

PRICE ANALYSIS

Solicitation No.: PNC2121131C1
Solicitation Title: FLL North Perimeter Road Water Main
Using Agency: Aviation Department
Purchasing Agent: Netanya Hogu

Date Bid Posted: August 6, 2020
Date Bid Opened: September 23, 2020
Bid Submittal(s): Twelve (12)
Declination(s): Zero (0)



Item #		Item	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price	Percent Difference
PNC2121131C1-01-01		BONDS AND INSURANCE	1	lump sum	\$ 147,882.06	\$ 147,882.06	\$	\$ 147,882.06	-39.16%
PNC2121131C1-01-02		MODIFICATION / DEREGISTRATION	1	lump sum	\$ 126,756.05	\$ 126,756.05	\$	\$ 126,756.05	-88.17%
PNC2121131C1-01-03		INSURANCE AND DEREGISTRATION	1	lump sum	\$ 221,424.09	\$ 221,424.09	\$	\$ 221,424.09	-36.73%
PNC2121131C1-01-04		PERFORMANCE OF TRAFFIC	1	lump sum	\$ 301,908.08	\$ 301,908.08	\$	\$ 301,908.08	-72.57%
PNC2121131C1-01-05		SURVEY	1	lump sum	\$ 15,500.00	\$ 15,500.00	\$	\$ 15,500.00	-72.57%
PNC2121131C1-01-06		GEOTECHNICAL TESTING	1	lump sum	\$ 84,504.04	\$ 84,504.04	\$	\$ 84,504.04	-72.72%
PNC2121131C1-01-07		WATER MAIN TESTING	1	lump sum	\$ 25,750.00	\$ 25,750.00	\$	\$ 25,750.00	-69.83%
PNC2121131C1-01-08		WATER MAIN TESTING	1	lump sum	\$ 9,000.00	\$ 9,000.00	\$	\$ 9,000.00	-64.44%
PNC2121131C1-01-09		FURNISH AND INSTALL 6 INCH DUCTILE IRON PIPE (D.I.P.) INCLUDES ALL INSTALLATION	848	linear foot	\$ 55,120.00	\$ 46,720.00	\$ 108,544.00	\$ 46,720.00	-49.22%
PNC2121131C1-01-10		FURNISH AND INSTALL 10 INCH DUCTILE IRON PIPE (D.I.P.) INCLUDES ALL INSTALLATION	9838	linear foot	\$ 95.80	\$ 942,464.00	\$ 155.00	\$ 1,524,896.00	-38.19%
PNC2121131C1-01-11		FURNISH AND INSTALL 10 INCH DUCTILE IRON PIPE (D.I.P.) INCLUDES ALL INSTALLATION	14	linear foot	\$ 110.00	\$ 1,540.00	\$ 140.00	\$ 1,960.00	-21.43%
PNC2121131C1-01-12		FURNISH AND INSTALL 8 INCH DUCTILE IRON PIPE (D.I.P.) INCLUDES ALL INSTALLATION	591	linear foot	\$ 61.00	\$ 27,938.00	\$ 135.00	\$ 61,830.00	-54.81%
PNC2121131C1-01-13		REMOVE EXISTING PIPE ABANDONED IN PLACE	501	linear foot	\$ 20.00	\$ 11,820.00	\$ 35.00	\$ 20,685.00	-42.86%
PNC2121131C1-01-14		FURNISH AND INSTALL 6 INCH X6 INCH M1 WET TAP. INCLUDES ALL INSTALLATION COMPONENT	3	each	\$ 3,050.00	\$ 9,150.00	\$ 6,700.00	\$ 20,100.00	-54.48%
PNC2121131C1-01-15		FURNISH AND INSTALL 8 INCH X8 INCH M1 WET TAP. INCLUDES ALL INSTALLATION COMPONENT	5	each	\$ 4,043.00	\$ 20,215.00	\$ 8,775.00	\$ 43,875.00	-53.93%
PNC2121131C1-01-16		FURNISH AND INSTALL 12 INCH X10 INCH M1 WET TAP. INCLUDES ALL INSTALLATION COMP	1	each	\$ 7,085.00	\$ 7,085.00	\$ 10,055.00	\$ 22,500.00	-29.54%
PNC2121131C1-01-17		FURNISH AND INSTALL 12 INCH X12 INCH M1 WET TAP. INCLUDES ALL INSTALLATION COMP	2	each	\$ 9,088.00	\$ 18,176.00	\$ 11,250.00	\$ 22,500.00	-19.22%
PNC2121131C1-01-18		FURNISH AND INSTALL 16 INCH X12 INCH M1 WET TAP. INCLUDES ALL INSTALLATION COMP	1	each	\$ 14,085.00	\$ 14,085.00	\$ 13,500.00	\$ 3,500.00	-4.33%
PNC2121131C1-01-19		REMOVE CAP AND CONNECT TO WATER PIPELINE (12 INCH)	2	each	\$ 985.00	\$ 1,970.00	\$ 2,700.00	\$ 5,400.00	-63.52%
