

BID TABULATION

IFBC NO. 19-TA003165BB

WATER MAIN UPGRADES – WILLOW WOODS & LAKE ESTATES

BID 'A' BASED ON A COMPLETION TIME OF 270 CALENDAR

CLOSING DATE/TIME: DECEMBER 12, 2019 @ 3:00 PM

ITEM NO.		DESCRIPTION		U/M	EST QTY	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
1		Mobilization	LS	1		\$90,959.95	\$90,959.95	\$84,400.00	\$84,400.00	\$100,000.00	\$100,000.00	\$271,736.21	\$271,736.21	\$154,703.36	\$154,703.36	\$150,000.00	\$150,000.00
2		Curb Replacement	LF	184		\$40.82	\$7,510.88	\$63.60	\$11,702.40	\$23.76	\$4,371.84	\$41.32	\$7,602.88	\$45.90	\$8,445.60	\$28.00	\$5,152.00
3		Pavement Repair & Road Restoration															
3.01		Base & Resurface	SY	200		\$154.95	\$30,990.00	\$152.00	\$30,400.00	\$104.46	\$20,892.00	\$57.17	\$11,434.00	\$51.00	\$10,200.00	\$81.00	\$16,200.00
3.02		Mill & Overlay	SY	1,685		\$32.67	\$55,048.95	\$32.50	\$54,762.50	\$26.35	\$44,399.75	\$32.65	\$55,015.25	\$49.30	\$83,070.50	\$35.00	\$58,975.00
4		Concrete Sidewalk Replacement (4" min. thick.)	SY	715		\$49.51	\$35,399.65	\$45.65	\$32,639.75	\$50.49	\$36,100.35	\$48.05	\$34,355.75	\$30.60	\$21,879.00	\$56.00	\$40,040.00
5		Driveway Restoration															
5.01		Concrete (6" min. thick.)	SY	1,328		\$71.38	\$94,792.64	\$65.00	\$86,320.00	\$50.94	\$67,648.32	\$78.63	\$104,420.64	\$28.90	\$38,379.20	\$100.00	\$132,800.00
6		Sodding	SY	5,899		\$4.75	\$28,020.25	\$3.02	\$17,814.98	\$9.58	\$56,512.42	\$4.01	\$23,654.99	\$14.96	\$88,249.04	\$8.70	\$51,321.30
7		Grout Fill Abandoned Pipe	CY	22		\$1,390.70	\$30,595.40	\$468.00	\$10,296.00	\$1,072.69	\$23,599.18	\$368.95	\$8,116.90	\$314.50	\$6,919.00	\$820.00	\$18,040.00
8		Blow-off Assembly, End of Line	EA	2		\$1,277.55	\$2,555.10	\$8,875.00	\$17,750.00	\$12,059.65	\$24,119.30	\$11,036.00	\$22,072.00	\$5,440.00	\$10,880.00	\$9,790.00	\$19,580.00
9		Reduced Pressure Backflow Prevention Assembly /w Pressure Relief Valve	EA	2		\$1,967.05	\$3,934.10	\$4,750.00	\$9,500.00	\$1,412.11	\$2,824.22	\$1,537.62	\$3,075.24	\$4,420.00	\$8,840.00	\$4,480.00	\$8,960.00
9A		Vacuum Breaker, brass	EA	4		\$99.38	\$397.52	\$137.50	\$550.00	\$511.79	\$2,047.16	\$117.50	\$470.00	\$1,513.00	\$6,052.00	\$4,120.00	\$16,480.00
10		Permit Fee - New Water Service-Building Department	EA	2		\$165.00	\$330.00	\$288.15	\$576.30	\$2,640.00	\$5,280.00	\$524.38	\$1,048.76	\$9,180.00	\$18,360.00	\$59.00	\$118.00
11		Remove Existing Items															
11.01		Valve, 4"	EA	2		\$1,052.89	\$2,105.78	\$775.00	\$1,550.00	\$503.20	\$1,006.40	\$470.11	\$940.22	\$1,190.00	\$2,380.00	\$3,510.00	\$7,020.00
11.02		Fire Hydrant	EA	1		\$1,043.19	\$1,043.19	\$1,675.00	\$1,675.00	\$1,509.60	\$1,509.60	\$1,410.34	\$1,410.34	\$9,500.00	\$9,500.00	\$4,860.00	\$4,860.00
