.49	\$ 0.57	\$ 1,913.49	356.1%
PNC2116454C1--01-41	PAVEMENT MARKINGS YELLOW CHEVRON 12 INCH	730	linear foot	\$ 4.40	\$ 3,212.00	\$ 1.58	\$ 1,153.40	\$ 1.58	\$ 1,153.40	178.5%
PNC2116454C1--01-42	PAVEMENT MARKINGS WHITE STRIPING 24 INCH STOP BAR	43	linear foot	\$ 11.00	\$ 473.00	\$ 4.10	\$ 176.30	\$ 4.10	\$ 176.30	168.3%

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				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	
PNC2116454C1--01-43	RETRO-REFLECTIVE PAVEMENT MARKER	235	each	\$ 6.60	\$ 1,551.00	\$ 6.31	\$ 1,482.85			4.6%
PNC2116454C1--01-44	8 FOOT AOA FENCE WITH BARBED WIRE	80	linear foot	\$ 170.00	\$ 13,600.00	\$ 31.55	\$ 2,524.00			438.8%
PNC2116454C1--01-45	6 FOOT CHAIN LINK FENCE	40	linear foot	\$ 110.00	\$ 4,400.00	\$ 31.55	\$ 1,262.00			248.7%
PNC2116454C1--01-46	TYPE-F CURB AND GUTTER	47	linear foot	\$ 44.00	\$ 2,068.00	\$ 21.77	\$ 1,023.19			102.1%
PNC2116454C1--01-47	CURB TYPE F CURB & GUTTER AND VALLEY GUTTER	47	linear foot	\$ 44.00	\$ 2,068.00	\$ 6.31	\$ 296.57			597.3%
PNC2116454C1--01-48	LARGE OBJECT BARRIER	30	each	\$ 1,100.00	\$ 33,000.00	\$ 125.00	\$ 3,750.00			780.0%
PNC2116454C1--01-49	REMOVE AND REINSTALL EXISTING TREES	23	each	\$ 500.00	\$ 11,500.00	\$ 750.00	\$ 17,250.00			-33.3%
PNC2116454C1--01-50	DEWATERING	24	day	\$ 500.00	\$ 12,000.00		\$ 50,000.00			-76.0%
PNC2116454C1--01-51	SUBSURFACE UTILITY ENGINEERING	20	each	\$ 550.00	\$ 11,000.00		\$ 8,000.00			37.5%
PNC2116454C1--01-52	STORM WATER POLLUTION PREVENTION	7000	linear foot	\$ 2.50	\$ 17,500.00		\$ 12,500.00			40.0%
PNC2116454C1--01-53	SOIL REMOVAL/REPLACEMENT	280	cubic yard	\$ 110.00	\$ 30,800.00		\$ 10,000.00			208.0%
	PERMITTING FEES AND REGULATORY AGENCY FEES			Allowance	\$ 24,514.00		\$ 24,514.00			
	<b>Total:</b>				<b>\$2,221,124.00</b>		<b>\$2,422,247.74</b>			

Prepared By: Michal Durden