PNC2121131C1-01-20		REMOVE CAP AND CONNECT TO WATER PIPELINE (12 INCH)	1	each	\$ 1,615.00	\$ 1,615.00	\$ 3,135.00	\$ 6,270.00	-68.48%
PNC2121131C1-01-21		FURNISH AND INSTALL 8 INCH X8 INCH DIP TEES INCLUDES ALL INSTALLATION COMPONENT	8	each	\$ 935.00	\$ 7,480.00	\$ 3,080.00	\$ 6,160.00	-48.48%
PNC2121131C1-01-22		FURNISH AND INSTALL 12 INCH X8 INCH DIP TEES INCLUDES ALL INSTALLATION COMPONENT	5	each	\$ 1,325.00	\$ 6,625.00	\$ 5,300.00	\$ 26,500.00	-58.98%
PNC2121131C1-01-23		FURNISH AND INSTALL 12 INCH DIP 11.25 DEGREE HORIZONTAL BEND. INCLUDES ALL INS	7	each	\$ 960.00	\$ 6,720.00	\$ 4,445.00	\$ 31,155.00	-33.56%
PNC2121131C1-01-24		FURNISH AND INSTALL 12 INCH DIP 22.5 DEGREE HORIZONTAL BEND. INCLUDES ALL INS	7	each	\$ 974.00	\$ 6,818.00	\$ 1,470.00	\$ 10,290.00	-33.74%
PNC2121131C1-01-25		FURNISH AND INSTALL 12 INCH DIP 45 DEGREE HORIZONTAL BEND. INCLUDES ALL INSTA	60	each	\$ 1,005.00	\$ 61,300.00	\$ 1,500.00	\$ 90,000.00	-33.00%
PNC2121131C1-01-26		FURNISH AND INSTALL 12 INCH DIP 45 DEGREE HORIZONTAL BEND. INCLUDES ALL INSTA	21	each	\$ 1,058.00	\$ 22,218.00	\$ 2,116.00	\$ 44,436.00	-37.76%
PNC2121131C1-01-27		FURNISH AND INSTALL 12 INCH DIP 90 DEGREE HORIZONTAL BEND. INCLUDES ALL INSTA	2	each	\$ 775.00	\$ 1,550.00	\$ 775.00	\$ 1,550.00	-40.38%
PNC2121131C1-01-28		FURNISH AND INSTALL 10 INCH DIP 22.5 DEGREE HORIZONTAL BEND. INCLUDES ALL INSTA	16	each	\$ 3,591.00	\$ 57,456.00	\$ 4,360.00	\$ 69,760.00	-17.68%
PNC2121131C1-01-29		FURNISH AND INSTALL 12 INCH GATE VALVE. INCLUDES ALL INSTALLATION COMPONENTS.	5	each	\$ 2,045.00	\$ 10,225.00	\$ 3,050.00	\$ 15,250.00	-32.99%
PNC2121131C1-01-30		FURNISH AND INSTALL 8 INCH GATE VALVE. INCLUDES ALL INSTALLATION COMPONENTS.	3	each	\$ 4,514.00	\$ 13,542.00	\$ 2,250.00	\$ 6,750.00	-105.07%
PNC2121131C1-01-31		FURNISH AND INSTALL 6 INCH GATE VALVE. INCLUDES ALL INSTALLATION COMPONENTS.	1	each	\$ 985.00	\$ 985.00	\$ 1,200.00	\$ 1,200.00	-51.25%
PNC2121131C1-01-32		FURNISH AND INSTALL 8 INCH DIP 11.25 DEGREE HORIZONTAL BEND. INCLUDES ALL INSTA	2	each	\$ 600.00	\$ 1,200.00	\$ 1,100.00	\$ 2,200.00	-45.45%
PNC2121131C1-01-33		FURNISH AND INSTALL 8 INCH DIP 45 DEGREE HORIZONTAL BEND. INCLUDES ALL INSTA	10	each	\$ 600.00	\$ 6,000.00	\$ 1,100.00	\$ 11,000.00	-45.45%
PNC2121131C1-01-34		FURNISH AND INSTALL 6 INCH DIP 45 DEGREE HORIZONTAL BEND. INCLUDES ALL INSTA	3	each	\$ 685.00	\$ 2,055.00	\$ 950.00	\$ 2,850.00	-27.89%
PNC2121131C1-01-35		FURNISH AND INSTALL 6 INCH DIP 90 DEGREE HORIZONTAL BEND. INCLUDES ALL INSTA	16	each	\$ 950.00	\$ 15,200.00	\$ 1,070.00	\$ 17,120.00	-27.32%
PNC2121131C1-01-36		FURNISH AND INSTALL 8 INCH DIP 90 DEGREE HORIZONTAL BEND. INCLUDES ALL INSTA	1	each	\$ 2,540.00	\$ 2,540.00	\$ 5,800.00	\$ 11,600.00	-55.86%
PNC2121131C1-01-37		FURNISH AND INSTALL 16 INCH X10 INCH DIP 90 DEGREE REDUCING HORIZONTAL BEND.	1	each	\$ 510.00	\$ 510.00	\$ 1,150.00	\$ 2,300.00	-59.20%
PNC2121131C1-01-38		FURNISH AND INSTALL 8 INCH X6 INCH DIP REDUCERS. INCLUDES ALL INSTALLATION COMP	2	each	\$ 760.00	\$ 1,520.00	\$ 1,750.00	\$ 3,500.00	-56.57%