12		Pipe															
12.01		6" PVC, DR-18, direct bury	LF	4,953		\$36.06	\$178,605.18	\$57.00	\$282,321.00	\$41.00	\$203,073.00	\$30.96	\$153,344.88	\$45.90	\$227,342.70	\$110.00	\$544,830.00
12.02		6" DIP, direct bury	LF	615		\$41.38	\$25,448.70	\$71.20	\$43,788.00	\$58.00	\$35,670.00	\$46.02	\$28,302.30	\$47.60	\$29,274.00	\$120.00	\$73,800.00
12.03		2" HDPE, DR-9, direct bury	LF	485		\$12.18	\$5,907.30	\$18.25	\$8,851.25	\$30.00	\$14,550.00	\$22.47	\$10,897.95	\$27.20	\$13,192.00	\$18.00	\$8,730.00
13		14" Steel Casing, 0.188" thick, incl. 6" Dia. PVC RJ Carrier Pipe, jack & bore	LF	51		\$1,007.74	\$51,394.74	\$1,115.00	\$56,865.00	\$500.00	\$25,500.00	\$996.46	\$50,819.46	\$2,040.00	\$104,040.00	\$640.00	\$32,640.00
14		Water Services															
14.01		1" PE Single Service (Short)	EA	37		\$871.27	\$32,236.99	\$1,200.00	\$44,400.00	\$1,486.84	\$55,013.08	\$1,552.13	\$57,428.81	\$3,740.00	\$138,380.00	\$1,250.00	\$46,250.00
14.02		1" PE Single Service (Long), w/ 2" casing	EA	43		\$1,756.13	\$75,513.59	\$1,405.00	\$60,415.00	\$2,179.72	\$93,727.96	\$1,953.01	\$83,979.43	\$5,440.00	\$233,920.00	\$2,550.00	\$109,650.00
14.03		1" PE Double Service (Short)	EA	5		\$1,303.02	\$6,515.10	\$1,425.00	\$7,125.00	\$1,778.35	\$8,891.75	\$1,726.15	\$8,630.75	\$3,060.00	\$15,300.00	\$1,600.00	\$8,000.00
14.04		1" PE Double Service (Long), w/ 2" casing	EA	2		\$2,185.32	\$4,370.64	\$2,125.00	\$4,250.00	\$2,001.65	\$4,003.30	\$2,443.01	\$4,886.02	\$2,380.00	\$4,760.00	\$3,030.00	\$6,060.00
14.05		Additional 1" Service Pipe over 10' (Short) and 30' (Long)	LF	613		\$7.07	\$4,333.91	\$0.65	\$398.45	\$17.00	\$10,421.00	\$22.76	\$13,951.88	\$40.80	\$25,010.40	\$16.00	\$9,808.00
15		Relocate Meter Box	EA	23		\$155.60	\$3,578.80	\$458.00	\$10,534.00	\$1,006.40	\$23,147.20	\$715.16	\$16,448.68	\$680.00	\$15,640.00	\$600.00	\$13,800.00
16		Ductile Iron Fittings															
16.01		6" Tee, MJ	EA	6		\$434.63	\$2,607.78	\$460.00	\$2,760.00	\$1,389.20	\$8,335.20	\$1,288.85	\$7,733.10	\$1,445.00	\$8,670.00	\$460.00	\$2,760.00
16.02		6" Tee, MJ, Cut-in	EA	1		\$8,446.51	\$8,446.51	\$4,500.00	\$4,500.00	\$3,164.29	\$3,164.29	\$9,969.02	\$9,969.02	\$1,445.00	\$1,445.00	\$5,260.00	\$5,260.00
16.03		6" Solid Sleeve	EA	1		\$468.68	\$468.68	\$350.00	\$350.00	\$740.37	\$740.37	\$686.11	\$686.11	\$1,445.00	\$1,445.00	\$330.00	\$330.00
16.04		6" 45 Degree Bend or Less	EA	24		\$297.92	\$7,150.08	\$285.00	\$6,840.00	\$992.70	\$23,824.80	\$1,002.08	\$24,049.92	\$1,445.00	\$34,680.00	\$330.00	\$7,920.00
16.05		8"x4" Reducer, MJ	EA	1		\$369.38	\$369.38	\$350.00	\$350.00	\$1,489.97	\$1,489.97	\$676.97	\$676.97	\$1,445.00	\$1,445.00	\$330.00	\$330.00
16.06		8"x6" Reducer, MJ	EA	2		\$314.83	\$629.66	\$350.00	\$700.00	\$1,509.16	\$3,018.32	\$554.11	\$1,108.22	\$722.50	\$1,445.00	\$340.00	\$680.00
16.07		6" Cap, W/2" Tap	EA	3		\$180.94	\$542.82	\$225.00	\$675.00	\$1,151.32	\$3,453.96	\$556.45	\$1,669.35	\$1,445.00	\$4,335.00	\$250.00	\$750.00
16.08		4" Cap	EA	2		\$146.75	\$293.50	\$175.00	\$350.00	\$837.87	\$1,675.74	\$500.04	\$1,000.08	\$1,445.00	\$2,890.00	\$190.00	\$380.00
16.09		4"x6" Hymax coupling	EA	1		\$498.14	\$498.14	\$400.00	\$400.00	\$1,142.74	\$1,142.74	\$1,142.29	\$1,142.29	\$1,445.00	\$1,445.00	\$2,280.00	\$2,280.00
16.10		8" Tee, MJ Cut-in	EA	3		\$9,499.78	\$28,499.34	\$6,000.00	\$18,000.00	\$3,159.40	\$9,478.20	\$1,999.71	\$5,999.13	\$963.33	\$2,889.99	\$5,500.00	\$16,500.00
16.11		8" Solid Sleeve	EA	3		\$532.81	\$1,598.43	\$375.00	\$1,125.00	\$1,083.55	\$3,250.65	\$721.77	\$2,165.31	\$963.33	\$2,889.99	\$410.00	\$1,230.00
17		Pipe Joint Restraints															
17.01		4"	EA	2		\$127.58	\$255.16	\$160.00	\$320.00	\$560.30	\$1,120.60	\$121.24	\$242.48	\$238.00	\$476.00	\$110.00	\$220.00
17.02		6"	EA	85		\$136.05	\$11,564.25	\$123.00	\$10,455.00	\$574.15	\$48,802.75	\$129.45	\$11,003.25	\$238.00	\$20,230.00	\$120.00	\$10,200.00
17.03		8"	EA	9		\$186.59	\$1,679.31	\$189.00	\$1,701.00	\$647.14	\$5,824.26	\$208.75	\$1,878.75	\$238.00	\$2,142.00	\$190.00	\$1,710.00
18		Valves, MJ															
18.01		2" Gate Valve	EA	2		\$1,353.78	\$2,707.56	\$1,800.00	\$3,600.00	\$1,677.64	\$3,355.28	\$846.37	\$1,692.74	\$680.00	\$1,360.00	\$1,080.00	\$2,160.00
18.02		6" Gate Valve	EA	19		\$1,678.96	\$31,900.24	\$2,300.00	\$43,700.00	\$2,472.47	\$46,976.93	\$1,310.13	\$24,892.47	\$966.32	\$18,360.08	\$1,090.00	\$20,710.00
18.03		6" Tapping Valve	EA	2		\$4,341.42	\$8,682.84	\$5,250.00	\$10,500.00	\$3,146.97	\$6,293.94	\$1,881.68	\$3,763.36	\$3,060.00	\$6,120.00	\$1,240.00	\$2,480.00
18.04		8" Gate Valve	EA	7		\$2,112.64	\$14,788.48	\$2,900.00	\$20,300.00	\$2,887.89	\$20,215.23	\$1,740.21	\$12,181.47	\$1,311.43	\$9,180.01	\$1,460.00	\$10,220.00
19		1" Air Release Valve	EA	1		\$2,637.44	\$2,637.44	\$4,000.00	\$4,000.00	\$2,473.64	\$2,473.64	\$1,818.20	\$1,818.20	\$850.00	\$850.00	\$1,600.00	\$1,600.00
20		ARV Cabinet, fiberglass	EA	1		\$1,932.01	\$1,932.01	\$1,250.00	\$1,250.00	\$1,140.53	\$1,140.53	\$2,015.21	\$2,015.21	\$1,020.00	\$1,020.00	\$940.00	\$940.00
21		Fire Hydrant Assembly	EA	5		\$6,736.11	\$33,680.55	\$5,950.00	\$29,750.00	\$9,886.29	\$49,431.45	\$6,150.40	\$30,752.00	\$1,870.00	\$9,350.00	\$4,990.00	\$24,950.00
22		Intentionally Left Blank															
23		Tapping Sleeve (Main x Outlet)															
23.01		8"x6"	EA	1		\$11,682.98	\$11										