PNC2121131C1-01-39		FURNISH AND INSTALL 16 INCH X12 INCH DIP REDUCERS. INCLUDES ALL INSTALLATION CO	1	each	\$ 1,290.00	\$ 1,290.00	\$ 2,100.00	\$ 4,200.00	-38.57%
PNC2121131C1-01-40		FURNISH AND INSTALL 16 INCH PLUS. INCLUDES ALL INSTALLATION COMPONENTS.	1	each	\$ 705.00	\$ 705.00	\$ 800.00	\$ 800.00	-11.88%
PNC2121131C1-01-41		FURNISH AND INSTALL 8 INCH PLUS. INCLUDES ALL INSTALLATION COMPONENTS.	1	each	\$ 385.00	\$ 385.00	\$ 800.00	\$ 800.00	-51.88%
PNC2121131C1-01-42		FURNISH AND INSTALL 6 INCH PLUS. INCLUDES ALL INSTALLATION COMPONENTS.	1	each	\$ 258.00	\$ 258.00	\$ 500.00	\$ 500.00	-47.75%
PNC2121131C1-01-43		FURNISH AND INSTALL 6 INCH INSERTION VALVE. INCLUDES ALL INSTALLATION COMPONENT	1	each	\$ 15,000.00	\$ 15,000.00	\$ 16,500.00	\$ 16,500.00	-9.09%
PNC2121131C1-01-44		FURNISH AND INSTALL 18 INCH INSERTION VALVE. INCLUDES ALL INSTALLATION COMPONENT	1	each	\$ 40,000.00	\$ 40,000.00	\$ 33,000.00	\$ 33,000.00	-21.21%
PNC2121131C1-01-45		FURNISH AND INSTALL FLUSHING VALVE OUTLET (FVO)	9	each	\$ 1,055.00	\$ 9,495.00	\$ 6,500.00	\$ 58,500.00	-83.77%
PNC2121131C1-01-46		FURNISH AND INSTALL SAMPLING POINT. INCLUDE ALL INSTALLATION COMPONENTS.	18	each	\$ 6,000.00	\$ 108,000.00	\$ 1,020.00	\$ 18,360.00	-41.18%
PNC2121131C1-01-47		FURNISH AND INSTALL AUTOMATIC AIR RELEASE VALVE. INCLUDES ALL INSTALLATION COMP	12	each	\$ 10,930.00	\$ 131,160.00	\$ 20,000.00	\$ 240,000.00	-28.36%
PNC2121131C1-01-48		FURNISH AND PLACE ASPHALT CONCRETE PAVEMENT IN ACCORDANCE WITH ASPHALT PAVEMENT	1885	ton	\$ 25.00	\$ 47,125.00	\$ 250.00	\$ 471,250.00	-38.00%
PNC2121131C1-01-49		FURNISH AND PLACE 12 INCH LIMEROCK BASE MATERIAL	6203	square yard	\$ 25.00	\$ 155,075.00	\$ 45.00	\$ 280,650.00	-25.00%
PNC2121131C1-01-50		FURNISH AND PLACE 16 INCH LIMEROCK BASE MATERIAL	2845	square yard	\$ 5.00	\$ 14,225.00	\$ 32.00	\$ 91,040.00	-28.89%
PNC2121131C1-01-51		COMPACTION/STABILIZATION OF 12 INCH SUBGRADE	11627	square yard	\$ 11.00	\$ 127,897.00	\$ 20.00	\$ 232,540.00	-44.44%
PNC2121131C1-01-52		MILL AND RESTRAPE (1 INCH FOOT - SP 9.5)	356	square yard	\$ 5.00	\$ 1,780.00	\$ 18.00	\$ 6,408.00	-72.22%
PNC2121131C1-01-53		FURNISH AND INSTALL TOP-SOIL AND SOG	1	each	\$ 1,500.00	\$ 1,500.00	\$ 2,500.00	\$ 2,500.00	-40.00%
PNC2121131C1-01-54		SEAL MANHOLE OPENING AND RESTORE MANHOLE	4866	ton	\$ 40.00	\$ 174,640.00	\$ 73.00	\$ 318,718.00	-45.21%
PNC2121131C1-01-55		GRAVEL RESTORATION	19	square yard	\$ 60.00	\$ 1,140.00	\$ 63.00	\$ 1,197.00	-4.70%
PNC2121131C1-01-56		6 INCH THICK CONCRETE SIDEWALK	8676	linear foot	\$ 2.00	\$ 17,352.00	\$ 2.80	\$ 24,292.80	-28.57%
PNC2121131C1-01-57		THERMOPLASTIC PAVEMENT MARKINGS WHITE STRIPING 6 INCH (INCLUDES INITIAL TEMPORA	5730	linear foot	\$ 2.00	\$ 11,460.00	\$ 2.80	\$ 16,044.00	-28.57%
PNC2121131C1-01-58		THERMOPLASTIC PAVEMENT MARKINGS YELLOW STRIPING 6 INCH (INCLUDES INITIAL TEMPORA	61	linear foot	\$ 3.00	\$ 183.00	\$ 5.00	\$ 305.00	-40.00%
PNC2121131C1-01-59		THERMOPLASTIC PAVEMENT MARKINGS YELLOW CHEVRON 18 INCH (INCLUDES INITIAL TEMPORA	4	each	\$ 200.00	\$ 800.00	\$ 10.00	\$ 40.00	-1900.00%

Engineer's Cost Estimate

ENCO, LLC

PRICE ANALYSIS

Solicitation No.: PNC2121131C1
Solicitation Title: FLL North Perimeter Road Water Main
 Using Agency: Aviation Department
 Purchasing Agent: Netanya Hogu

Date Bid Posted: August 6, 2020
Date Bid Opened: September 23, 2020
Bid Submittal(s): Twelve (12)
Declination(s): Zero (0)



Item No.	Description	Unit	Quantity	Unit Price	Total Price	Change	% Change
32	THERMOPLASTIC PAVEMENT MARKINGS WHITE 24 INCH STOP BAR	linear foot	400.00	\$	400.00		-68.00%
166	REMOVE AND REPLACE RETRO-REFLECTIVE PAVEMENT MARKER	each	5.00	\$	5.00		-44.44%
170	REMOVE AND REINSTALL EXISTING 6 FOOT CHAIN LINK FENCE (INCLUDES FENCE AND POSTS)	linear foot	8300.00	\$	8300.00		-44.44%
60	REMOVE AND REINSTALL AOA FENCE WITH BARBED WIRE (INCLUDES TEMPORARY AOA FENCE AND POSTS)	linear foot	100.00	\$	100.00		-90.00%
25	REMOVE AND REINSTALL GUARDRAIL INCLUDES ALL INSTALLATION COMPONENTS.	linear foot	180.00	\$	180.00		-91.67%
665	FURNISH AND INSTALL CURB AND GUTTER	linear foot	22.00	\$	22.00		-77.27%
2	REMOVE AND REINSTALL EXISTING TREES	each	25.00	\$	25.00		0.00%
55	DEWATERING	cubic yard	800.00	\$	16,625.00		0.00%
200	SOIL REMOVAL / REPLACEMENT	dyw	2,183.00	\$	1,000.00		-37.50%
11144	STORM WATER POLLUTION PREVENTION (MEASURED PER LF OF PIPE INSTALLED)	linear foot	60.00	\$	12,000.00		9.15%
216	ABANDON EXISTING PIPE, INCLUDES ALL INSTALLATION COMPONENTS INCLUDING FLOWABLE G	linear foot	5.00	\$	5.00		-7.69%
40	SUBSURFACE UTILITY EXPLORATION TEST HOLES	each	1,500.00	\$	3,240.00		-25.00%
1	Pass-thru Allowance - Permit Fees	lump sum	43,000.00	\$	43,000.00		-105.48%
Total				\$	3,039,949	\$	4,950,512.82
							-38.59%

Engineer's cost estimate completed by Keith and Associates, Inc., dated January 27, 2020.