BID TABULATION

IFBC NO. 19-TA003165BB

WATER MAIN UPGRADES – WILLOW WOODS & LAKE ESTATES

BID 'B' BASED ON A COMPLETION TIME OF 330 CALENDAR

CLOSING DATE/TIME: DECEMBER 12, 2019 @ 3:00 PM

Item No.	Description	U/M	Est Qty	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1	Mobilization	LS	1	\$90,959.95	\$90,959.95	\$84,400.00	\$84,400.00	\$100,000.00	\$100,000.00	\$271,736.21	\$271,736.21	\$151,000.00	\$151,000.00	\$154,703.36	\$154,703.36	\$150,000.00	\$150,000.00
2	Curb Replacement	LF	184	\$40.82	\$7,510.88	\$63.60	\$11,702.40	\$23.76	\$4,371.84	\$41.32	\$7,602.88	\$45.00	\$8,280.00	\$45.90	\$8,445.60	\$28.00	\$5,152.00
3	Pavement Repair & Road Restoration																
3.01	Base & Resurface	SY	200	\$154.95	\$30,990.00	\$152.00	\$30,400.00	\$104.46	\$20,892.00	\$57.17	\$11,434.00	\$200.00	\$40,000.00	\$51.00	\$10,200.00	\$81.00	\$16,200.00
3.02	Mill & Overlay	SY	1,685	\$32.67	\$55,048.95	\$32.50	\$54,762.50	\$26.35	\$44,399.75	\$32.65	\$55,015.25	\$40.00	\$67,400.00	\$49.30	\$83,070.50	\$35.00	\$58,975.00
4	Concrete Sidewalk Replacement (4" min. thick.)	SY	715	\$49.51	\$35,399.65	\$45.65	\$32,639.75	\$50.49	\$36,100.35	\$48.05	\$34,355.75	\$65.00	\$46,475.00	\$30.60	\$21,879.00	\$56.00	\$40,040.00
5	Driveway Restoration																
5.01	Concrete (6" min. thick.)	SY	1,328	\$71.38	\$94,792.64	\$65.00	\$86,320.00	\$50.94	\$67,648.32	\$78.63	\$104,420.64	\$90.00	\$119,520.00	\$28.90	\$38,379.20	\$100.00	\$132,800.00
6	Sodding	SY	5,899	\$4.75	\$28,020.25	\$3.02	\$17,814.98	\$9.58	\$56,512.42	\$4.01	\$23,654.99	\$4.10	\$24,185.90	\$14.96	\$88,249.04	\$8.70	\$51,321.30
7	Grout Fill Abandoned Pipe	CY	22	\$1,390.70	\$30,595.40	\$468.00	\$10,296.00	\$1,072.69	\$23,599.18	\$368.95	\$8,116.90	\$355.00	\$7,810.00	\$314.50	\$6,919.00	\$820.00	\$18,040.00
8	Blow-off Assembly, End of Line	EA	2	\$1,277.55	\$2,555.10	\$8,875.00	\$17,750.00	\$12,059.65	\$24,119.30	\$11,036.00	\$22,072.00	\$9,900.00	\$19,800.00	\$5,440.00	\$10,880.00	\$9,790.00	\$19,580.00
9	Reduced Pressure Backflow Prevention Assembly /w Pressure Relief Valve	EA	2	\$1,967.05	\$3,934.10	\$4,750.00	\$9,500.00	\$1,412.11	\$2,824.22	\$1,537.62	\$3,075.24	\$2,075.00	\$4,150.00	\$4,420.00	\$8,840.00	\$4,480.00	\$8,960.00
9A	Vacuum Breaker, brass	EA	4	\$99.38	\$397.52	\$137.50	\$550.00	\$511.79	\$2,047.16	\$117.50	\$470.00	\$850.00	\$3,400.00	\$1,513.00	\$6,052.00	\$4,120.00	\$16,480.00
10	Permit Fee - New Water Service-Building Department	EA	2	\$165.00	\$330.00	\$288.15	\$576.30	\$2,640.00	\$5,280.00	\$524.38	\$1,048.76	\$59.00	\$118.00	\$9,180.00	\$18,360.00	\$59.00	\$118.00
11	Remove Existing Items																
11.01	Valve, 4"	EA	2	\$1,052.89	\$2,105.78	\$775.00	\$1,550.00	\$503.20	\$1,006.40	\$470.11	\$940.22	\$200.00	\$400.00	\$1,190.00	\$2,380.00	\$3,510.00	\$7,020.00
11.02	Fire Hydrant	EA	1	\$1,043.19	\$1,043.19	\$1,675.00	\$1,675.00	\$1,509.60	\$1,509.60	\$1,410.34	\$1,410.34	\$390.00	\$390.00	\$9,500.00	\$9,500.00	\$4,860.00	\$4,860.00
12	Pipe																
12.01	6" PVC, DR-18, direct bury	LF	4,953	\$36.06	\$178,605.18	\$57.00	\$282,321.00	\$41.00	\$203,073.00	\$30.96	\$153,344.88	\$90.00	\$445,770.00	\$45.90	\$227,342.70	\$100.00	\$495,300.00
12.02	6" DIP, direct bury	LF	615	\$41.38	\$25,448.70	\$71.20	\$43,788.00	\$58.00	\$35,670.00	\$46.02	\$28,302.30	\$100.00	\$61,500.00	\$47.60	\$29,274.00	\$113.00	\$69,495.00
12.03	2" HDPE, DR-9, direct bury	LF	485	\$12.18	\$5,907.30	\$18.25	\$8,851.25	\$30.00	\$14,550.00	\$22.47	\$10,897.95	\$40.00	\$19,400.00	\$27.20	\$13,192.00	\$18.00	\$8,730.00
13	14" Steel Casing, 0.188" thick, incl. 6" Dia. PVC RJ Carrier Pipe, jack & bore	LF	51	\$1,007.74	\$51,394.74	\$1,115.00	\$56,865.00	\$500.00	\$25,500.00	\$996.46	\$50,819.46	\$800.00	\$40,800.00	\$2,040.00	\$104,040.00	\$640.00	\$32,640.00
14	Water Services																
14.01	1" PE Single Service (Short)	EA	37	\$871.27	\$32,236.99	\$1,200.00	\$44,400.00	\$1,486.84	\$55,013.08	\$1,552.13	\$57,428.81	\$1,200.00	\$44,400.00	\$3,740.00	\$138,380.00	\$1,250.00	\$46,250.00
14.02	1" PE Single Service (Long), w/ 2" casing	EA	43	\$1,756.13	\$75,513.59	\$1,405.00	\$60,415.00	\$2,179.72	\$93,727.96	\$1,953.01	\$83,979.43	\$2,000.00	\$86,000.00	\$5,440.00	\$233,920.00	\$2,550.00	\$109,650.00
14.03	1" PE Double Service (Short)	EA	5	\$1,303.02	\$6,515.10	\$1,425.00	\$7,125.00	\$1,778.35	\$8,891.75	\$1,726.15	\$8,630.75	\$1,800.00	\$9,000.00	\$3,060.00	\$15,300.00	\$1,600.00	\$8,000.00
14.04	1" PE Double Service (Long), w/ 2" casing	EA	2	\$2,185.32	\$4,370.64	\$2,125.00	\$4,250.00	\$2,001.65	\$4,003.30	\$2,443.01	\$4,886.02	\$2,500.00	\$5,000.00	\$2,380.00	\$4,760.00	\$3,030.00	\$6,060.00
14.05	Additional 1" Service Pipe over 10' (Short) and 30' (Long)	LF	613	\$7.07	\$4,333.91	\$0.65	\$398.45	\$17.00	\$10,421.00	\$22.76	\$13,951.88	\$9.00	\$5,517.00	\$40.80	\$25,010.40	\$16.00	\$9,808.00
15	Relocate Meter Box	EA	23	\$155.60	\$3,578.80	\$458.00	\$10,534.00	\$1,006.40	\$23,147.20	\$715.16	\$16,448.68	\$675.00	\$15,525.00	\$680.00	\$15,640.00	\$600.00	\$13,800.00
16	Ductile Iron Fittings																
16.01	6" Tee, MJ	EA	6	\$434.63	\$2,607.78	\$460.00	\$2,760.00	\$1,389.20	\$8,335.20	\$1,288.85	\$7,733.10	\$720.00	\$4,320.00	\$1,445.00	\$8,670.00	\$460.00	\$2,760.00
16.02	6" Tee, MJ, Cut-in	EA	1	\$8,446.51	\$8,446.51	\$4,500.00	\$4,500.00	\$3,164.29	\$3,164.29	\$9,969.02	\$9,969.02	\$1,600.00	\$1,600.00	\$1,445.00	\$1,445.00	\$5,260.00	\$5,260.00
16.03	6" Solid Sleeve	EA	1	\$468.68	\$468.68	\$350.00	\$350.00	\$740.37	\$740.37	\$686.11	\$686.11	\$975.00	\$975.00	\$1,445.00	\$1,445.00	\$330.00	\$330.00
16.04	6" 45 Degree Bend or Less	EA	24	\$297.92	\$7,150.08	\$285.00	\$6,840.00	\$992.70	\$23,824.80	\$1,002.08	\$24,049.92	\$450.00	\$10,800.00	\$1,445.00	\$34,680.00	\$330.00	\$7,920.00
16.05	8"x4" Reducer, MJ	EA	1	\$369.38	\$369.38	\$350.00	\$350.00	\$1,489.97	\$1,489.97	\$676.97	\$676.97	\$450.00	\$450.00	\$1,445.00	\$1,445.00	\$330.00	\$330.00
16.06	8"x6" Reducer, MJ	EA	2	\$314.83	\$629.66	\$350.00	\$700.00	\$1,509.16	\$3,018.32	\$554.11	\$1,108.22	\$460.00	\$920.00	\$722.50	\$1,445.00	\$340.00	\$680.00
16.07	6" Cap, W/2" Tap	EA	3	\$180.94	\$542.82	\$225.00	\$675.00	\$1,151.32	\$3,453.96	\$556.45	\$1,669.35	\$250.00	\$750.00	\$1,445.00	\$4,335.00	\$250.00	\$750.00
16.08	4" Cap	EA	2	\$146.75	\$293.50	\$175.00	\$350.00	\$837.87	\$1,675.74	\$500.04	\$1,000.08	\$200.00	\$400.00	\$1,445.00	\$2,890.00	\$190.00	\$380.00
16.09	4"x6" Hymax coupling	EA	1	\$498.14	\$498.14	\$400.00	\$400.00	\$1,142.74	\$1,142.74	\$1,142.29	\$1,142.29	\$460.00	\$460.00	\$1,445.00	\$1,445.00	\$2,280.00	\$2,280.00
16.10	8" Tee, MJ Cut-in	EA	3	\$9,499.78	\$28,499.34	\$6,000.00	\$18,000.00	\$3,159.40	\$9,478.20	\$1,999.71	\$5,999.13	\$2,700.00	\$8,100.00	\$963.33	\$2,889.99	\$5,500.00	\$16,500.00
16.11	8" Solid Sleeve	EA	3	\$532.81	\$1,598.43	\$375.00	\$1,125.00	\$1,083.55	\$3,250.65	\$721.77	\$2,165.31	\$1,100.00	\$3,300.00	\$963.33	\$2,889.99	\$410.00	\$1,230.00
17	Pipe Joint Restraints																
17.01	4"	EA	2	\$127.58	\$255.16	\$160.00	\$320.00	\$560.30	\$1,120.60	\$121.24	\$242.48	\$350.00	\$700.00	\$238.00	\$476.00	\$110.00	\$220.00
17.02	6"	EA	85	\$136.05	\$11,564.25	\$123.00	\$10,455.00	\$574.15	\$48,802.75	\$129.45	\$11,003.25	\$400.00	\$34,000.00	\$238.00	\$20,230.00	\$120.00	\$10,200.00
17.03	8"	EA	9	\$186.59	\$1,679.31	\$189.00	\$1,701.00	\$647.14	\$5,824.26	\$208.75	\$1,878.75	\$500.00	\$4,500.00	\$238.00	\$2,142.00	\$190.00	\$1,710.00
18	Valves, MJ																
18.01	2" Gate Valve	EA	2	\$1,353.78	\$2,707.56	\$1,800.00	\$3,600.00	\$1,677.64	\$3,355.28	\$846.37	\$1,692.74	\$850.00	\$1,700.00	\$680.00	\$1,360.00	\$1,080.00	\$2,160.00
18.02	6" Gate Valve	EA	19	\$1,678.96	\$31,900.24	\$2,300.00	\$43,700.00	\$2,472.47	\$46,976.93	\$1,310.13	\$24,892.47	\$1,500.00	\$28,500.00	\$966.32	\$18,360.08	\$1,090.00	\$20,710.00
18.03	6" T																